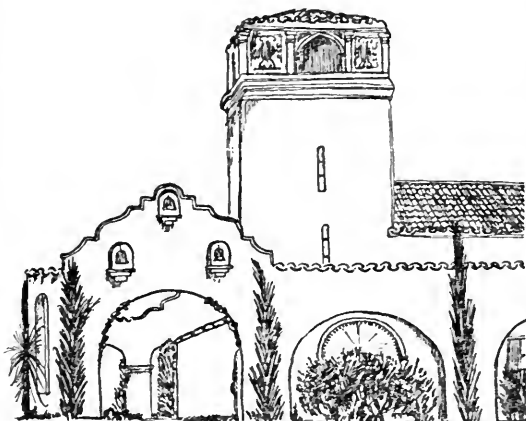


0 100
253s
1919
index

A
0
0
0
5
1
0
5
2
4
2





COLLEGE OF OSTEOPATHIC PHYSICIANS
AND SURGEONS • LOS ANGELES, CALIFORNIA

UNIVERSITY OF CALIFORNIA
CALIFORNIA COLLEGE OF MEDICINE
2017

NOV 1973

IRVINE, CALIFORNIA 92664

Dr. A. E. Beckwith

PHYSICIAN & SURGEON
COLLEGE OF OSTEOPATHIC
PHYSICIAN OF

UNIVERSITY OF
COLLEGE - 2000-01
PHYSICS

Digitized by the Internet Archive
in 2007 with funding from
Microsoft Corporation

БИБЛИОТЕКА
КОЛЛЕЖИЯ ИМ. С. П. КУРЧАТОВА
ФИЗИКО-МАТЕМАТИЧЕСКИЕ НАУКИ

LIBRARY OF

COLLEGE OF PODIATRIC
PHYSICIAN ASSISTANTS

COMPLETE INDEX
TO
VOLUMES I, II, AND III
OF
WARBASSE'S
SURGICAL TREATMENT

PHILADELPHIA AND LONDON

W. B. SAUNDERS COMPANY

1919

BRITISH MUSEUM
COLLEGE MEDICAL LIBRARY
LONDON

W O n 100
W 253 s
1919
index

Copyright, 1919, By W. B. Saunders Company

LIBRARY OF
COLLEGE OF SURGERY
PHYSICIANS AND SURGEONS

PRINTED IN AMERICA

COMPLETE INDEX OF SUBJECTS TO VOLUMES I, II, III

Abadie

- ABADIE'S operation in glaucoma, ii. 161
 Abbé's method of dilating esophageal stricture, ii. 438
 Abbott's treatment of scoliosis, ii. 354
 Abdomen, ii. 408
 closure of, ii. 516
 concussion of, ii. 535
 contusions, ii. 535
 fetus growing in, in ectopic pregnancy, iii. 436
 landmarks, ii. 503
 opening of, ii. 504
 incisions for, ii. 504
 combined, ii. 510
 flap, ii. 510
 lateral muscle-splitting, ii. 507
 vertical, ii. 507
 median, ii. 507
 intramuscular, ii. 506
 postmuscular, ii. 504
 transverse, ii. 507
 postmuscular, ii. 510
 operations on, ii. 498
 expiratory moan in, iii. 61
 prevention of shock in, i. 215
 regions of, ii. 499
 relaxed, ii. 540
 retention of uterus in, in Cesarean section, iii. 408
 Abdominal aorta, aneurism of, i. 391
 compression of, in hemorrhage, i. 360
 ligation of, i. 426
 belt for hernia, iii. 17
 binders, i. 50
 for movable kidney, iii. 154
 blood for transfusion, iii. 818
 carcinoma, inoperable, ii. 706
 exercises for dysmenorrhea, iii. 396
 hysterectomy, iii. 415
 combined with vaginal, iii. 422
 for cancer, iii. 421
 partial, iii. 418
 hysterotomy, iii. 404
 obstetric, iii. 404
 incision, transverse, ii. 507-512
 muscles, rupture of, ii. 535
 operations, ii. 408
 adhesions in, blunt dissection of, ii. 522
 extensive, ii. 523
 interintestinal, ii. 522
 omental, ii. 522
 to anterior abdominal wall, ii. 522

Abdominal

- Abdominal operations, adhesions in, treatment, ii. 522
 binder for dressings, ii. 520
 bowel movements after, ii. 531
 closure of peritoneum in, ii. 516
 of wound in, ii. 516
 complications after, ii. 531, 534
 control of bleeding in, ii. 515
 drainage in, ii. 524
 aspiration in, ii. 526
 by counter opening, ii. 528
 dangers, ii. 527
 depth necessary for, ii. 528
 gauze for, ii. 525
 nonadhering, ii. 529
 indications for, ii. 525
 methods, ii. 526
 objections to, ii. 525
 oiled gauze, ii. 529
 rectal, ii. 528
 withdrawal of, ii. 527
 dressing wound in, ii. 519
 elevated-head position after, ii. 529
 emergency feeding after, ii. 535
 feeding after, ii. 534
 figure-of-eight suture in, ii. 519
 hemorrhage in, ii. 523
 increasing abdominal pressure after, ii. 531
 infection of wound in, ii. 537
 instruments for, ii. 504
 meteorism after, ii. 532
 methods of dealing with, ii. 520
 morphin after, ii. 531
 nausea after, ii. 531
 oxygen after, ii. 531
 pain after, ii. 532
 peritoneum in, ii. 498
 pneumonia after, ii. 534
 position of patient, ii. 499
 post-operative treatment, ii. 529
 preparation of patient, ii. 499
 preventing leaving instruments in abdomen in, ii. 516
 prevention of adhesions in, ii. 521
 proctoclysis after, ii. 533
 rectal tube after, ii. 531
 retention of urine after, ii. 533
 retraction of wound, ii. 515
 shock after, ii. 532
 sponging in, ii. 515
 thirst after, ii. 533

- Abdominal operations, time for getting up
 after, ii. 534
 toilet of peritoneum in, ii. 515
 treatment after, ii. 529
 vomiting after, ii. 531
 route, exposure of kidney by, iii. 163
 section, ii. 504
 ilio-inguinal, ii. 510
 in non-acute salpingitis, iii. 427
 local anesthesia in, i. 149
 low median, by superficial transverse
 incision, ii. 513
 median, ii. 510
 oblique postmuscular, ii. 511
 subcostal oblique, ii. 513
 vertical postmuscular, ii. 512
 sheets, i. 48
 sponges, i. 44
 wall, ii. 535
 actinomycosis of, ii. 538
 blood-supply, ii. 501
 cancer of, ii. 538
 echinococcus cysts of, ii. 538
 excessively fat, ii. 538
 fibroma molluscum of, ii. 538
 fibrosarcoma of, ii. 538
 infections of, ii. 536
 landmarks, ii. 503
 lipoma of, ii. 538
 nerve supply, ii. 501
 nevus of, ii. 538
 operations on, local anesthesia in, i. 148
 pendulous, ii. 540
 relaxed, ii. 540
 sarcoma of, ii. 538
 stitch-hole abscesses in, ii. 537
 structures of, ii. 500
 tumors of, ii. 538
 wounds of, ii. 535
- Abdominosacral proctectomy for rectal
 cancer, iii. 81-84
- Abducens nerve, injuries of, ii. 63
- Abnormalities of cervix, congenital, iii. 375
- Abortion, septic, iii. 371
 tubal, iii. 435
- Abscess, i. 251
 alveolar, ii. 277
 antiferment treatment, i. 234
 Bier's hyperemia for, i. 231
 cerebellar, usual site, ii. 50
 chronic, i. 253
 excision of, i. 254
 peritoneal, ii. 554
 circumscribed, appendicitis with, iii. 98
 rupture, iii. 99
 drainage in, i. 252
 dressings for, i. 252
 ether for, i. 235
 extradural, ii. 319
 extramammary, ii. 474
 hot fomentations in, i. 251
 in appendicitis in unusual position, iii.
 100
 in Pott's disease, ii. 335
 femoral, ii. 337
 from mixed infection, ii. 337
 inguinal, ii. 337
- Abscess in Pott's disease, lumbar, ii. 337
 of lower spinal region, ii. 336
 of middle cervical region, ii. 336
 of upper dorsal region, ii. 336
 psoas, ii. 337
 retropharyngeal, ii. 335
 in tuberculosis of hip, i. 672
 incision in, i. 251
 intracranial, of otic origin, ii. 319
 ischio-rectal, iii. 62
 isolated chronic, filling bone cavities in,
 i. 706
 local antiseptic treatment, i. 234
 localized in peritonitis, ii. 553
 of anterior chamber of eye, ii. 128
 of axilla, iii. 453
 of brain, ii. 73
 indications for operation, ii. 73
 technic of operation, ii. 74
 of broad ligaments, iii. 426
 of chest wall, ii. 398
 of esophagus, ii. 432
 of eyelids, ii. 119
 of finger-tip, subcutaneous, iii. 444
 of kidney, iii. 148
 of liver, iii. 109
 drainage by abdominal route, iii. 110
 by thoracic route, iii. 110
 Manson's method of draining, iii.
 111
 operation in, iii. 110
 exploratory, iii. 110
 prophylaxis, iii. 109
 of lung, acute, ii. 414
 chronic, ii. 415
 rupturing into bronchus, ii. 415
 of mediastinum, ii. 444
 of neck, ii. 361
 of orbit, ii. 137
 of palate, ii. 255
 of pancreas, ii. 781
 of parotid gland, ii. 379
 of prostate, iii. 229
 of scalp, ii. 24
 of scrotum, iii. 302
 of spleen, ii. 784
 of spine, non-tuberculous, ii. 327
 of tongue, tuberculous, ii. 290
 of urethra, iii. 272
 of vaginal wall in vaginitis, iii. 355
 of vulva, iii. 327
 otic, usual site, ii. 50
 pelvic, iii. 459
 perigastric, from perforation of stomach,
 ii. 727
 perinephric, iii. 146
 peritonsillar, ii. 212
 presacral, iii. 459
 retroperitoneal, ii. 563
 retropharyngeal, ii. 205
 secondary, in peritonitis, ii. 553
 septicemia from, vaccines in, i. 257
 stitch-hole, in abdomen, ii. 537
 subdiaphragmatic, ii. 470
 subphrenic, in peritonitis, ii. 553
 tuberculous, i. 281. See also *Tuber-
 culous abscess*.

- Absence of lip, plastic operation for, iii. 655
 of vagina, iii. 357
- Absorbable ligatures, i. 33
 mechanical devices for intestinal anastomosis, ii. 675
 sutures, i. 33
- Absorbent cotton, i. 41
- Acacia, gum, in saline infusion, i. 348
- Acapnia, i. 213
 in anesthesia, i. 123
- Acarus scabiei, i. 848
- Accessories, surgical, i. 48
- Accessorius-facial nerve grafting in facial paralysis, i. 885
- Accessory sinuses of nose, ii. 179
 foreign bodies in, ii. 188
 thyroid glands, ii. 380
- Accidental wounds, i. 166
 of scalp, ii. 18
 treatment, i. 186
- Accidents in cataract extraction, ii. 167
 industrial, prevention of, iii. 722
 surgical treatment, iii. 723
- A. C. E. anesthetic mixture, 119
- Acetabulum, dislocations of hip through floor of, i. 645
- Acetal anesthesia, i. 118
- Acetic acid, as antiseptic, i. 67
- Acetone treatment for cancer of uterus, iii. 424
- Acetone-pycol solution for hand sterilization, i. 174
- Acetotartrate of aluminium, as antiseptic, i. 68
- Achillobursitis, iii. 494
- Achillodynia, iii. 494
- Achondroplasia, i. 471
- Ach's method of resection of cardiac end of stomach, ii. 758
- Acid, acetic, as antiseptic, i. 67
 benzoic, as antiseptic, i. 67
 bichlorid solution, as antiseptic, i. 59
 boric, as antiseptic, i. 67
 citric, as antiseptic, i. 72
 hydrochloric, as antiseptic, i. 72
 mercuric nitrate, as caustic, i. 74
 oxalic, as antiseptic, i. 67
 picric, as antiseptic, i. 67
 in burns, i. 821
 salicylic, as antiseptic, i. 67
 sulphuric, as antiseptic, i. 72
- Acidosis in surgical shock, i. 213
 prevention of, i. 176
 treatment of, by alkalized transfusion, i. 177
- Acne, i. 835
 indurata, iii. 70
 x-rays in, iii. 704
 keloid of, x-rays in, iii. 705
 rosacea, i. 836
 vulgaris, x-rays in, iii. 704
- Acoustic vertigo, operation on seventh nerve in, ii. 112
- Acquired stenosis of larynx, ii. 218
 of trachea, ii. 218
 stricture of urethra, iii. 286
- Acriflavin as antiseptic, i. 65
- Acriflavin for infected wounds, iii. 810
- Acromegaly, i. 321
- Acromion process, fractures of, i. 556
- Actinomycosis, i. 272
 of abdominal wall, ii. 538
 of appendix, iii. 104
 of intestines, ii. 575
 of liver, iii. 112
 of muscle, i. 792
 of nasopharynx, ii. 208
 of tongue, ii. 200
- Actol, as antiseptic, i. 67
- Acupressure in hemorrhage, i. 341
 from disarticulation at hip-joint, iii. 604
- Adamantine epithelioma, i. 709
- Adenitis, tuberculous, ii. 368
 non-surgical treatment, ii. 369
 operation in, ii. 370
- Adenofibroma of breast, ii. 475
- Adenoids, ii. 208
 climate in etiology, ii. 208
 evil results from, ii. 208
 fresh air in prophylaxis, ii. 208
 operation on, ii. 211
 anesthesia in, ii. 209
 chair for, ii. 209
 instruments for, ii. 209
 position of patient, ii. 209
 sitting position in, ii. 209
 without anesthetic, ii. 208
 soft, ii. 208
 treatment of, during first year, ii. 211
- Adenoma, i. 325
 cystic, of breast, ii. 475
 of intestines, polypoid, ii. 582
 of rectum, iii. 74
 of stomach, ii. 703
- Adenotome, Schultz's, ii. 209
- Adherent hernia of large intestine, iii. 49
 omentum in hernia, iii. 21
 penis, iii. 255
 prepuce, iii. 253
 of clitoris, iii. 328
 scars, i. 225
 tonsils, ii. 216
- Adhesions in peritonitis, ii. 546
 methods of dealing with, in abdominal operations, ii. 520
 of intestines, chronic obstruction from, ii. 610
 perigastric, ii. 702
 prevention of, i. 816; ii. 515, 520, 521
- Adhesive paste, i. 55
 plaster bandages, iii. 793
 dressing for skin-grafting, iii. 640
 for wounds, iii. 8
 protective, i. 54
 strips for club-foot, iii. 472
 straps for wounds, i. 187, 188
 support for tension sutures, i. 198
 tapes, i. 55
- Aditus ad antrum, ii. 316
- Adrenalin chlorid as hemostatic, i. 341
 for treatment of shock, i. 217
 in nasal operations, ii. 183
 gauze, i. 41

- Adrenalin in hemorrhage of stomach, ii. 727
 in local anesthesia, i. 139
 Adults, hydrocele in, iii. 314
 Advancement of capsule of Tenon, ii. 177
 of rectus muscle, ii. 176
 Aërocele, ii. 218
 Aëroplane ambulance, iii. 728
 After-cataract, operations for, ii. 174
 Age as factor in surgical treatment, i. 29
 Agglutination, testing for, in blood transfusion, i. 355
 Ainhum, i. 320, 843
 Air cushions, i. 23
 embolism, i. 447; ii. 430
 fresh, in hemorrhage, i. 344
 in surgical treatment, i. 24
 to prevent adenoids, ii. 208
 injections in sciatica, i. 879
 insufflation of, in hydrothorax, ii. 402
 Akoin as local anesthetic, i. 137
 Alæ nasi, collapse of, i. 195
 Albee's bone-grafts in fractures, i. 507
 methods of holding bone-grafts in place, i. 510
 Albuminuria in varicose ulcers, i. 312
 Alcohol, as antiseptic, i. 72
 injections for nerve blocking, i. 864
 in coccygodynia, ii. 358
 in incurable carcinoma of tongue, i. 869
 in neuralgia, i. 864
 in rectal prolapse, iii. 68
 in spastic muscles, i. 795
 in trifacial neuralgia, i. 866
 in Gasserian ganglion, i. 869
 method for catgut, i. 35
 solidified, as antiseptic, i. 72
 Alcoholic soap, as antiseptic, i. 72
 Alcoholism, as factor in operation, i. 180
 in surgical treatment, i. 18
 Aleppo boil, i. 273
 Alexander's operation for retroversion of uterus, iii. 390
 paste for burns, iii. 807
 Alimentary canal, operations on, preparation of patient for, ii. 564
 Allen's method of fascia fixation of uterus for retroversion, iii. 394
 Allis' ether inhaler, i. 106
 operation for habitual shoulder dislocations, i. 634
 Allport's method of tattooing cornea, ii. 153
 Alopecia, i. 846
 areata, i. 847
 follicularis, 847
 syphilitic, i. 303
 Alpha rays of radium, iii. 709
 Alternating strabismus, ii. 175
 Alum^menema, ii. 620
 Aluminium acetotartrate as antiseptic, i. 68
 bronze sutures, i. 38
 Alumnol, as antiseptic, i. 72
 Alveolar abscess, ii. 277
 process of jaw, fractures of, i. 543
 of lower jaw, resection of, i. 725
 of upper jaw, resection of, i. 723
 resection of, i. 723
 Alypin as local anesthetic, i. 136
 Ambulance, aëroplane, iii. 728
 transportation of injured by, iii. 727
 Ambulant treatment of fractures, i. 522
 Ambulatory splints, i. 522
 treatment of empyema, ii. 407
 Amebic colitis, ii. 570
 ulceration of rectum, iii. 61
 Amenorrhœa, iii. 397
 Ammonium sulphate method for catgut, i. 35
 Amputated fingers, replacement of, iii. 649
 restoration of, iii. 458
 members, transplantation of, iii. 649
 Amputation, iii. 498
 after-treatment of weight-bearing stump, in, iii. 540
 anesthesia for, iii. 499
 aperiosteal, iii. 510
 as plastic operation, iii. 498
 at hip, interilio-abdominal, iii. 605
 transpelvic, iii. 605
 at joints, iii. 498, 501
 at wrist, iii. 554
 by equal flaps of skin and muscle, iii. 517
 skin flaps, iii. 519
 by single flap, iii. 519
 by unequal flaps, iii. 520
 rectangular flaps, iii. 520
 cinematic, iii. 526
 cineplastic, iii. 526
 extension apparatus for stump, iii. 533
 motor club in, iii. 531
 loop in, iii. 530
 stump in, iii. 529
 of thigh, iii. 538
 through forearm, iii. 527
 through upper arm, iii. 537
 transitory, iii. 538
 circular, iii. 504, 505
 advantages, iii. 507
 cuff method, iii. 507
 suturing skin in, iii. 513
 treatment of muscle in, iii. 513
 technic, iii. 515
 clamping of vessels during, iii. 501
 combined circular and flap, iii. 515
 complications, iii. 514
 conical stump in, iii. 514
 contraction of tissues of stump in, iii. 514
 cuff method, iii. 515
 device for preserving functions of muscle after, iii. 533
 division of bone in, iii. 508
 of tissues in, iii. 501
 drainage in, iii. 513
 elliptical method, iii. 521
 flap, incising skin and fascia in, iii. 504
 combined with circular method, iii. 515
 suturing skin in, 513
 treatment of muscle in, iii. 513
 with single flap, iii. 519
 grafting upon stump in, iii. 502
 in compound fracture, conditions calling for, i. 520
 in lower third of forearm by circular method, iii. 556.

Amputation in presence of infection, iii. 502
 in upper two-thirds of forearm, iii. 557
 indications for, iii. 498
 infundibuliform, iii. 513
 instruments for, iii. 499
 intermediary, iii. 499
 interscapulothoracic, iii. 568
 irregular, iii. 522
 length of stump after, iii. 501
 lines of incision for, iii. 503
 methods, iii. 515
 muscle flaps in, iii. 512
 musculoperiosteal flaps in, iii. 508
 of all toes with part of all metatarsal bones, iii. 577
 of arm, iii. 559
 in lower third, iii. 560
 in middle third, iii. 561
 in upper third, iii. 562
 of fifth metacarpal bone with little finger, iii. 551
 of fingers, iii. 542
 anesthesia for, iii. 544
 through first phalanx, iii. 546
 through last phalanx, iii. 545
 through second phalanx, iii. 545
 with four inner metacarpal bones, iii. 551
 with fourth and fifth metacarpal bones, iii. 551
 with three inner metacarpal bones, iii. 551
 of first metacarpal bone with thumb, iii. 551
 of foot, iii. 575
 rules for, iii. 575
 of forearm, iii. 555
 of four inner metacarpal bones with fingers, iii. 551
 of fourth and fifth metacarpal bones with fingers, iii. 551
 of great toe with all of metatarsal bone, iii. 578
 of hand, iii. 550
 of leg, iii. 585
 by oblique circular incision, iii. 588
 cineplastic stumps in, iii. 587
 osteoplastic, by antero-internal flap, iii. 590
 supramalleolar, iii. 587
 through lower third, iii. 587
 through middle third, iii. 588
 through upper third, iii. 589
 with bilateral flaps, iii. 589
 with equal lateral flaps, iii. 589
 with large external flap, iii. 590
 of limbs in newborn in utero, iii. 697
 of little toe with all of metatarsal bone, iii. 578
 of lower extremities, iii. 570
 position of patient for, iii. 570
 of metacarpal bone with finger, iii. 551
 of penis, iii. 255
 of shoulder, iii. 568
 by posterior approach, iii. 569
 of thigh, iii. 594
 subtrochanteric, iii. 600

Amputation of thigh, supracondyloid, iii. 597
 through condyles, osteoplastic, iii. 596
 through lower third, iii. 598
 through shaft of femur, iii. 598
 of three inner metacarpal bones with fingers, iii. 551
 of thumb, iii. 548
 at metatarsophalangeal joint, oval method, iii. 549
 of toes, iii. 570
 with all of metatarsal bone, iii. 578
 with part of metatarsal bone, iii. 576
 of upper extremities, iii. 542
 of uterus for inversion, iii. 385
 osteoplastic, iii. 524
 oval method, iii. 517
 painful stump in, iii. 514
 position of patient for, iii. 500
 of stump cicatrix in, iii. 515
 of surgeon for, iii. 500
 preliminary nerve blocking in, iii. 512
 preparation of patient for, iii. 499
 prevention of hemorrhage in, iii. 500
 of shock in, iii. 499
 primary, iii. 499
 qualities of good stump in, iii. 514
 racket method, iii. 516
 results, iii. 514
 saline infusion in, iii. 501
 saving of blood in, iii. 500
 saving bone in, iii. 509
 secondary, iii. 499
 size of flaps in, iii. 502
 stump, bandage of, iii. 776
 for weight-bearing in, iii. 523
 ring traction for, iii. 533
 suturing flaps in, iii. 512
 skin in, iii. 513
 technic of making flaps for, iii. 503
 tenoplastic, iii. 526
 operations on stump in, iii. 532
 through femur, iii. 526
 through first phalanx of toe, iii. 573
 through humerus, iii. 526
 time of operation, iii. 499
 treatment of blood-vessels in, iii. 510
 of bone in, iii. 508
 of nerves in, iii. 511
 of redundant tissues in, iii. 512
 trimming of flaps in, iii. 512
 turning back flap in, iii. 505
 use of sphygmomanometer in, iii. 501
 ventral decubitus for, iii. 500
 weight-bearing stump in, iii. 541
 after-treatment, 540
 with flaps, ii. 507. See also *Flap amputation*.
 with reference to prosthetic apparatus iii. 523
 with tendinous bone covering, iii. 539
 without flaps, iii. 522
 indications for, iii. 523
 Amylene anesthesia, i. 118
 Anal region, fistula in, iii. 62. See also *Fistula in ano*.
 Analgesia, i. 92

- Anaphylaxis to antitetanic serum, i. 266
- Anastomosis, arteriovenous, i. 377
- arterial, Horsley's clamp for, i. 379
- end-to-end, of arteries, i. 374
- intestinal, ii. 646. See also *Intestinal anastomosis*.
- of anterior nerve roots in spinal canal, ii. 348
- of vas deferens to epididymis of opposite side for sterility, iii. 312
- uretero-ureteral, iii. 174
- urethrorectal, for incontinence of urine, iii. 331
- Ancestral peculiarities as factor in surgical treatment, i. 18
- Andrews' clamp method of intestinal anastomosis, ii. 676
- operation for hydrocele, iii. 314
- Anemia, artificial local, in hemorrhage, i. 367
- as factor in operation, i. 182
- from hemorrhage, i. 343
- local, anesthesia by, i. 155
- pernicious, ii. 785
- hemorrhage in, i. 360
- splenic, ii. 785
- Anesthesia, i. 92
- acapnia in, i. 123
- acetal, i. 118
- administration by mouth, iii. 807
- amylene, i. 118
- antidolorin, i. 117
- artificial respiration in, i. 98
- auto-, i. 102
- bromethyl, i. 118
- bromoform, i. 118
- by laryngeal puncture, i. 125
- by larynx, i. 125
- by local anemia, i. 155
- by nerve pressure, i. 155
- by pharynx, i. 124
- by suggestion, i. 127
- chloroform, i. 116. See also *Chloroform anesthesia*.
- chloroform-ether sequence, i. 119
- chloroform-oxygen, i. 120
- cocain, in eye operations, ii. 118
- complete surgical, i. 97
- dimethylacetal, i. 118
- epidural sacral injections for, i. 162
- ether, i. 104. See also *Ether anesthesia*.
- ether-oxygen, i. 120
- ethyl bromid, i. 118
- chlorid, i. 117
- chlorid-ether sequence, i. 119
- for amputation, iii. 490
- for operations on pituitary body, ii. 83
- for reducing dislocations, i. 610
- for skin-grafting, iii. 636
- for tooth extraction, ii. 278
- from cold, i. 154
- gas-ether sequence, i. 118
- general, i. 92
- after-effects, treatment, i. 104
- amount of anesthetic required, i. 100
- artificial respiration in, i. 98
- care of patient, i. 101
- Anesthesia, general, clearing of throat in, i. 97
- color of patient in, i. 99
- contraindications to, i. 102
- duties of anesthetist in, i. 95
- examination before, i. 92
- eye in, i. 99
- holding tongue in, i. 97
- in children, i. 102
- in status lymphaticus, i. 102
- intravenous, i. 164
- massage of heart in, i. 99
- mental state before, i. 94
- morphine before, i. 92
- mortality in, i. 99
- mouth gags for, i. 95
- points to watch in, i. 97
- position for, i. 94
- primary stage, i. 97
- protection of lips in, i. 100
- pulse in, i. 98
- purge before, i. 94
- respiration in, i. 97
- restraint in, i. 101
- selection of anesthetic in, i. 101
- state of excitement, avoidance, i. 96
- stimulants in, dangers of, i. 98
- stimulation in, i. 98
- technic, i. 95
- tests for, i. 97
- time required for, i. 97
- tongue forceps for, i. 95
- traumatic paralysis in, i. 100
- holocain, in eye operations, ii. 118
- hydrobromic ether, i. 118
- hypercapnia in, i. 123
- hypnotic, i. 126
- in adenoid operations, ii. 209
- in eye operations, ii. 138
- in nasal operations, ii. 181
- in operations on mouth, ii. 245
- in tonsillectomy, ii. 213
- infiltration, i. 127
- intermittent, i. 101
- intratracheal, i. 125
- kelen, i. 117
- laughing gas, i. 117
- local, i. 127. See also *Local anesthesia*.
- methylal, i. 118
- methylene bichlorid, i. 118
- ether, i. 118
- mixed, i. 118
- mixtures, i. 119
- nitrous oxid, i. 117
- and carbon dioxid, i. 123
- and oxygen, i. 120
- of fingers for amputation, iii. 544
- oil-ether rectal, i. 110. See also *Oil-ether rectal anesthesia*.
- operations without, i. 165
- parasacral, i. 162
- paravertebral, i. 152
- pental, i. 118
- rebreathing with, i. 122
- regional, i. 127
- sequences, i. 118
- somnoform, i. 118

- Anesthesia, spinal, i. 155. See also *Spinal anesthesia*.
 sterile water, i. 139
 surface contact, i. 127
 terminal, i. 128
 vaginal operations without, iii. 439
- Anesthesin in local anesthesia, i. 137
 in tuberculous laryngitis, i. 137
- Anesthetics, i. 92
 choice of, i. 103
 combined with oxygen, i. 120
 injection of nerve roots with, i. 152.
 See also *Nerves, blocking of*.
 local, i. 134
 poisoning from, i. 138
 mixtures of, i. 119
 operations without, i. 164
 selection of, in general anesthesia, i. 101
 warm versus cold, i. 103
 with carbon dioxide, i. 122
- Anesthetist, duties of, in general anesthesia, i. 95
- Anesthetizing cart, i. 94
 room, i. 167
- Anesthol, i. 119
- Aneurism, i. 380
 arteriovenous, i. 393
 of cavernous sinus, ii. 73
 axillary, i. 399
 carotid, i. 399
 chronic, i. 381
 cirroid, i. 400
 compress of artery in, i. 381, 382
 dissecting, i. 380
 electricity in, i. 381
 electrolysis in, i. 382
 femoral, i. 398
 gradual obliteration of arteries in, i. 384
 hygienic treatment, i. 381
 irritation of sac in, i. 382
 ligation of artery in, i. 382
 medical treatment, i. 381
 Neff's clamp, i. 384
 obliterative operation, i. 385
 of abdominal aorta, i. 397
 of buttock, i. 398
 of external iliac artery, i. 398
 of innominate artery, i. 399
 of internal iliac artery, i. 398
 of renal artery, iii. 151
 of scalp, ii. 25
 arteriovenous, ii. 25
 cirroid, ii. 25
 of thoracic aorta, i. 396
 pelvic, i. 398
 plication of arteries in, i. 384
 popliteal, i. 399
 reconstructive operation in, i. 389
 restorative operation in, i. 389
 spontaneous cure, i. 393
 subclavian, i. 400
 traumatic, i. 380
 wiring in, i. 382
- Aneurismectomy, i. 391
 with arteriorrhaphy, i. 392
 with transplantation of vein and artery, i. 392
- Aneurismorrhaphy, i. 384
- Angeitis, obliterating, gangrene from, i. 316
- Angina, Ludwig's, ii. 362
- Angioma, i. 325, 453
 cavernous, i. 454
 electrolysis in, i. 453
 of brain, ii. 75
 of breast, ii. 475
 of gums, ii. 280
 of lips, ii. 254
 of liver, iii. 112
 of rectum, iii. 75
 of scalp, ii. 25
 of vulva, iii. 328
 radium in, iii. 714
 spongy, i. 454
- Angiosarcoma of bones, i. 710
- Angiotribe, i. 80
 in hemorrhage, i. 339, 340
- Angular clamp for pyloroplasty, ii. 747
- Angulation of intestines, chronic obstruction from, ii. 610
- Anidrosis, i. 844
 cold cream for, i. 849
- Animal fat, influence of, on leukocytosis, i. 20
 membranes, i. 74
 parasites of skin, i. 848
- Ankle, iii. 468
 and foot, bandage of, spica, iii. 774
 covering heel, iii. 775
 exposing heel, iii. 775
 disarticulation at, iii. 583
 with preservation of posterior part of os calcis, iii. 585
 with removal of malleoli, iii. 584
 dislocations of, i. 649
 congenital, i. 618
 excision of, i. 753. See also *Excision of ankle*.
 sprains of, i. 650
 tuberculosis of, i. 678
- Ankyloblepharon, ii. 119, 120
- Ankylosing arthritis, plastic, i. 662
- Ankylosis after fractures of lower extremity of humerus, i. 571
 cartilage grafts in joint resections for, i. 759
 excision of elbow for, i. 745
 interposition of foreign membranes in, i. 759
 of periosteum for, i. 759
 of soft tissue flaps in, i. 757
 of elbow arthroplasty for, i. 762
 of hand and fingers, disturbances of motion due to, iii. 453
 of hip, iii. 463
 arthroplasty for, i. 765
 osteotomy in, i. 713
 of joints, i. 686
 operative treatment, i. 686.
 of knee, arthroplasty for, i. 766
 with deformity, bone-grafts in, i. 787
 of lower jaw, Esmarch's operation for, i. 726
 excision of condyle for, i. 726
 operations for, i. 726
 of patella, arthroplasty for, i. 767

- Ankylosis of shoulder, arthroplasty for, i. 761
of spine, bone-grafts to produce, i. 780
of temporomaxillary joint, arthroplasty for, i. 760
of wrist, arthroplasty for, i. 764
operations for, i. 757
prevention of, by oil injections, i. 756
transplanted soft tissues for, i. 758
- Annandale's operation through upper jaw to reach nasopharynx, i. 724
- Annular ligament, extension of infection above, iii. 449
- Anoci-association, i. 213, 214
- Anomalies of penis, iii. 253
- Anosacral cysts, iii. 461
- Anoxemia, i. 123
- Anteflexion of uterus, iii. 385
- Anterior sclerotomy, i. 156
- Anteversio of uterus, iii. 385
- Anthrax, i. 271
operative treatment, i. 271
serum treatment, i. 272
vaccine treatment, i. 272
- Antibody antagonism as factor in surgical treatment, i. 26
- Antidiphtheritic serum in hemorrhage, i. 342
- Antidolorin anesthesia, i. 117
- Antiferment treatment of abscesses, i. 234
- Antigonococcus serum in gonorrhoea, iii. 283
- Antisepsis, i. 27
urinary, iii. 141
- Antiseptics, i. 57, 59
for eye use, ii. 118
in bronchiectasis, ii. 419
intravenous injection, in septicemia of unknown origin, i. 261
local urinary, iii. 142
treatment of infected wounds with, i. 242
- Antistreptococcic serum as hemostatic, i. 342
- Antitetanic serum, i. 265
anaphylaxis to, i. 266
dried, i. 265
in frost-bite, i. 265
intravenous injection, i. 266
method of injection, i. 266
saturation dose, i. 266
spinal injection, i. 266
- Antitoxins, i. 255
in anthrax, i. 271
in septicemia, i. 260
- Antivenene in snake bite, i. 275
- Antrum, mastoid, ii. 299
maxillary. See *Maxillary antrum*.
of Highmore. See *Maxillary antrum*.
- Anuria, postoperative, i. 226
- Anus, iii. 53
anatomy, iii. 53
and rectum, prolapse of, iii. 67
artificial, ii. 687
closure of, ii. 616
operation for securing muscular control of, ii. 694
eczema of, i. 832
excision of rectum through, for cancer, iii. 76
- Anus, fissure of, iii. 64
chronic intestinal obstruction from, ii. 610
fistula of, iii. 62. See also *Fistula in ano*.
imperforate, iii. 66
inguinal, in cancer of rectum, iii. 76
operations on, local anesthesia in, i. 152
preparation of, for operation, i. 180
preparations for operation on, iii. 54
pruritus of, i. 843
ulcer of, chronic intestinal obstruction from, ii. 610
- Aorta, abdominal, aneurism of, i. 397
compression of, in hemorrhage, i. 360
ligation of, i. 426
thoracic, aneurism of, i. 396
- Aperiosteal amputation, iii. 510
- Apthous ulcers of tongue, ii. 290
- Apituitarism, ii. 83
- Apoplexy, spontaneous cerebral, ii. 58
temporal craniotomy in, ii. 58
- Apothesin as local anesthetic, i. 137
- Apparatus, prosthetic, iii. 607
- Appendectomy by lumbar route, iii. 101
in quiescent stage of appendicitis, iii. 101
local anesthesia for, i. 150
- Appendicitis, iii. 87
abscess in, in unusual position, iii. 100
age of prevalence, iii. 87
cases not requiring operation, iii. 88
colon bacillus vaccines in, iii. 88
complicating gall-bladder infection, iii. 117
dread of, operation in, iii. 103
etiology, iii. 87
fulminating, iii. 101
gangrenous, iii. 100
in children, iii. 102
in pregnancy, iii. 102
in women, iii. 102
left-sided, iii. 101
nonoperative treatment, iii. 88
Ochsner's treatment, iii. 90
operation in, iii. 90
after-treatment, iii. 91
by lumbar route, iii. 101
drainage in, iii. 98
in first stage, iii. 90, 92
in fourth stage, iii. 91
in quiescent stage, iii. 101
in second stage, iii. 90
in third stage, iii. 91
interval, iii. 101
mortality, iii. 104
results, iii. 103
technic, iii. 92
unhealed wounds after, iii. 102
perforative, iii. 100
postoperative complications, iii. 101
treatment, iii. 103
pre-operative treatment, iii. 89
prophylaxis, iii. 87
rupture of abscess in, iii. 99
simulated by contracture of psoas paravular muscle, i. 796

Appendicitis, subperitoneal, iii. 101
 treatment, iii. 87
 tuberculous, iii. 101
 typhoid, iii. 101
 with circumscribed abscess, iii. 98
 with diffuse suppurative peritonitis, iii. 100

Appendicostomy, ii. 571

Appendicular colic, iii. 104

Appendix, iii. 86, 805
 actinomycosis of, iii. 104
 anatomy, ii. 624; iii. 86
 and cecum, hernia of, iii. 51
 cancer of, iii. 104
 exposure of, incision for, ii. 510
 foreign bodies in, iii. 104
 healthy, removal of, iii. 103
 hernia of, iii. 104
 transplantation of, iii. 649
 tumors of, iii. 104

Applications, i. 57

Applicators, radium, iii. 709, 713

Approximation sutures, i. 196

Apron stretcher, iii. 725

Arachnoid space, tapping of, ii. 348.

Arch, supra-orbital, ii. 46

Areas, sensory pain, i. 128

Argenol as antiseptic, i. 67

Argentamin as antiseptic, i. 67

Argentized catgut, i. 36

Argentos as antiseptic, i. 67

Argonin as antiseptic, i. 67

Argyrol as antiseptic, i. 67

Aristol as antiseptic, i. 70

Arm, amputation of, iii. 559
 in lower third, iii. 560
 in middle third, iii. 561
 in upper third, iii. 562
 and shoulder, bandage of, immobilizing, iii. 755
 brawny, i. 463
 congenital deformity of, iii. 457
 deep infections of, iii. 444
 muscles moving, i. 893
 paralysis of biceps, tendon transplantation in, i. 812
 upper, cineplastic amputation through, iii. 537
 fixation bandage of, iii. 757

Arsenic in inoperable cancer, i. 332
 paste as caustic, i. 74

Arsenobenzol in syphilis, i. 298

Arsphenamine in syphilis, i. 298

Arterial infusion, local anesthesia by, i. 134
 occlusive gangrene, i. 317
 tension, high, as factor in operation, i. 180

Arteries, i. 371
 anterior tibial, ligation of, i. 443
 axillary, ligation of, i. 415
 indications for, i. 418
 brachial, ligation of, i. 418
 carotid, wounds of, ii. 360
 catheterization of, i. 380
 common carotid, anatomy, i. 406
 ligation of, i. 406
 at inferior carotid triangle, i. 407
 at superior carotid triangle, i. 408

Arteries, common carotid, ligation of, indications for, i. 408
 slow, i. 408
 iliac, ligation of, i. 426
 extraperitoneal, i. 426
 compression of, in aneurism, i. 381, 382
 in hemorrhage, i. 360
 dorsalis pedis, ligation of, i. 445
 end-to-end anastomosis of, i. 374
 external carotid, ligation of, i. 409
 iliac, ligation of, i. 429
 facial, ligation of, i. 412
 femoral, anatomy, i. 434
 embolism of, i. 455
 ligation of, i. 431
 for varicose veins, i. 453
 indications, i. 436
 gluteal, ligation of, i. 430
 gradual obliteration of, in aneurism, i. 384
 iliac, common, embolism of, i. 455
 inferior thyroid, ligation of, i. 410
 inflammations of, i. 380
 innominate, ligation of, i. 403
 indications for, i. 406
 intercostal, wounds of, ii. 398
 internal carotid, ligation of, i. 410
 iliac, ligation of, i. 430
 mammary, wounds of, ii. 398
 pudic, ligation of, i. 431
 lateral anastomosis of, Horsley's clamp for, i. 379
 ligation of, in aneurism, i. 382
 materials for, i. 402
 technic, i. 401
 lingual, ligation of, i. 411
 loss of substance in, i. 379
 middle meningeal, ii. 47
 occipital, ligation of, i. 412
 occlusion of, i. 401
 of head and neck, ligation of, incisions for, i. 404
 plication of, in aneurism, i. 384
 popliteal, ligation of, i. 437
 posterior auricular, ligation of, i. 412
 tibial, ligation of, i. 441
 in middle of leg, i. 442
 press for compression in hemorrhage, i. 366
 pulmonary, embolism of, i. 457
 radial, deep palmar branch, ligation of, i. 426
 ligation of, i. 421
 renal, accessory, iii. 139
 sciatic, ligation of, i. 431
 subclavian, ligation of, i. 413
 superior thyroid, ligation of, i. 411
 suturing of, i. 371. See also *Suture of arteries*.
 temporal, ligation of, i. 412
 transplantation of, iii. 648
 traumatism of, i. 371
 ulnar, ligation of, i. 424
 vertebral, ligation of, i. 41c
 wounds of, i. 371
 ligation in, i. 338

Arteriorrhaphy, aneurismectomy with, i. 392

- Arteriovenous anastomosis, i. 377
aneurism, i. 393
of scalp, ii. 25
- Arteritis, i. 380
chronic, i. 380
- Arthrectomy, i. 710
in tuberculosis of joints, i. 665
of knee-joint, i. 710, 752
in tuberculosis, i. 677
- Arthritis, i. 657
chronic, i. 661
deformans, i. 661; iii. 463
Streptococcus viridans theory of, ii. 613
gonorrhoeal, i. 660
formalin-glycerin injections in, iii. 806
in influenza, i. 660
infective, acute, i. 658
of fingers, iii. 450
of hip, acute suppurative, iii. 462
chronic, iii. 462
subacute, iii. 462
of metacarpal joints, iii. 450
of sternoclavicular joint, ii. 398
of wrist, iii. 450
plastic ankylosing, i. 662
pneumococcus, i. 660
rheumatic, i. 660
rheumatoid, i. 661
specific, acute, i. 660
typhoid, i. 660
thrombosis, i. 738
for congenital talipes valgus, iii. 482
- Arin flat-foot, i. 739
in hammer-toe, i. 739
in infantile paralysis, i. 738
in osteo-arthritis, i. 739
in paralytic relaxation of hip, i. 739
in stiffening of knee, i. 739
in wrist-drop, i. 739
of astragaloscaphoid joint in flat-foot, iii. 488
- Arthropathy, tabetic, i. 681
- Arthroplasty, i. 757
for ankylosis of elbow, i. 762
of hip, i. 765
of knee, i. 766
of patella, i. 767
of shoulder, i. 761
of temporomaxillary joint, i. 760
of wrist, i. 764
- Arthrotomy, i. 755
in old unreduced dislocations of hip, i. 646
incisions for, i. 756
of hip, iii. 462
of knee, i. 756
- Articular rheumatism, acute, i. 660
- Artificial anus, ii. 687
closure of, ii. 616
operation for securing muscular control of, ii. 694
feet, simple, iii. 613
hyperemia, i. 229-232. See also *Bier's hyperemia*.
impregnation, iii. 438
larynx, Glück's, ii. 236
- Artificial legs, simple, iii. 613
pneumothorax in tuberculosis, ii. 416
respiration, iii. 717, 730
Howard's method, iii. 718
in general anesthesia, i. 98
instruments for, iii. 719
prone method, iii. 718
Schäfer's method, iii. 717
Sylvester's method, iii. 719
- Asbestos absorbent wool dressings, i. 42
- Ascites, ii. 557
anastomosis of saphenous vein with peritoneum in, ii. 560
of vena cava with portal vein in, ii. 561
with superior mesenteric vein in, ii. 563
aspiration in, ii. 557
drainage into bladder in, ii. 561
Eck's fistula in, ii. 561
intra-abdominal adhesions in, artificial formation of, ii. 558
nutmeg liver in, ii. 558
of cirrhosis of liver, iii. 112
paracentesis in, iii. 112
subcutaneous drainage in, ii. 559
tapping in, ii. 557
- Asepsis, i. 27, 166. See also *Sterilization*.
Aseptic surgical fevers, i. 259
wounds of joints, i. 654
- Ashurst's method of cineplastic amputation, iii. 530
- Aspermia, obstructive, iii. 311
obstructive, sterility from, iii. 311
- Asphyxia from coal gas, iii. 720
from illuminating gas, iii. 720
from smoke, iii. 733
resuscitation in, iii. 733
traumatic, hemorrhage in, i. 360
- Aspirating jar, i. 81
syringe, i. 81
- Aspiration, aseptic, of tuberculous abscess, i. 281
in ascites, ii. 557
in drainage in abdominal operations, ii. 526
in hydrothorax, ii. 401
of bladder, suprapubic, iii. 213
pneumonia from ether, i. 105
- Aspirator, i. 79
- Assistants at operation, personal care, i. 172
- Asthma, thymic, ii. 394
- Astragaloscaphoid joint, arthrodesis of, in flat-foot, iii. 488
- Astragalus, dislocations of, i. 649
excision of, i. 735, 736
fractures of, i. 608
- Astringents in hemorrhage, i. 341
- Atlas and axis, dislocations between, i. 622
- Atomizer, ii. 181
- Atonic dilatation of stomach, chronic, ii. 713
- Atony of bladder, iii. 207
- Atresia of esophagus, ii. 433
of lacrimal canals, ii. 136
of puncta lacrimalia, ii. 136
of vagina, iii. 357
- Atrophia pilorum propria, i. 847

- Atrophic rhinitis, ii. 187
 skin diseases, i. 843
 synovitis, i. 658
- Atrophy, muscular, in fractures, i. 525
 of bladder, iii. 207
 of bones of skull, ii. 41
 of hair, i. 847
 of hand, iii. 450
 of nails, i. 848
 of optic nerve, ii. 135
 of prostate, iii. 248
- Atropin as mydriatic, ii. 117
 in dysmenorrhea, iii. 395
- Auditory canal, external, ii. 299, 304
 acute circumscribed inflammation of, ii. 304
 animate bodies in, ii. 305
 cellulitis of, ii. 304
 cholesteatoma of, ii. 306
 diffuse inflammation of, ii. 304
 eczema of, ii. 304
 epithelial plug in, ii. 306
 examination of, ii. 302
 exostoses of, ii. 304
 foreign bodies in, ii. 305
 impacted cerumen in, ii. 305
 inanimate bodies in, ii. 305
 keratosis obturans of, ii. 306
 mycosis of, ii. 304
 wounds of, ii. 304
 nerve, diseases and injuries of, i. 890
 injuries of, ii. 63
 sensory center of brain, ii. 45
- Aural specula, ii. 302
- Auricle ii. 303
 boils of, ii. 304
 cellulitis of, ii. 303
 congenital defects, ii. 303
 excessive development of, ii. 303
 freeing attached lobe of, iii. 653
 frost-bite of, ii. 304
 furuncles of, ii. 304
 hematoma of, ii. 303
 laceration of lobe, plastic operation for, iii. 653
 lobule of, cleft, ii. 303
 malformations of, ii. 303
 perichondritis of, ii. 303
 plastic operations on, iii. 649
 for restoring parts, iii. 652
 size, iii. 652
 skin diseases of, ii. 304
 supernumerary, ii. 303
 wounds of, ii. 303
- Auricular artery, posterior, ligation of, i. 412
 point, ii. 45
 right, paracentesis of, ii. 425
- Auriculotemporal craniotomy for exposure of Gasserian ganglion, ii. 106
 nerve, division of, in neuralgia, i. 874
- Auto-anesthetization, i. 102
- Autogenous bone-grafts, i. 772
 for skull defects, i. 775
 vaccines, i. 256
 in pruritus ani, iii. 65, 818
 results from, i. 256
- Autoplastic bone flaps, filling defects in bones with, i. 699
 strengthening of sutures by, i. 203
 bone-grafts, i. 772
 nerve bridging, i. 855
 transplantation, i. 856
- Autoserotherapy in hydrothorax, ii. 402
- Autoserum treatment of skin diseases, i. 849
- Autotoxic neuritis, i. 862
- Avulsion of members, i. 224
 of scalp, ii. 23
 complete, ii. 23
 of tubercle of tibia, i. 603
 slow, in neuralgia, i. 871
- Axilla, abscess of, iii. 453
 and neck, bandage of, iii. 753
 bandage of, cravat, iii. 787
 cancer of, extensive recurrent, ii. 494
 lymphatics of, ii. 472
 tumors of, iii. 453
 wounds of, iii. 452
- Axillary aneurism, i. 399
 artery, anatomy, i. 417
 ligation of, i. 415
 indications for, i. 418
 embolism, i. 455
- BABCOCK'S incision for transpelvic amputation at hip-joint, iii. 607
- Babies, mastoid operation on, ii. 318
- Bacillus aerogenes capsulatus, infection with, i. 270
 Bulgarian, as urinary antiseptic, iii. 142
 in treatment of cystitis, iii. 192
 coli, cystitis from, iii. 192
 diphtheriae, wound infection with, i. 262
 emulsion in tuberculosis, i. 258
 sensitized, in tuberculosis, i. 258
 hodgkini, i. 465
 lactic acid, for leukorrhoea, iii. 370
 proteus, cystitis from, iii. 192
 pyocyaneus infection, i. 261
- Back, painful, ii. 350
- Bacterins, i. 255. See also *Vaccines*.
- Bacteriolysis as factor, i. 26
- Bacteriuria, urinary retention from, iii. 212
- Bags, sand, i. 82
- Balanitis, iii. 251
 gangrenous, iii. 251
 preputial, iii. 251
- Baldness, i. 846
- Baldwin's method of forming new vagina by intestinal transplantation, iii. 359
- Ballance's operation in facial paralysis, i. 887
- Balsam-of-Peru, as antiseptic, i. 71
 gauze, i. 40
- Bandage, iii. 735
 adhesive plaster, iii. 794
 application, iii. 735
 capitellum, antero-posterior, iii. 746
 single, iii. 748
 transverse, iii. 747
 circular, iii. 737
 cravat, simple occipitofrontal, iii. 784
 crepe paper, iii. 794

- Bandage, Esmarch, i. 56
 for inflammation, i. 229
 figure-of-eight, iii. 741
 fixing to prevent displacement, iii. 737
 flannel, i. 55
 forehead-chin, iii. 743
 -mouth, iii. 744
 -neck, iii. 744
 fronto-occipital, iii. 746
 triangle, iii. 784
 gauze, i. 55
 handkerchief, iii. 783
 iliofemoral triangular, iii. 792
 many-armed, iii. 782
 Martin's for inflammation, i. 229
 materials for, iii. 735
 methods of rolling, iii. 736
 muslin, i. 55
 oblique, iii. 739
 of amputation stump, iii. 776
 of axilla, cravat, iii. 787
 of breast, single compression, iii. 766
 triangular suspensory, iii. 791
 of breasts, double compression, iii. 767
 of buttock, spica, iii. 768
 of cheek, iii. 743
 of chest, anterior figure-of-eight, iii. 766
 posterior figure-of-eight, iii. 766
 special, iii. 765
 triangular, iii. 791
 of chin, four-armed, iii. 783
 of ear, iii. 750
 of elbow, mobilizing, iii. 759
 of eye, cravat, iii. 787
 crossed, iii. 750
 oblique, iii. 749
 split, iii. 779
 of face and scalp, iii. 786
 cravat, iii. 786
 crossed, iii. 743
 of fingers and hand, glove, iii. 761
 complete, iii. 762
 spiral, iii. 760
 of foot and ankle, spica, iii. 774
 covering heel, iii. 775
 exposing heel, iii. 775
 triangular, iii. 792
 of forearm, cravat sling, iii. 787
 triangular sling, iii. 790
 of groin, ascending spica, iii. 767
 descending spica, iii. 768
 spica, thigh bandage with, iii. 768
 of hand, iii. 761
 triangular, iii. 792
 of head and neck, iii. 742
 cravat, crossed, iii. 787
 four-armed, iii. 785
 universal, iii. 742
 with median piece, iii. 742
 of knee, mobilizing, iii. 769
 triangular, iii. 792
 of knees, adducting immobilizing, iii. 770
 of leg, iii. 772
 of lower extremities, iii. 767
 of neck and axilla, iii. 753
 simple, iii. 750
 thyroid, iii. 750
- Bandage of pelvis, diaper, iii. 782
 of penis, iii. 776
 of scalp and chin, iii. 786
 cravat, iii. 784
 double lateral, iii. 744
 of scrotum, iii. 777
 suspensory, iii. 781
 hammock, iii. 781
 of shoulder and arm, immobilizing, iii. 755
 descending spica, iii. 754
 immobilizing, iii. 755
 triangular, iii. 791
 of special regions, iii. 742
 of thigh, iii. 769
 with spica of groin, iii. 768
 of thumb, spica, iii. 761
 of toes, iii. 775
 of trunk, iii. 765
 of upper arm, fixation, iii. 757
 extremities, iii. 753, 760
 plaster-of-Paris, 57
 recurrent, iii. 742
 removal, iii. 736
 requirements, iii. 735
 roller, improvised from square, iii. 794
 rubber, i. 56
 rules for application, iii. 737
 simple forms, iii. 737
 spica, iii. 741
 of shoulder ascending, iii. 753
 spiral, iii. 739
 reverse, iii. 739
 square, iii. 783
 starch, i. 56
 T-, i. 49; iii. 780
 split, iii. 781
 triangular, i. 49; iii. 783
 tricot, i. 55
 tripolith, i. 56
 universal scarf, iii. 793
 water-glass, i. 56
 weaving, iii. 742
 Bandaging, iii. 735
 support for pelvis in, iii. 767
 Bands, metallic, in fractures, i. 506
 Banti's disease, ii. 785
 Barium, iii. 709
 Barney's urethrotomy, simplified external
 perineal, iii. 296
 Barraquer's method of cataract extraction,
 ii. 174
 Bars, prostatic, iii. 244
 Bartholin's glands, iii. 324
 gonorrheal inflammation of, iii. 284
 Bartlett's method of sterilizing catgut, i. 36
 of nephropexy, iii. 168
 Base and vault of skull, fractures of, i. 537
 of skull, fractures of, i. 534
 Bassini's operation for inguinal hernia, iii.
 32
 Bath, daily, i. 24
 warm, in tetanus, i. 269
 Bayer's method of restoring end of nose,
 iii. 679
 Beal's method for suction drainage of
 bladder, iii. 224

- Beck's bismuth paste injections in sinuses,
i. 306
operation for hypospadias, iii. 267
- Bedbugs, bites of, i. 275
- Bed cradle, i. 23, 24
frame for supporting suspension splints,
i. 488
hospital, i. 22, 23
- Bed-lift, i. 25
- Bed-pan, i. 24
- Bed-sores, i. 313
prevention, i. 24
skin powder for, i. 313
- Beef serum, i. 59
- Beer and Elsberg's method of laminectomy
in medullary tumors of spinal cord, ii.
341
- Bees, stings of, i. 276
- Bellocq's canula in nasal hemorrhage, ii.
185
- Bell's palsy, i. 881. See also *Facial
paralysis*.
- Belt, abdominal, for hernia, iii. 17
constriction, in hemorrhage, i. 363
- Benign cysts, i. 325
tumors of breast, ii. 475
incisions for removal, ii. 477
of kidney, iii. 151
of liver, iii. 112
of stomach, ii. 703
- Benzoate of mercury in syphilis, iii. 814
- Benzoic acid, as antiseptic, i. 67
- Benzoin varnish antiseptic, i. 73
- Benzol in leukemia, i. 466
- Berkowitz and Seff's treatment of parony-
chia, iii. 442
- Bernheim's clamp for indirect blood trans-
fusion, i. 353
- Beta-naphthol, as antiseptic, i. 71
- Beta rays of radium, iii. 709
- Bevan's incision for operations on bile
tract, iii. 120
operation for hypospadias, iii. 269
for undescended testicle, iii. 308
- Biceps femoris, tendon of, tenotomy of, i.
815
of arm, paralysis of, tendon transplanta-
tion in, i. 812
- Bichlorid eczema, i. 833
gauze, i. 40
of mercury, as antiseptic, i. 59
method for catgut, 35
- Bier's hyperemia, i. 229-232
active, i. 229
for inflammation, i. 229
in felon, iii. 442
in malposition of joints, i. 686
in neuralgia, i. 863
in tuberculosis, i. 280
of joints, i. 664
of knee-joint, i. 675
in tuberculous abscess, i. 282
in wound infection, i. 28
passive, i. 229
method of osteoplastic amputation, iii. 516
- Bind tongue, ii. 286
uvula, ii. 255
- Bigelow's evacuator for litholapaxy, iii. 199
lithotrite, iii. 199
method of introduction, iii. 200
method of reducing hip dislocations, i.
641, 643
- Bilateral torticollis, ii. 375
- Bile feeding for biliary fistula, iii. 117
- Bile-duct, common. See *Common duct*.
- Bile-tract and gastro-intestinal tract, per-
foration between, iii. 116
diseases of, after-treatment, iii. 137
complications after, iii. 136
recurrence after operation, iii. 136
infections of, iii. 114
treatment, iii. 115
operations on, anesthesia in, iii. 119
appliances for, iii. 118
position of patient for, iii. 118
preparation of patient for, iii. 118
- Biliary calculi, ii. 780; iii. 116. See also
Gall-stones.
cirrhosis, ii. 785
colic, acute, iii. 115
fistula, iii. 117
bile feeding for, iii. 117
saline injections through, iii. 117
- Billroth's anesthetic mixture, i. 119
- Binder for movable kidney, iii. 154
- Binders, abdominal, i. 50
breast, i. 49
for abdominal operations, ii. 520
- Binnie's method of osteoplastic amputation,
iii. 526
- Bipp paste, i. 248. See also *Bismuth
paste*.
- Birth palsy, brachial, i. 894
- Birth-mark, radium for, iii. 714
- Biskra button, i. 273
- Bismuth formic-iodid as antiseptic, i. 72
gauze, i. 40
oxyiodid as antiseptic, i. 71
paste combined with instillation for
infected wounds, iii. 812
in chronic suppurative otitis media, ii.
310
in empyema, ii. 412, 413
in fistula in ano, iii. 64
in infected wounds, i. 248
in sinuses, i. 306
phosphate as antiseptic, i. 72
salicylate as antiseptic, i. 72
subcarbonate as antiseptic, i. 72
subgallate as antiseptic, i. 71
subiodid as antiseptic, i. 71
subnitrate as antiseptic, i. 72
- Bites of insects, i. 275
on mouth, ii. 247
snake, i. 274, 275
- Blackheads, i. 845
treatment, i. 849
- Bladder, iii. 182
anatomy, iii. 182
aspiration, suprapubic, iii. 213
atony, iii. 207
atrophy, iii. 207
cancer, iii. 196
radium in, iii. 712

- Bladder, canulization of, suprapubic, iii. 213
 contracture at meatus, urinary retention from, iii. 212
 contusions of, iii. 190
 diverticula of, iii. 206
 drainage into, in ascites, ii. 561
 drainage of, by suction, iii. 222
 perineal, iii. 222
 permanent, iii. 221
 suprapubic, iii. 221
 urethral, iii. 222
 exstrophy of, iii. 203
 implantation of ureters into cecum for, iii. 205
 Maydl's operation for, iii. 204
 female, iii. 324
 foreign bodies in, iii. 203
 gall-stones impacted at exit of, iii. 116
 hernia of, iii. 51
 hypertrophy of, iii. 206
 implantation of ureter into, iii. 176
 inflammation of, iii. 191. See also *Cystitis*.
 injuries of, iii. 190
 instruments, iii. 183
 lubrication of, iii. 183
 sterilization of, iii. 183
 operations on, iii. 213
 control of hemorrhage in, iii. 197
 overdistention, atonic, retention from, iii. 209
 papilloma of, iii. 196
 perineal drainage, iii. 220
 polyp of, fulguration for, iii. 703
 preparation of, for operation, i. 180
 reconstruction of, iii. 226
 rectal drainage of, for vesicovaginal fistula, iii. 352
 resection of, iii. 224
 rupture of, iii. 190
 extraperitoneal, iii. 191
 intraperitoneal, iii. 191
 sphincter of, incontinence of, iii. 207, 330
 stone in, iii. See also *Stone in bladder*.
 total removal of, iii. 225
 transvaginal rectal drainage of, for incontinence, iii. 331
 trigonum of, iii. 182
 tuberculosis of, iii. 193
 tumors of, iii. 194
 inoperable, iii. 197
 transperitoneal operation for, iii. 197
 route for removal, iii. 224
 ulceration of, chronic infiltrating, iii. 194
 urinary, papilloma of, fulguration for, iii. 700
 wounds of, iii. 190
 Blad's method of drainage in ascites, ii. 560
 Blankets, i. 48
 Blastomycosis, i. 838
 of eyelids, ii. 120
 Bleaching powder, i. 61
 Bleeding. See *Hemorrhage*.
 ulcers, i. 314
 Blepharitis, ii. 119
 squamous, ii. 119
 Blepharophimosis, ii. 119, 120
 Blepharoplasty, ii. 142
 for resection of eyelids, ii. 147
 Blepharospasm, ii. 120
 Blepharotomy, ii. 143
 Blindness with brain tumors, ii. 178
 Blocking, nerve, alcohol injections for, i. 864
 Blood as hemostatic, i. 342
 clot, filling bone cavities with, i. 704
 defibrinated, in hemorrhage, i. 343
 from abdomen for transfusion, iii. 818
 sequestration of, for control of hemorrhage, i. 369
 tests of donor's, transfusion, iii. 814
 transfusion, 348. See also *Transfusion, blood*.
 Blood-cells, preserved red, transfusion with, iii. 815
 Blood-cysts, mesenteric, ii. 564
 Bloodless disarticulation at shoulder-joint, iii. 563
 Blood-letting. See *Venesection*.
 Blood-nitrogen retention of kidney function, iii. 144
 Blood-pressure, effects of ether on, i. 105
 Blood-serum as hemostatic, i. 342
 Blood-vessels, i. 334
 closing of, absorbable metal clips for, i. 339
 injuries to, in dislocations, i. 611
 laceration of, in fractures, i. 524
 transplantation, iii. 647
 treatment of, in amputation, iii. 510
 wound of, cut-throat with, ii. 360
 Blowing nose in nasal infections, ii. 186
 Blumberg's operation on Fallopian tubes to induce sterility, iii. 429
 Boas' extra-anal method of treating hemorrhoids, iii. 74
 Bode's position for drainage, ii. 528
 Body, ciliary. See *Ciliary body*.
 Boeckel's operation through upper jaw to reach nasopharynx, i. 723
 Bogojawlensky's osteoplastic flap operation on pituitary body, ii. 88
 Boiling water, sterilization by, i. 31
 Boils, i. 253, 827
 Aleppo, i. 273
 nasal, i. 273
 of auricle, ii. 304
 Oriental, i. 273
 vaccines in, i. 253, 829
 Boldt's binder for abdominal dressings after operation, ii. 520
 Bolster sutures, i. 197
 Bone cylinders in fractures, i. 507
 drill, brace for, ii. 29
 ferrules in fractures, i. 507
 flaps, autoplasmic, filling defects in bones with, i. 699
 heteroplastic, i. 700
 Bone-grafts, i. 772
 Albee's, in fractures, i. 507
 autogenous, i. 772
 for skull defects, i. 775
 autoplasmic, i. 772

Bone-grafts, curved, method of preparing, i. 780
 electric motor for cutting, i. 69r
 for club-foot, iii. 477
 for filling bone-defects, i. 772
 from cadaver, i. 772
 heteroplastic, i. 772
 in ankylosis of knee-joint with deformity, i. 787
 in bow-leg deformity, i. 787
 in dislocations of hip, i. 783
 in fracture of clavicle, i. 511
 of condyles, i. 515
 of forearm, i. 512
 of humerus, i. 511
 of lower jaw, i. 518
 of malleolus, i. 516
 of neck of femur, i. 512
 of olecranon, i. 511
 of os calcis, i. 517
 of patella, i. 516
 in habitual dislocation of patella, i. 787
 in paralytic scoliosis, i. 782
 in sacro-iliac joint, i. 783
 in spina bifida, i. 783
 in spondylolisthesis, i. 783
 in tuberculous spondylitis, i. 776. See also *Bone-grafts of spine*.
 inlay, method of holding, i. 774
 methods of cutting, i. 773, 774
 of fixation, i. 772
 of astragalus for restoring head of femur, i. 785
 of phalanges, i. 786
 of skull, i. 775
 of spine, i. 776
 after-treatment, i. 781
 choice of operation, i. 781
 contraindications, i. 781
 indications for use of, i. 780
 inlaid, in split spinous processes, i. 777
 lateral, i. 776
 results of, i. 782
 to produce ankylosis, i. 780
 preparation of, i. 772
 sliding, i. 509
 technic, i. 772
 tibial, i. 772, 773
 transplanted, i. 511
 instruments, extemporized, i. 89
 temporal, infections of, intracranial complications, ii. 318
 transplantation, ii. 772
 Bone-cutting forceps, linear, Hudson's, ii. 29
 Bones, angiosarcoma of, i. 710
 apparatus for moving, in fractures, i. 497
 autoplasmic operations with, in osteomyelitis, i. 698
 caries of, i. 468
 chips of, for filling bone cavities, i. 704
 congenital defects of, i. 471
 contusions of, i. 467
 cysts of, i. 709
 denuded, i. 467
 diseases of, i. 467

Bones, diseases of, talipes due to, iii. 484
 displaced, in fractures, i. 524
 enchondroma of, i. 709
 excisions of, i. 717
 filling cavities in, i. 701
 absorbable materials for, i. 705
 bone chips for, i. 704, 705
 from bone tumors, i. 706
 from tuberculosis, i. 706
 in compound fractures, i. 706
 in epiphyseal caries and necrosis, i. 706
 in isolated chronic abscess, i. 706
 non-absorbable materials for, i. 705
 salt solution for, i. 705
 transference of bone for, i. 704
 with autoplasmic bone flaps, i. 699
 with blood clots, i. 704
 with fat, i. 704
 with fat-graft, iii. 648
 with heteroplastic bone flaps, i. 700
 with organic tissues, i. 704
 with spermaceti wax, i. 705
 long, giant-cell sarcoma of, i. 707, 709
 osteotomy of, i. 711
 technic, i. 712
 resection of, osteotomy combined with, i. 716
 loss of substance, operations for, i. 692
 medullary fibroma of, i. 709
 metatarsal, excision of, i. 737
 myxochondrosarcoma of, i. 709
 myxoma of, i. 709
 necrosis of, i. 468
 in fractures, i. 525
 of ear, ii. 299
 of pelvis, resection of, i. 732
 of skull, injuries of, in newborn, iii. 695
 operations on, i. 688
 for lengthening, i. 770
 for loss of substance, i. 699
 instruments for, i. 688-690
 perithelioma of, i. 710
 resections of, i. 717
 sarcoma of, mixed-cell, i. 709
 small round-cell, i. 709
 spindle-cell, i. 709
 suturing of, in fractures, i. 503
 tendon to, i. 804
 syphilis of, i. 470
 tarsal, excision of, i. 734
 transference of, for filling bone cavities, i. 704
 treatment of, in amputation, iii. 508
 tuberculosis of, i. 469
 tuberculous foci in, uncomplicated, i. 470
 tumors of, i. 470, 706
 amputation in, indications for, i. 709
 conservative operations for, i. 706
 excision in, i. 708
 filling bone cavities from, i. 706
 resection, i. 706
 turbinated, ii. 179
 wiring of, in fractures, i. 503
 Bone-saw, Gigli's wire, ii. 29
 Bönninghaus' method of obliterating maxillary antrum, ii. 197

- Borax as antiseptic, i. 67
 Boric acid as antiseptic, i. 67
 gauze, i. 41
 Boro-salicylic gauze, i. 41
 solution as antiseptic, i. 68
 Bost and Neve's method of resuscitation
 by heart massage, iii. 821
 Bottini's operation for hypertrophy of
 prostate, iii. 232
 Bougard's paste in cancer, i. 331
 Bougies, esophageal, ii. 434
 olive, ii. 434
 Bovy's mercury-salvarsan treatment of
 syphilis, iii. 814
 Bow-legs, iii. 466
 anterior, iii. 468
 braces for, iii. 466
 deformity, bone-grafts in, i. 787
 osteoclasia for, iii. 466
 osteotomy for, iii. 467
 Braces, metallic, in Pott's disease, ii. 333
 Brachial artery, compression of, in hemor-
 rhage, i. 360
 ligation of, i. 418
 birth palsy, i. 894
 neuralgia, i. 896
 paralysis in newborn, iii. 696
 plexus, blocking of, i. 154
 injection of, in local anesthesia, i. 145
 injuries and diseases of, i. 892
 method of exposure, i. 893
 narcosis paralysis of, i. 895
 Bradford frame in Pott's disease, ii. 328
 in tuberculosis of hip, i. 666
 Bradycardia in contusion of liver, iii. 106
 Brain, abscess of, ii. 73, 319
 indications for operation, ii. 73
 technic of operation, ii. 74
 anatomy, ii. 43
 angioma of, ii. 75
 auditory sensory center of, ii. 45
 bulging of, in operation, prevention, i.
 51
 carcinoma of, ii. 75
 compression of, ii. 53
 venesection for, ii. 54
 concussion of, ii. 52
 contusions of, ii. 52
 cortex, motor area of, anatomy, ii. 44
 sensory area of, ii. 45
 cortical function topography, ii. 45
 cystoma of, ii. 75
 decompression of, ii. 54
 electric reaction of motor areas, testing
 for, ii. 51
 endothelioma of, ii. 75
 fibroma of, ii. 75
 foreign bodies in, ii. 63
 glioma of, ii. 75
 gliosarcoma of, ii. 75
 hernia of, ii. 64
 hypophysis of. See *Pituitary body*.
 inflammations of, ii. 73
 injuries of, ii. 63
 lateral ventricle of, ii. 48
 lipoma of, ii. 75
 myxoma of, ii. 75
- Brain, olfactory sensory center of, ii. 45
 operations on, advantages of outward
 dislocation in, ii. 51
 hexamethylenamin to prevent menin-
 gitis after, i. 52
 lumbar puncture in, ii. 51
 preventing bulging in, ii. 51
 psammoma of, ii. 75
 reading center of, ii. 44
 sinuses of, ii. 44
 lateral, ii. 47
 skull and, relations, ii. 46
 special sensation areas of, ii. 45
 speech center of, ii. 44
 substance, hemorrhage into, ii. 57
 superior longitudinal sinus of, ii. 47
 surface topography, ii. 44
 syphilis of, ii. 75
 teratoma of, ii. 75
 topography of, ii. 48
 tuberculosis of, ii. 75
 tumors of, ii. 75. See also *Tumors of
 brain*.
 visual sensory center of, ii. 45
 wounds of, ii. 61
 bullet, ii. 62
 stab, ii. 62
 writing center of, ii. 44
 Branchial cysts of neck, ii. 372
 fistulæ of neck, ii. 372
 Brault's method of removing tattoo marks,
 i. 849
 Brawny arm, i. 463
 Breast, ii. 471
 adenofibroma of, ii. 475
 adenoma of, cystic, ii. 475
 anatomy, ii. 471
 angioma of, ii. 475
 bandage of, double compression, iii. 767
 single compression, iii. 766
 triangular suspensory, iii. 791
 benign tumors of, ii. 475
 binders, i. 49
 caked, ii. 473
 cancer of, ii. 477
 contraindications to operation, ii. 477
 cure, ii. 477
 doubtful, operations in, ii. 478
 early and complete extirpation of, ii.
 477
 extensive recurrent, ii. 494
 inoperable, ii. 494
 lines of incision in, ii. 480
 lymph glands in, ii. 479
 operation in, ii. 477, 489
 after-treatment, ii. 488
 closure of wound, ii. 486, 492
 drainage, ii. 488
 dressing, ii. 488
 radical cautery, ii. 492
 saving of blood, ii. 486
 shock in, ii. 486
 steps, ii. 480
 prognosis, ii. 478
 prevention, ii. 477
 radium in, iii. 713
 recurrence, operations for, ii. 478

- Breast, cancer of, tissues to be removed in, ii. 479
- congenital anomalies, ii. 472
 - contusions of, ii. 472
 - cystadenoma of, ii. 475
 - cysts of, ii. 476
 - dermoid cysts of, ii. 477
 - fistula of, chronic, ii. 474
 - foreign bodies in, ii. 472
 - hydatid cysts of, ii. 477
 - hypertrophy of, ii. 472
 - senile parenchymatous, ii. 475
 - lipoma of, ii. 475
 - lymphatics of, ii. 472
 - male, cancer of, ii. 497
 - chronic mastitis in, ii. 497
 - tumors of, ii. 497
 - myxoma of, intracanalicular, ii. 475
 - neuralgia of, ii. 473
 - nevus of, ii. 475
 - operations on, local anesthesia in, i. 148
 - papillomatous cysts of, ii. 477
 - simple cysts of, ii. 477
 - tuberculosis of, ii. 475
 - tumors of, benign, incisions for removal, ii. 477
 - mixed, ii. 475
 - wounds of, ii. 472
- Bregma, ii. 45
- Bridging of nerves, i. 855
 - autoplastic, i. 855
 - heteroplastic, i. 855
- Brilliant green as antiseptic, i. 65
 - for infected wounds, iii. 810
- Brinsmade's operation for securing muscular control of artificial anus, ii. 694
- Broad ligaments, iii. 325, 326
 - abscess of, iii. 426
 - cellulitis of, iii. 426
 - hemorrhage into, iii. 426
 - plication of anterior fold of, for retroversion, iii. 392
 - tumors of, ii. 426
 - varicose veins of, iii. 426
- Bromethyl anesthesia, i. 118
- Bromidrosis, i. 844
- Bromoform anesthesia, i. 118
- Bronchi, distention of, ii. 419. See also *Bronchiectasis*.
- foreign bodies in, ii. 224
 - removal, ii. 244
 - pneumotomy for, ii. 456
 - operations on, local anesthesia for, i. 144
 - strictures of, ii. 422
- Bronchiectasis, ii. 419
 - advanced, ii. 419
 - antiseptics in, ii. 419
 - colloidal silver in, ii. 419
 - ligation of pulmonary artery in, ii. 420
 - mild, ii. 419
 - phrenic neurectomy in, ii. 420
 - pneumectomy in, ii. 420
 - pneumolysis in, ii. 420
 - pneumotomy in, ii. 419
 - superheated air inhalations in, ii. 419
 - thirst cure, ii. 419
 - thoracoplasty in, ii. 420
- Bronchoscopy, ii. 225, 239
 - lower, ii. 243
 - position of patient for, ii. 240
 - superior, ii. 242
- Bronze wire sutures, i. 38
- Brophy's method of operation in cleft-palate, ii. 265
- Brushes for skin cleansing, i. 82
- Bryant's method of posterior osteoplastic thoracotomy, ii. 462
- Bubo, iii. 460
 - chancroid, iii. 460
- Buck's extension in fractures, i. 488
- Bulb of penis, iii. 248
- Bulbus oculi, ii. 115, 116
- Bulgarian bacillus as urinary antiseptic, iii. 142
- Bullet wounds, i. 222
 - from explosive bullet, i. 222
 - of abdominal wall, ii. 535
 - compression treatment, ii. 536
 - of brain, ii. 62
 - of intestines, perforating, i. 567
 - of joints, i. 656
 - of kidney, iii. 146
 - of liver, iii. 107
 - of spine, ii. 325
- Bunion, iii. 491, 493
- Buried suture, i. 191
- Burns, Alexander's paste for, iii. 807
 - dichloramin for, i. 65
 - distortions and contractions following, iii. 693
 - electric, iii. 720
 - from caustics, i. 825
 - of conjunctiva, ii. 124
 - of cornea, ii. 128
 - of larynx, ii. 219
 - of neck, ii. 373
 - of skin, i. 820
 - extensive, i. 822
 - from acids, i. 825
 - from caustics, i. 825
 - from dry heat, i. 825
 - from hot fluids, i. 825
 - granulating, i. 824
 - hydrotherapy in, i. 822
 - of small area, i. 821
 - of variable areas, i. 821
 - paraffin occlusion treatment, i. 823
 - prevention of deformity in, i. 824
 - vaccines in, i. 824
 - of tongue, ii. 288
 - of trachea, ii. 219
 - x-ray, iii. 703, 720
- Burrs, Doyen's, ii. 27, 29
- Hudson's, ii. 28, 29
- Bursæ, i. 819
 - contusions of, i. 819
 - wounds of, i. 819
- Bursal cysts of neck, ii. 372
- Bursitis, iii. 465
 - exostosis, i. 709
 - infective, i. 819
 - non-infective, acute, i. 819
 - chronic, i. 819
 - peri-articular, of shoulder-joint, iii. 451

- Bursitis, prepatellar, iii. 465
 pretibial, iii. 465
 tuberculous, i. 819
- Busch and Momburg's cosmetic treatment of facial paralysis, iii. 687
- Buttock, aneurism of, i. 398
 bandage of, spica, iii. 768
- Button, Biskra, i. 273
 method of intestinal anastomosis, ii. 667
 lateral, ii. 671
 sutures, i. 197
- Byrne's cautery treatment for cancer of uterus, iii. 422
- CACHEXIA hypophyseopriva, ii. 83
- Caked breast, ii. 473
- Calcaneobursitis, iii. 495
- Calcaneovalgus, iii. 482
- Calcaneovarus, iii. 482
- Calcaneum, excision of, i. 734, 736
 resection of, i. 734
- Calcaneus, paralytic, iii. 484
- Calcium hypochlorite in peritonitis, ii. 551
 hyposulphite as disinfectant, i. 61
 in hemorrhage, i. 343
- Calculi, biliary, ii. 780; iii. 116. See also *Gall-stones*.
 of salivary ducts, ii. 291, 379
 of seminal vesicles, iii. 278
 pancreatic, ii. 783
 prostatic, iii. 248
 renal, iii. 152
 operations for, iii. 153
 ureteral, iii. 152, 157
 operations for, iii. 153
 vesical, iii. 197. See also *Stone in bladder*.
- Callositas, i. 841
- Callosities of foot, iii. 493
 of matrix of nails, i. 848
- Callus, i. 841
 bone i. 472
 excessive, in fractures, i. 525
- Calmette's serum in snake bite, i. 275
- Calomel, as antiseptic, i. 59
 in syphilis, i. 288
- Calot's high jacket in Pott's disease, ii. 332
- Camphor for treatment of shock, i. 217
- Camphorated oil in peritonitis, ii. 551
- Camphor-paraffin, formaldehyd-phenol in, for infected wounds, iii. 805
- Canal, external auditory, ii. 299, 304. See also *Auditory canal, external*.
 Fallopiian, ii. 299
 lacrimal, atresia of, ii. 136
 enlargement of, ii. 177
- Cancer, i. 327
 abdominal, inoperable, ii. 706
 Bougard's paste in, i. 331
 caustics in, i. 330
 charlatanism in treatment, i. 330
 early treatment, i. 328
 etiology, i. 327
 houses, i. 327
 in pelvis, radium in, iii. 714
 infection, ii. 706
 inoperable, i. 331
 drug treatment, i. 332
- Cancer, inoperable, palliative treatment, i. 331
 Marsden's paste in, i. 331
 metastases in lymph-nodes, i. 466
 time of formation, i. 328
 of abdominal wall, ii. 538
 of appendix, iii. 104
 of axilla, extensive recurrent, ii. 494
 of bladder, iii. 196
 radium in, iii. 712
 of bones, i. 470
 of brain, ii. 75
 of breast, ii. 477. See also *Breast, cancer of*.
 radium in, iii. 713
 of cardia, resection for, ii. 756
 of cecum, ii. 589
 of colon, ii. 584
 of common bile-duct, iii. 118
 of deeper parts, x-rays in, iii. 705
 of descending colon, ii. 590
 of esophagus, radium in, iii. 712
 of gall-bladder, iii. 118
 of hepatic flexure of colon, ii. 590
 of intestines, ii. 583, 588
 of kidney, iii. 151
 of larynx, ii. 223
 of liver, iii. 112
 of lower part of sigmoid, ii. 591
 of lymphatics of neck, ii. 363
 of male breast, ii. 497
 of middle and upper sigmoid, ii. 592
 of transverse colon, ii. 590
 of neck, extensive recurrent, ii. 494
 secondary, ii. 372
 of nipples, ii. 473
 of nose, ii. 188
 of ovary, iii. 434
 of penis, iii. 253
 amputation for, iii. 255
 extirpation for, iii. 256
 of prostate, iii. 246
 palliative treatment, iii. 248
 prostatectomy for, iii. 247
 radium in, iii. 712
 recurrence, iii. 248
 of pyloric end of stomach, radical operation for, ii. 756
 of pylorus, ii. 720
 of rectum, iii. 75
 excision by abdominal route for, iii. 80
 by perineal route for, iii. 78
 by postrectal route for, iii. 76
 by sacral route for, iii. 78
 by two-stage abdominosacral operation in, iii. 81-84
 by vaginal route in, iii. 80
 through anus for, iii. 76
 external proctotomy in, iii. 75
 inguinal anus in, iii. 76
 inoperable, palliative treatment, iii. 85
 operation for, iii. 75
 infection after, iii. 85
 preparations for, iii. 70
 preservation of anus in, iii. 84
 proctectomy for, iii. 75
 radium in, iii. 712

Cancer of rectum, recurrence, iii. 85
 resection with preservation of sphincter ani for, iii. 84
 vaginal proctotomy for, iii. 75
 of sigmoid, ii. 589
 of skin, i. 843
 of skull, ii. 42
 of splenic flexure of colon, ii. 590
 of stomach, ii. 703
 choice of operation in, ii. 704
 doubtful, exploratory operation in, ii. 703
 gastrectomy in, ii. 764
 gastro-enterostomy in, ii. 704
 gastrojejunostomy in, ii. 705
 gastrostomy in, ii. 705
 inoperable, ii. 704
 involvement of transverse mesocolon in, ii. 705
 operative mortality, ii. 704
 palliative operations in, ii. 704
 pyloric, operation for, ii. 756
 radium in, iii. 712
 recurrence, ii. 704
 symptoms, ii. 703
 of testicles, iii. 306
 operation for, iii. 307
 of thorax, extensive recurrent, ii. 494
 of thyroid gland, ii. 381
 of tongue, ii. 292
 excision in, ii. 293. See also *Excision of tongue*.
 incurable, alcohol injections in, i. 869
 operation in, ii. 364
 of upper part of rectum, ii. 591
 of urethra, iii. 272
 retention of urine from, iii. 212
 of uterus, iii. 374
 abdominal hysterectomy for, iii. 421
 acetone treatment, iii. 424
 cautery for, iii. 422
 fulguration for, iii. 424
 incurable, iii. 425
 inoperable, iii. 425
 prognosis, iii. 424
 radiation for, iii. 424
 radium for, iii. 711
 of vagina, iii. 356
 radium in, iii. 711
 of vulva, iii. 328
 radical treatment, i. 328, 329
 recurrent, x-rays in, iii. 705
 spontaneous cure, i. 331
 tissue, effect of radium on, iii. 710
 Cancrum oris, ii. 247
 Canthoplasty, ii. 143
 for enlarging palpebral fissure, ii. 142
 Canula and trocar, i. 79
 Bellocq's, in nasal hemorrhage, ii. 185
 Canulization of bladder, suprapubic, iii. 213
 Capillary nevi, i. 453
 Capitellum bandage, antero-posterior, iii. 746
 single, iii. 748
 transverse, iii. 747
 Capsule, Tenon's advancement of, ii. 177

Capsulotomy, preliminary, for immature cataract, ii. 168
 Caput succedaneum, iii. 694
 Carbolic acid, i. 65
 Carbon dioxide in anesthesia, i. 122
 in nevus pigmentosus, i. 842
 Carbuncle, i. 253
 actual cautery in, i. 253
 circular incision in, i. 253
 dressings for, i. 253
 of hand, iii. 444
 of upper lip, i. 253
 time for incision, i. 253
 Carcinoma. See *Cancer*.
 Cardia, cancer of, resection for, ii. 756
 Cardiac diseases as factor in operation, i. 182
 orifice of stomach, ii. 698
 stenosis of, ii. 715
 Cardiolysis for pericardial adhesions, ii. 424
 Cardiorrhaphy, ii. 427
 Cardiospasm, ii. 716
 Cargile membrane, i. 74
 to prevent adhesions in abdominal operations, ii. 522
 Caries of bones, i. 468
 of ribs, ii. 398
 of teeth, ii. 275
 Carnes' prosthetic apparatus with movable joints, iii. 608
 Carotid aneurism, i. 399
 artery, common, anatomy, i. 406
 ligation of, i. 406
 at inferior carotid triangle, i. 407
 at superior carotid triangle, i. 408
 indications for, i. 408
 slow, i. 408
 compression of, in hemorrhage, i. 360
 external ligation of, i. 409
 internal, ligation of, i. 410
 wounds of, ii. 360
 gland, ii. 395
 triangle, inferior, ligation of common carotid artery at, i. 407
 superior, i. 406
 ligation of common carotid artery at, i. 408
 tubercle, i. 407
 Carpometacarpal joint, disarticulation of metacarpal bones at, iii. 554
 joints, dislocations of, i. 639
 Carpus, dislocations of, i. 638
 of individual bones, i. 639
 fractures of, i. 579
 Carrel-Dakin instillation method for infected wounds, i. 242
 Carr's clamp for scalp operations, ii. 21
 Cart, anesthetizing, i. 94
 Carter's nasal splint, ii. 180
 operation for saddle-nose, iii. 682
 Cartilages, costal, dislocations of, i. 623
 necrosis of, ii. 398
 resection of, in rigidity of chest, ii. 421
 fractured, i. 653
 grafts of, in joint resections for ankylosis, i. 759
 laryngeal, dislocations of, ii. 220

- Cartilages, nasal, transplanting of, ii. 192
of joints, dislocation of, i. 652
semilunar, of knee-joint, dislocation of, i. 652
transplantation of, iii. 648
- Caruncle, urethral, iii. 328
- Caseous tonsillitis, ii. 212
- Casper's lubricant for bladder instruments, iii. 184
- Castration in male, iii. 319
- Cataplasma kaolini for inflammations, i. 234
- Cataract, ii. 132
after-, operations for, ii. 174
artificial ripening in, ii. 133
best time for operation, ii. 133
congenital, ii. 133
couching, ii. 172
depressing, ii. 172
discussion of, ii. 169
extraction, accidents in, ii. 167
after-treatment, ii. 166
combined, ii. 166
linear, ii. 170
of crystalline lens without incision of capsule in, ii. 70
simple, ii. 165
suction in, ii. 173
suturing corneal wound after, ii. 172
two-stage, ii. 171
vacuum, ii. 174
with capsule after subluxation, ii. 171
without iridectomy, ii. 165, 166
- immature, intracapsular extraction, ii. 171
preliminary capsulotomy for, ii. 168
monocular, ii. 133
needle operation for, ii. 169
operations for, ii. 165
partial, ii. 133
ripe, ii. 133
secondary, operations for, ii. 174
traumatic, ii. 133
immediate removal, ii. 173
zonular, ii. 133
- Catarrh, cervical, iii. 368
- Catarrhal acute laryngitis, ii. 220
tonsillitis, ii. 212
epidemic conjunctivitis, ii. 122
esophagitis, acute, ii. 432
inflammation, acute, of frontal sinuses, ii. 199
of maxillary antrum, ii. 195
chronic, of frontal sinuses, i. 199
of maxillary antrum, ii. 195
- Catgut, i. 33
argentized, i. 36
braided, i. 34
chromic, for ligating arteries, i. 402
chromicized, i. 36
for ligatures, i. 337
sizes, i. 33
sterilization of, i. 34
alcohol method, i. 35
ammonium sulphate method, i. 35
Bartlett's method, i. 36
bichlorid of mercury method, i. 35
- Catgut, sterilization of, cumol method, i. 34
dry heat method, i. 36
formalin-iodin method, i. 36
formalin method, i. 36
iodin method, i. 35
moist heat method, i. 36
paraffin method, i. 36
potassium mercuric iodid for, i. 35
tannic acid method, i. 37
toluol method, i. 35
sterilized, in tubes, i. 34
treatment of hydrocele, iii. 316
- Cathelin's epidural injection treatment of enuresis, iii. 208
- Catheter à demeure, iii. 222
introduction of, method, iii. 184
- Catheterization for hypertrophy of prostate, iii. 231
of arteries, i. 380
of Eustachian tube, ii. 302
of ureters, iii. 188
by air distention, iii. 188
retrograde, in urethral stricture, iii. 299
- Cauliflower ear, ii. 303
- Caustics, i. 73
gastritis due to, ii. 702
in cancer, i. 330
in inoperable cancer, i. 331
- Cautery, actual, i. 80
in carbuncle, i. 253
in ulcer of stomach, ii. 724
as hemostatic, i. 339
cutting, i. 80
electric, i. 80, 83
for cancer of uterus, iii. 422
for inoperable cancer, i. 331
in prolapse of rectum and anus, iii. 67
Paquelin, i. 80
radical, in cancer of breast, ii. 492
- Cavernous angioma, i. 454
sinus, arteriovenous aneurism in, ii. 73
thrombosis of, ii. 72
- C. E. anesthetic mixtures, i. 119
- Cecostomy, ii. 572
- Cecum, anatomy, ii. 624
and appendix, hernia of, iii. 51
cancer of, ii. 589
exposure of, incision for, ii. 510
implantation of ureters into, for extrophy of bladder, iii. 205
resection of, indications for, ii. 642
tuberculosis of, ii. 575
- Cells, mastoid, ii. 299
- Cellulitis, i. 264
diffuse acute, i. 250
elastic bandage in, i. 229
gangrenous, i. 318
of auricle, ii. 303
of broad ligaments, iii. 426
of external auditory canal, ii. 304
of finger-tips, iii. 443
of lips, ii. 246
of neck, ii. 361
superficial, ii. 362
of parotid gland, ii. 379
of scalp, ii. 23
- Celluloided linen sutures, i. 38

- Cement dressings, i. 56
 Cenencephalocoele, ii. 93
 Centipedes, bites of, i. 276
 Cephalhematoma in newborn, iii. 694
 Cerebellar abscess, usual site, ii. 50
 Cerebellopontine angle, osteoplastic craniotomy for exposure of, ii. 41
 Cerebral abscess, usual site, ii. 50
 apoplexy, spontaneous, ii. 58
 temporal craniotomy in, ii. 58
 localization, ii. 48
 ventricles, lateral, puncture of, in hydrocephalus, ii. 96
 puncture of, in hydrocephalus, ii. 95, 96
 Cerebrospinal fluid in spinal anesthesia, i. 156
 meningitis, epidemic, ii. 67
 carriers in, ii. 67
 Flexner's treatment, ii. 67
 intravenous serum treatment, iii. 820
 lumbar puncture in, ii. 67
 rhinorrhea, ii. 73
 sinuses, ii. 73
 Cerumen, impacted, in external auditory canal, ii. 305
 Cervical catarrh, iii. 368
 esophagectomy, partial, ii. 443
 esophagotomy, external, ii. 442
 lymphatics, operations, local anesthesia for, i. 145
 mediastinotomy in esophageal abscess, ii. 433
 nerves, injuries and diseases of, i. 890
 pleura, ii. 399
 ribs, ii. 373
 suprapubic Cesarean section, iii. 408
 sympathetic ganglia, injuries to, i. 898
 removal of, in epilepsy, i. 899
 in exophthalmic goiter, i. 899
 resection of, i. 899
 upper, removal of, in glaucoma, i. 898
 vertebrae, lower six, dislocations of, i. 622
 Cervicitis, iii. 368
 Cervico-occipital neuralgia, i. 890
 Cervix, congenital abnormalities, iii. 375
 cystic degeneration of, iii. 375
 epithelioma of, iii. 375
 erosions of, iii. 369
 hypertrophy of, iii. 375
 amputation in, iii. 375
 laceration of, iii. 334, 362
 suture of, iii. 362
 Cesarean section, iii. 401, 404
 after-treatment, iii. 408
 delivery of child in, iii. 407
 extraperitoneal, iii. 408
 indications for, iii. 404, 405
 instruments for, iii. 405
 postmortem, iii. 408
 preparations for, iii. 405
 results, iii. 408
 suprapubic cervical, iii. 408
 technic, iii. 406
 with retention of uterus in abdomen, iii. 408
 Chain suture, i. 195, 200
 tied, i. 200
 Chair, French's, for adenoid operations, ii. 209
 Chalazion, ii. 120
 Chalk paste in fistulas, i. 308
 Chance of penis, iii. 252
 primary, of finger-tip, iii. 444
 syphilitic, excision of, i. 284
 treatment, i. 302
 Chancroid, iii. 251
 bubo, iii. 460
 fulguration treatment, iii. 252, 703
 Chapped hands, i. 849
 lips, i. 832; ii. 246
 Charcoal dressings, i. 42
 Charcot's disease of joints, i. 681
 Charlatanism in cancer treatment, i. 330
 Chart, narcosis, i. 96
 Cheek, bandage of, iii. 743
 defects not involving whole thickness, plastic operation for, iii. 657
 plastic operations for, iii. 657
 with double transplanted flap of forearm for, iii. 665
 mucous membrane of, plastic operation for defect of, iii. 665
 plastic operation on, transplanting flap with temporal artery in, iii. 660
 restoration of whole thickness, plastic operation for, iii. 657
 Chemicals, sterilization by, i. 30
 Chenopodium oil in amebic colitis, ii. 570
 Chest, bandage of, figure-of-eight, anterior, iii. 766
 cravat, iii. 787
 posterior, iii. 766
 special, iii. 765
 triangular, iii. 791
 rigidity of, ii. 421
 wall, abscess of, ii. 398
 inflammation of, ii. 398
 penetration of, wounds of lung with, ii. 413
 tumors of, ii. 444
 wounds of, non-penetrating, ii. 397
 penetrating, ii. 397
 Chiari's incision for nasal approach to pituitary body, ii. 90
 Chigo, bites of, i. 276
 Chilblains, i. 319, 826
 Childbirth, retroversion of uterus from, iii. 388
 Children, acute simple rhinitis in, ii. 186
 appendicitis in, iii. 102
 circumcision in, iii. 259
 deforming osteochondritis of hip-joint in, iii. 463
 general anesthesia in, i. 102
 gonorrheal vulvovaginitis in, iii. 285]
 hydrocele in, iii. 314
 susceptibility of, to shock, i. 19
 vulvovaginitis in, iii. 355
 Chin and scalp, bandage of, iii. 786
 bandage of, four-armed, iii. 783
 Chinosol as antiseptic, i. 60

- Chipault's method of cran'ocerebral localization, ii. 48, 49
 primary lines, ii. 48
 secondary lines, ii. 49
- Chloasma, i. 840
- Chloral hydrate as antiseptic, i. 73
 in tetanus, i. 267
- Chloramin as antiseptic, i. 60
 for treatment of infected wounds, i. 242
 wax for superficial wounds, iii. 807
- Chloraminated oil as antiseptic, i. 64
 in compound fractures, i. 519
 in infected wounds, i. 247
 treatment for infected wounds, i. 247
- Chlorazene as antiseptic, i. 60, 64
 gauze, i. 41
 in infected wounds, i. 247
- Chlorcosane as antiseptic, i. 65
- Chloretone gauze, i. 41
 in tetanus, i. 267
- Chlorin content of chlorinated lime, titration to determine, i. 62
 liquid as antiseptic, i. 64
- Chlorinated gauze, i. 40
 lime as antiseptic, i. 61
 titration to determine chlorin content, i. 62
 oil in peritonitis, ii. 551
 saline solution, i. 63
- Chlormetacresol as antiseptic, i. 60
- Chloroform anesthesia, i. 116
 accidents in, treatment, i. 116
 by mouth, iii. 807
 dangers from, i. 116
 effect on suprarenal capsules, i. 117
 method of administration, i. 116
 mask, extemporized, i. 88
- Chloroform-ether sequence, i. 119
- Chloroform-oxygen anesthesia, i. 120
- Choked disk, iii. 135
- Cholangitis, acute, iii. 114
- Cholecystoduodenostomy, iii. 125
- Cholecystectomy, iii. 127
 drainage of ducts in, iii. 128
- Cholecystenterostomy, iii. 125
- Cholecystitis, ii. 780
 acute, iii. 114
 chronic, iii. 115
 subacute, iii. 114
- Cholecystjejunostomy, iii. 126
- Cholecystostomy, iii. 122
 one-stage, iii. 122
 two-stage, iii. 123
- Cholecystotomy, iii. 122
- Choledochectomy, iii. 132
- Choledochoduodenostomy, iii. 131
- Choledochotomy, iii. 129
 transduodenal, iii. 131
- Cholelithiasis, ii. 780; iii. 116. See also *Gall-stones*.
- Cholesteatoma of external auditory canal, ii. 306
- Chondritis, ii. 223
 costal, ii. 398
- Chondroma, i. 324
 bone, i. 470
- Chopart's method of disarticulation of foot, iii. 580
- Chorda tympani, ii. 295
- Chordee in acute anterior gonorrhoea, prevention, iii. 280
- Chorio-epithelioma, iii. 375
 of vagina, iii. 356
- Choroid, diseases of, ii. 130
 foreign bodies, in, ii. 130
 injuries of, ii. 130
 rupture of, ii. 131
 tuberculosis of, ii. 130
 tumors of, ii. 130
 wounds of, ii. 130
- Choroiditis, ii. 130
 suppurative, ii. 130
- Chrome holes, i. 315
- Chromicized catgut, i. 36
- Chrysarobin-serum treatment of psoriasis, i. 835
- Cicatrical contractures of eyeball, old, operations for, ii. 159
 stenosis of esophagus, ii. 433
 of pylorus, ii. 720
- Cicatrix, adherent, i. 225
 of muscles, i. 791
 painful, i. 225
- Cigarette drains, i. 47, 48
- Ciliary body, diseases of, ii. 130
 inflammation of, ii. 130
 wounds of, ii. 30
- Cinematic amputations, iii. 526
- Cineplastic amputations, iii. 526
 extension apparatus for stump, iii. 533
 motor club in, iii. 531
 loop in, iii. 530
 stump in, iii. 529
 of leg, iii. 538
 of thigh, iii. 538
 through forearm, iii. 527
 through upper arm, iii. 537
 transitory, iii. 538
 stumps in amputation of leg, iii. 587
 movable joints without, iii. 608
- Circular amputation, iii. 504, 505
 advantages, iii. 507
 combined with flap amputation, iii. 515
 cuff method, iii. 507
 of forearm in lower third, iii. 556
 suturing skin in, iii. 513
 technic, iii. 515
 treatment of muscle in, iii. 513
 and flap amputation, combined, iii. 515
 bandage, iii. 737
 method of amputation, iii. 515
 occlusion method of external anastomosis, ii. 658
- Circulation, collateral, tests of efficiency, i. 390
- Circumcision, iii. 258
 in children, iii. 259
 of leg in varicose veins, i. 452
- Circumflex nerve, injuries to, i. 896
- Circumscribed acute inflammation of external auditory canal, ii. 304

Cirrhosis, biliary, ii. 785
 of liver, iii. 112
 of stomach, ii. 702
 Cirroid aneurism, i. 400
 of scalp, ii. 25
 Cisterna magna, drainage of, into cranial sinuses, in hydrocephalus, ii. 98
 Citric acid, as antiseptic, i. 72
 Clamp method of intestinal anastomosis, ii. 676
 Michel, for wounds, i. 187, 189
 Claviceps purpurea, i. 318
 Clavicle, dislocations of, i. 623. See *Dislocations of clavicle*.
 excision of, i. 729
 fractures of, i. 550. See also *Fractures of clavicle*.
 recumbent treatment, i. 550
 rest treatment, i. 550
 Sayre's dressing for, modified, i. 552
 resection of, i. 721
 Clavus, i. 841
 Claw-foot, iii. 482
 Claw-hand, i. 897; iii. 455
 Claw-toe, iii. 491
 Cleanliness in wound infection, i. 28
 Cleansing hands, i. 173. See also *Sterilization of hands*.
 mechanical, of infected wounds, i. 28
 mouth, ii. 244
 Cleft eyelids, ii. 119
 lobule of auricle, ii. 303
 Cleft-palate, ii. 257
 early pressure treatment, ii. 258
 etiology, ii. 257
 operation in, ii. 258
 after-treatment, ii. 265
 best time for, ii. 258
 disturbed phonation after, ii. 266
 failure of union, ii. 265
 for closing narrow cleft, ii. 259
 wide cleft, ii. 262
 incisions for, ii. 261
 instruments for, ii. 258
 jaw-compressing, ii. 265
 later, ii. 258
 position of patient, ii. 258
 suture of intermaxillary segment, ii. 258
 voice-training after, ii. 266
 with sliding flap, ii. 261
 Climate in etiology of adenoids, ii. 208
 Clinic, coöperative, iii. 799
 Clips, absorbable metal, for closing blood-vessels, i. 339
 Clitoris, iii. 323
 hypertrophy of, iii. 328
 prepuce of, adhesions of, iii. 328
 Cloaca, persistent, iii. 357
 Closed method for ether anesthesia, i. 106
 Closure of abdomen, ii. 516
 of wounds, i. 187; iii. 809. See also *Sutures*.
 Clothing, operating, for surgeon, i. 51, 173
 Club-foot acquired, iii. 480
 adhesive plaster strips in, iii. 472
 after-treatment, iii. 481

Club-foot, congenital, open operation for, iii. 477
 correction with plaster-of-Paris, iii. 469
 cuneiform osteotomy for, iii. 481
 destructive open operation for, iii. 480
 Ehrenfried's method of correction, iii. 471
 fixation for, iii. 469
 forcible manual correction, iii. 474
 later cases, treatment, iii. 474
 manipulation for, iii. 469
 overcorrection for, iii. 471
 splints for, iii. 472
 stage of retention in, iii. 471
 walking stage in, iii. 472
 Club-hand, iii. 452
 Coagulability of blood, determination of, i. 458
 Coagulants in hemorrhage, i. 342
 Coal ash dressings, 42
 gas, asphyxia from, iii. 720
 Coaptation sutures, i. 196
 Cocain anesthesia in eye operations, ii. 118
 as local anesthetic, i. 134
 as spinal anesthetic, i. 156
 hydrochlorate as local anesthetic, i. 135
 hydrochlorid as mydriatic, ii. 118
 Cocain-adrenalin for local anesthesia, i. 135
 Coccobacillus *foetidus ozaenae* vaccines in ozena, ii. 188
 Coccygeal neuralgia, ii. 357
 Coccygodynia, ii. 357
 alcohol injections in, ii. 358
 massage in, ii. 358
 removal of coccyx for, ii. 359
 Coccyx, excision of, i. 732
 Codivilla's method of traction in fractures, i. 486
 Coffey's method of ureterocolostomy, iii. 179
 operation for relaxed abdominal wall, ii. 541
 Coin catcher, extemporized, i. 89
 Cold, anesthesia from, i. 154
 applications for inflammations, i. 235
 in chronic inflammation, i. 250
 as hemostatic, i. 339
 cream for dry skin, i. 849
 feet, iii. 495
 Coley's toxins in inoperable cancer, 332
 Colic, acute biliary, iii. 115
 appendicular, iii. 104
 renal, iii. 154
 Colitis, ii. 570
 amebic, ii. 570
 colon irrigation in, ii. 570
 continuous irrigation in, ii. 571
 mucous, chronic intestinal obstruction from, ii. 610
 Collapse during operation, i. 218
 of *alae nasi*, ii. 195
 peritoneal, ii. 549
 Collargol as antiseptic, i. 67
 Collateral circulation, tests of efficiency, i. 390
 Colles' fracture, i. 575. See also *Fractures, Colles'*.

- Collodion, i. 53
 Colloidal gold test in syphilis, i. 299
 silver as antiseptic, i. 67
 in bronchiectasis, ii. 419
 solutions, intravenous infusion with, i. 347
 Coloboma, plastic operation for, iii. 653
 Colon, acquired dilatation of, ii. 614
 acute flexures of, chronic intestinal obstruction from, ii. 610
 obstruction of, ii. 598
 angulations of, chronic intestinal obstruction from, ii. 610
 ascending, anatomy, ii. 625
 resection of, indications for, ii. 642
 bacillus infection of kidney, iii. 148
 lavage in, iii. 148
 vaccines in appendicitis, iii. 88
 cancer of, ii. 584
 congenital dilatation of, ii. 614
 descending, anatomy, ii. 625
 cancer of, ii. 590
 dilatation of, chronic intestinal obstruction from, ii. 610
 hepatic flexure, cancer of, ii. 590
 ptosis of, ii. 616
 perforation of, ii. 582
 resection of, preventing obstruction to passage of gas in, ii. 644
 splenic flexure, cancer of, ii. 690
 ptosis of, ii. 616
 transverse, anatomy, ii. 625
 cancer of middle of, ii. 590
 ptosis of, ii. 616
 resection of, with preservation of omentum, ii. 646
 sagging of, with elongation of gastrocolic ligament, in gastropptosis, ii. 713
 Color of patient in general anesthesia, i. 99
 Colostomy, ii. 573, 685
 apparatus to collect feces after, ii. 695
 inguinal, left, ii. 686
 lumbar, ii. 695
 Colpocele, anterior, colpoplasty for, iii. 343
 posterior, iii. 342
 Colpocleisis for vesicovaginal fistula, iii. 352
 Colpoperineorrhaphy, iii. 342
 Colpoplasty for cystocele, iii. 343
 Colton's drainage tube in empyema, ii. 408
 Combined iridectomy and sclerotomy, ii. 157
 Comedo, i. 845
 treatment, i. 849
 Comminuted fractures of lower end of humerus, i. 570
 of patella, i. 602
 Commissure, posterior, of vulva, iii. 323
 Common duct, anatomy, iii. 106
 cancer of, iii. 118
 cystic dilatation, iii. 113
 division of, transverse, iii. 131
 gall-stones in, iii. 116
 incision of, iii. 129
 at retroduodenal portion, iii. 130
 operations for reconstruction of, iii. 135
 perforation, iii. 114
 removal of segment, iii. 132
 Common duct, stricture of, iii. 117
 operations for, iii. 131
 subcostal operation for exposure, iii. 119
 wounds of, iii. 114
 Compound dislocations, i. 612
 of shoulder, i. 632
 fractures, i. 518
 amputation in, conditions calling for, i. 520
 chloraminated oil in, i. 519
 Colles', i. 579
 elevation of temperature after, i. 520
 emergency treatment, i. 519
 filling bone cavities in, i. 706
 first dressing, i. 518
 immobilization in, i. 520
 of fibula, i. 606
 of patella, i. 603
 of shaft of femur, i. 592
 of humerus, i. 565
 of skull, i. 534
 of tibia, i. 606
 with joint wounds, i. 657
 Compress, radium, iii. 715
 Compression bandage of breast, single, iii. 766
 of breasts, double, iii. 767
 local, for control of hemorrhage, i. 370
 of artery in aneurism, i. 381
 of brain, ii. 53
 venesection for, ii. 54
 of nerves, i. 851
 temporary, for suture of arteries, i. 372
 Concealed hernia, iii. 50
 Concussion in basal fractures of skull, i. 537
 of abdomen, ii. 535
 of brain, ii. 52
 of spinal cord, ii. 324
 of thorax, ii. 397
 Condyles, fractures of, bone-grafts in, i. 515
 of humerus, fractures of, i. 568
 Condyloid point of inferior maxilla, ii. 45
 Condyloma of rectum, ii. 74
 Congenital abnormalities of breast, ii. 472
 of cervix, iii. 375
 cataract, ii. 133
 club-foot, open operation for, iii. 477
 cysts of neck, ii. 372
 defects of external ear, ii. 303
 deformity of arm, iii. 457
 dislocations, i. 613
 of ankle, i. 618
 of elbow, i. 618
 of hip, i. 613
 age in treatment, i. 613
 bone-grafts in, i. 783
 reduction by manipulation, i. 613
 after-treatment, i. 615
 dangers, i. 615
 technic, i. 614
 by open operation, i. 616
 choice of methods, i. 617
 of knee, i. 617, 648
 of patella, i. 618
 of radius, i. 618
 of shoulder, i. 618, 634

- Congenital dislocations of wrist, i. 618
 idiocy, ii. 103
 imbecility, ii. 103
 insanity, ii. 103
 stenosis of esophagus, ii. 433
 of larynx, ii. 218
 of trachea, ii. 218
 stricture of urethra, iii. 286
 talipes calcaneus, iii. 482
 equinus, iii. 482
 varus, iii. 482
- Congestion, hypostatic, i. 228
 irritative, i. 228
 local, hemorrhage in, i. 359
 traumatic, i. 228
- Conical cornea, operations for, ii. 153
 stump in amputation, iii. 514
 tracheloplasty, iii. 367
- Conjunctiva, burns of, ii. 124
 diseases of, ii. 121
 eczema of, ii. 123
 foreign bodies in, ii. 124, 127
 hyperemia of, ii. 121
 inflammation of, ii. 121. See also *Conjunctivitis*.
 injections under, ii. 151
 operations on, ii. 149
 skin diseases involving, ii. 124
 tumors of, ii. 124
 wounds of, ii. 121, 124
- Conjunctivitis, acute contagious, ii. 122
 diphtheric, ii. 123
 diplobacillus, ii. 122
 epidemic catarrhal, ii. 122
 follicular, ii. 123
 gonorrhæal, ii. 123; iii. 285
 granular, ii. 123
 neonatorum, ii. 122
 nongonorrhæal, ii. 122
 phlyctenular, ii. 123
 pseudomembranous, ii. 123
 purulent nonspecific, ii. 121
 simple, ii. 121
 sympathetic, ii. 130
 vernal, ii. 123
- Connective-tissue tumors, benign, i. 323
- Connell's end-to-end anastomosis with
 mattress sutures, ii. 651
- Constipation, chronic, in chronic intestinal
 stasis, ii. 613
 in etiology of appendicitis, iii. 87
- Contagious conjunctivitis, acute, ii. 122
- Continuous divulsion in fractures, i. 496
 gastric lavage, ii. 701
 hypodermoclysis, i. 345
 intestinal suture, ii. 628
 suture, i. 190
- Contractions following wounds, burns, and
 ulcerations, iii. 693
- Contracture at hip-joint, iii. 463
 Dupuytren's, iii. 454
 fibrous, of urethral orifice, iii. 246
 of eyeball, old cicatricial, operations for,
 ii. 159
 of hands, iii. 450
 and fingers, disturbances of motion due
 to, iii. 453
- Contracture of muscles, i. 793
 of palmar fascia, iii. 454
 old, iii. 450
 of psoas parvus muscle simulating appen-
 dicitis, i. 796
- Cotusions, i. 218
 of abdomen, ii. 535
 of bladder, iii. 190
 of bones, i. 467
 of brain, ii. 52
 of breast, ii. 472
 of bursæ, i. 819
 of face, ii. 115
 of hip-joint, iii. 462
 of intestines, ii. 565
 of larynx, ii. 219
 of liver, iii. 106
 of muscles, i. 788
 of nerves, i. 851
 of penis, iii. 250
 of scalp, ii. 17
 of skin, i. 820
 of spinal cord, ii. 324
 of testicles, iii. 303
 of thorax, ii. 396
 of trachea, ii. 219
 of urethra, iii. 271
- Coöperation, surgical practice under, iii.
 799
- Coöperative clinic, iii. 799
- Copper sulphate as caustic, i. 73
- Coproclisis, i. 344; iii. 55
- Coprostasis, chronic intestinal obstruction
 from, ii. 610
- Coracoid bursa, inflammation of, iii. 451
 process, fractures of, i. 556
- Cord, spinal. See *Spinal cord*.
- Cornea, adhesions of, to iris, ii. 156
 burns of, ii. 128
 conical, operations for, ii. 153
 diseases of, ii. 124
 eczema of, ii. 125
 foreign bodies in, ii. 127
 inflammation of. See *Keratitis*.
 method of inspection, ii. 116
 opacity of, ii. 126
 operations on, ii. 152
 paracentesis of, ii. 152
 tattooing of, ii. 152
 transplantation of, ii. 153
 tumors of, ii. 128
 ulcers of, ii. 125
 simple, ii. 125
 wounds of, ii. 121, 128
- Corneal opacity, ii. 126
- Corns, i. 841; iii. 493
- Cornu cutaneum, i. 841
 of uterus, iii. 325
- Corona of glans penis, iii. 248
- Coronal suture, ii. 45
- Coronoid process of ulna, fractures of, i.
 573
- Corpora cavernosa, iii. 248
 laceration of, iii. 250
- Corpus cavernosum urethræ, female, iii.
 324
 luteum extract, iii. 438

- Corpus spongiosum, iii. 248
 laceration of, iii. 250
- Corrosive esophagitis, ii. 432
 sublimate as antiseptic, i. 59
- Corset, decompression, in scoliosis, ii. 354
 Gallant's, for movable kidney, iii. 155
 in Pott's disease, ii. 334
 in scoliosis, ii. 353
- Cosmetic surgery, iii. 622
 treatment of facial paralysis, iii. 687
 with tallow, iii. 688
- Cosmetics, skin, i. 849
- Costal arch, rhinoplasty with cartilage from, iii. 673
 cartilages, excision of, for exposure of heart and pericardium, ii. 624
 dislocations of, i. 623
 necrosis of, ii. 398
 resection of, in empyema, ii. 419
 in rigidity of chest, ii. 421
 chondritis, ii. 398
 joints, arthritis of, ii. 498
 pleura, ii. 399
- Cotton, absorbent, i. 41
- Cotton-process ether, iii. 807
- Couching cataract, ii. 172
- Counterirritation for inflammations, i. 237
- Counting sponges and instruments, i. 172
- Cowper's glands, inflammation of, iii. 275
- Coxa valga, iii. 465
 operation for, i. 770
 vara, iii. 463
 of adolescence, iii. 465
 operation for, i. 770
- Coxalgia, false, iii. 465
- Cracks of tongue, ii. 289
- Cradle, bed, i. 23, 24
- Cramp, writers', iii. 455
- Crane tendon sutures, i. 37
- Cranial nerve, fifth, injuries and diseases of, i. 881
- Cranio cerebral localization, ii. 48
 Chipault's method, ii. 48, 49
 Reid's method, ii. 49
 topography, ii. 45
- Craniotabes, ii. 41
- Craniotomy for exposure of Gasserian ganglion, ii. 106
 auriculotemporal, ii. 106
 control of hemorrhage in, ii. 109
 dividing sensory root, ii. 107
 high temporal, ii. 106
 intracranial method, ii. 107
 low temporal, ii. 106
 mortality, ii. 109
 operation of choice, ii. 109
 position of patient for, ii. 108
 removing ganglion in, ii. 107
 part of ganglion in, ii. 108
 results, ii. 110
 special modifications, ii. 108
 subtemporal, ii. 106
 two-stage operation, ii. 108
 in intracranial hemorrhage in newborn, ii. 61
 osteoplastic, ii. 30, 34
 administration of anesthetic, ii. 31
- Craniotomy, osteoplastic, cutting bone flap in, ii. 32, 33
 flap method, ii. 38
 in occipital region, ii. 31
 incisions for, ii. 31
 intermuscular temporal, ii. 36
 method of applying drainage in, ii. 35
 occipital, bilateral, ii. 38, 40, 41
 unilateral, ii. 37, 39
 position on table for, ii. 31
 preparation of patient, ii. 30
 suboccipital, ii. 36
 temporal, ii. 34, 36
 two-stage operation, ii. 32
 subtemporal, ii. 106
 temporal, in spontaneous cerebral apoplexy, ii. 58
- Cranium. See *Skull*.
- Cravat bandage of axilla, iii. 787
 of chest, figure-of-eight, iii. 787
 of eye, iii. 787
 of face, iii. 786
 of head, crossed, iii. 787
 of scalp, iii. 784
 simple occipitofrontal, iii. 784
 sling bandage of forearm, iii. 787
- Cream, Moynihan's, as antiseptic, i. 72
- Creolin, i. 66
- Creosote as antiseptic, i. 66
- Crepe paper bandages, iii. 794
- Cresol as antiseptic, i. 66
- Cresol-acetone method of hand sterilization, i. 174
- Cretinism, i. 322
- Crile's anoci-association, i. 213, 214
 method of laryngectomy, ii. 235
 of ligation of thyroid gland, ii. 393
 of thyroidectomy, ii. 392
 pneumatic suit, for prevention of shock, i. 216
- Crippled, reëducation of, iii. 615
- Crises, gastric, of tabs, excision of spinal ganglia in, ii. 348
 rhizotomy for, ii. 347
- Crochet hooks, removal of, from tissues, iii. 809
- Crossed bandage of eyes, iii. 750
 of face, iii. 743
- Crucial ligament, relaxed, i. 653
 rupture of, i. 653
- Crushing vessels in hemorrhage, i. 339
- Crutch paralysis in fractures, i. 527
- Cryer's spiral osteotome, ii. 28
- Cryptophthalmos, ii. 119
- Crystalline lens, diseases of, ii. 132
 dislocation of, ii. 134
 extraction of, without incision of capsule, in cataract, ii. 170
 foreign bodies in, ii. 133
- Cubitus varus of elbow-joint, iii. 451
- Cuff method of amputation, iii. 515
 circular, iii. 507
- Cul-de-sac, rectovaginal, iii. 325
 vaginal, iii. 324
- Cumol method for sterilizing catgut, i. 34
- Cuneiform osteotomy, i. 713
 for club-foot, iii. 481

- Cunningham's hammock suspensory bandage of scrotum, iii. 782
- Cupping, i. 230
- Curative inoculations, i. 255
- Curetage in chronic endometritis, iii. 400
- in inoperable cancer, i. 331
- of cavity of uterus, iii. 399
- of ulcers, i. 309
- perforation of wall of uterus by, iii. 401
- Curvature of penis, iii. 254
- of spine, lateral, ii. 352. See also *Scoliosis*.
- of tibia, anterior, iii. 468
- Curved needle for intestinal suture, ii. 627
- how to make, iii. 807
- Cushing's approach in operations on pituitary body, ii. 88
- method for suboccipital unilateral craniotomy, ii. 38
- parallel continuous stitch in intestinal suture, ii. 631
- rubber tourniquet for scalp operations, ii. 20, 21
- Cushions, air, i. 23
- water, i. 23
- Cutin, i. 74
- Cut-throat with wound of air-passages, ii. 360
- of blood-vessels, ii. 360
- Cutting cautery, i. 80
- Cyclitis, ii. 130
- Cyclodialysis, ii. 157
- in glaucoma, ii. 161
- Cystadenoma of breast, ii. 475
- Cystectomy, iii. 225
- Cystic degeneration of cervix, iii. 375
- of ovary, iii. 431
- dilatation of common bile-duct, iii. 113
- duct, anatomy, iii. 105
- gall-stones in, iii. 116
- occlusion of, iii. 115
- mastitis, chronic, ii. 474
- Cysticercus cutis, i. 848
- Cystitis, iii. 191
- acute, iii. 191
- gonorrhoeal, iii. 192
- chronic, iii. 192
- from mixed infection, iii. 192
- gangrenous, iii. 193
- irrigation in, iii. 192
- membranous, iii. 193
- tuberculous, iii. 193
- urinary retention from, iii. 212
- Cystocele, colpoplasty for, iii. 343
- White's operation for, iii. 345
- Cystoma, i. 325
- bone, i. 470
- of brain, ii. 75
- of lips, ii. 254
- parovarian, iii. 434
- Cystoscope, Pilcher's catheterizing, iii. 189
- Cystoscopy, iii. 187
- technic, iii. 187
- Cystotomy, perineal, iii. 217
- for hypertrophy of prostate, iii. 232
- lateral, iii. 218
- median, iii. 219
- Cystotomy, suprapubic, iii. 214
- closure of wound, iii. 215
- for hypertrophy of prostate, iii. 232
- incision for, iii. 214
- local anesthesia in, i. 151
- preparations for, iii. 214
- transverse suprapubic incision for, iii. 217
- transperitoneal, iii. 221
- vaginal, for stone in bladder, iii. 203
- Cysts, anosacral, iii. 461
- benign, i. 325
- bone, i. 709
- echinococcus, i. 326
- hydatid, of liver, iii. 112
- infected, i. 326
- Meibomian, ii. 120
- mesenteric, ii. 564
- of breast, ii. 476
- of eyelids, ii. 138
- of intestinal wall, ii. 582
- of intestines, gaseous, perforation of, ii. 581
- of jaws, ii. 286
- of kidney, iii. 151
- of lung, echinococcus, ii. 445
- of maxillary antrum, ii. 197
- of neck, ii. 372
- of omentum, ii. 620
- of ovary, dermoid, iii. 433
- of pancreas, ii. 783
- of prostate, iii. 248
- of spleen, hydatid, ii. 785
- of stomach, ii. 703
- of teeth, ii. 280
- of tongue, ii. 292
- of umbilicus, ii. 537
- of urachus, ii. 538
- of urethra, iii. 272
- of vagina, iii. 356
- of vulva, iii. 328
- retroperitoneal, ii. 564
- sebaceous, i. 845
- of face, ii. 115
- of scalp, ii. 24
- Czerny's mucosa suture of intestine, ii. 635
- DACRYOCYSTITIS, ii. 136
- Dakin-Carrel instillation method for infected wounds, i. 242
- Dakin's antiseptic, i. 60
- for infected wounds, i. 242
- formula, i. 61
- volumetric analysis, i. 61
- Dandruff, i. 844
- Davis' method of restoring end of finger, iii. 458
- operation for ectropion, ii. 146
- Davison's methods of holding bone transplant in place, i. 512, 517
- Dawbarn's method for siphon drainage of bladder, iii. 223
- Deafness, advanced tympanic, ii. 319
- Decapsulation of kidney, iii. 170
- for nephritis, iii. 146

- Decompression corset in scoliosis, ii. 354
 in brain tumors, ii. 78
 in epilepsy, ii. 101
 of brain, ii. 54
- Decortication of lung in chronic non-tuberculous empyema, ii. 410
- Decubitus, ventral, for amputation, iii. 500
- Defects, congenital, of auricle, ii. 303
- Defibrinated blood in hemorrhage, i. 343
- Deflections of nasal septum, ii. 188
- Deforming osteochondritis of hip-joint in children, iii. 463
- Deformity after fracture of lower extremity
 of humerus, i. 571
 of arm, congenital, iii. 457
 of jaws, ii. 280
 of lower jaw with defective occlusion, ii. 283
 of skull, ii. 42
 silver-fork, in Colles' fracture, i. 575
- Degeneration, cystic, of ovary, iii. 431
 of muscles, i. 792
 ischemic, i. 793
 polycystic, of kidney, iii. 151
- Deguisse's method of closing parotid salivary fistula, ii. 377
- Dehydration, sterilization by, i. 30
- De Keating-Hart's method of fulguration, iii. 699
- Delatour's apparatus for collecting feces after colostomy, ii. 695
- Delayed union in fractures, i. 527
- Delbet's paste for wound dressings, iii. 807
- Delirium, traumatic, in fractures, i. 527
 tremens, iii. 812
 with fractures, i. 526
- Deltoïd muscle, paralysis of, i. 795
- Del Valle's operation for varicocele, iii. 318
- Dench's operation in middle-ear disease with labyrinthine involvement, ii. 321
- Denker's operation through upper jaw to reach nasopharynx, i. 724
- Denudation operation in vesicovaginal fistula, iii. 346
- Denuded bones, i. 467
- Depressing cataract, ii. 172
- Dermatitis exfoliativa, i. 826
 from x-rays, iii. 720
 herpetiformis, i. 827
 infectiosus eczematoid, i. 826
 venenata, i. 825
- Dermatol as antiseptic, i. 71
- Dermo-epidermic skin-grafting, iii. 644
- Dermoid cysts of breast, ii. 477
 of kidney, iii. 151
 of ovary, iii. 433
 tumors of scalp, ii. 24
- Desault's bandage of shoulder, iii. 755
- deSchweinitz's rules for enucleation of eye, ii. 130
- Desmarres' operation for pterygium, ii. 150
- Desiccated vaccine in hydrophobia, i. 273
- Detachment of retina, ii. 134
- DeWecker's operation for staphyloma, ii. 152
- Dextrin dressings, i. 56
- Diabetes as factor in operation, i. 181
- Diabetes, soft eyeball in, ii. 132
- Diabetic gangrene, i. 318
 iritis, ii. 129
 retinitis, ii. 134
 ulcers, i. 314
- Diaper bandage of pelvis, iii. 782
- Diaphragm, hernia of, treatment, ii. 470
 thoracic exposure of, ii. 467
 tumors of, treatment, ii. 470
 wounds of, ii. 398, 536
- Diaphragmatic hernia, iii. 50
 pleura, ii. 399
- Diaphragmotomy, subpleural, for subphrenic abscess, ii. 554, 555
- Dichloramin-T as antiseptic, i. 64
 in burns, i. 65, 821
 in infected wounds, i. 247
 in peritonitis, ii. 551
- Dickinson's rubber retractor, ii. 515
- Dieffenbach's median operation for excision of upper jaw, i. 722
 operation for ectropion, ii. 146
- Diffuse inflammation of external auditory canal, ii. 304
- Dilatation, continuous, in urethral stricture, iii. 290
 gradual, of urethral stricture, iii. 288
 of colon, acquired, ii. 614
 chronic intestinal obstruction from, ii. 610
 congenital, ii. 614
 of common bile-duct, cystic, iii. 113
 of esophagus, ii. 438
 of sphincter ani, iii. 60
 of stomach, ii. 713
 acute, ii. 615, 714
 chronic atonic, ii. 713
 gastroplication in, ii. 714
 postoperative, ii. 615
 of uterine canal, iii. 398
 rapid, in stricture of urethra, iii. 290
- Dimethylacetal anesthesia, i. 118
- Dionin in diseases of cornea, ii. 124
 in eye diseases, ii. 118
- Diphtheria, ii. 207
 bacillus, wound infection with, i. 262
- Diphtheric conjunctivitis, ii. 123
- Diplobacillus conjunctivitis, ii. 122
- Direct laryngoscopy, ii. 240
- Directors, i. 75
- Disarticulation, iii. 498, 501
 of all toes at metatarsophalangeal joints, iii. 575
 with metatarsal bones, iii. 580
 of ankle, iii. 583
 of elbow, iii. 557
 by long posterior and short anterior flaps, iii. 558
 by oblique circular method, iii. 559
 by posterior ellipse, iii. 559
 method of making flaps for, iii. 558
 of end phalanges of toes, iii. 572
 of fifth metacarpal bone with little finger, iii. 552
 of fingers, iii. 544
 at first interphalangeal joint, iii. 546
 at metacarpophalangeal joint, iii. 546

Disarticulation of fingers with metacarpal bones, iii. 552
 with second and third metacarpal bones, iii. 552
 third and fourth metacarpal bones, iii. 553
 with third, fourth and fifth metacarpal bones, iii. 553
 or fourth metacarpal bones, iii. 552
 of first metacarpal bone with thumb, iii. 552
 of foot at ankle, with preservation of posterior part of os calcis, iii. 585
 with removal of malleoli, iii. 584
 anterior to astragalus and os calcis, iii. 580
 heel-flap method, iii. 583
 subastragaloid, iii. 582
 of great toe at metatarsophalangeal joint, iii. 573
 of hip, iii. 601
 by anterior racket incision, iii. 604
 control of hemorrhage in, iii. 602
 by acupressure, iii. 604
 by long pins and elastic tourniquet, iii. 602
 by preliminary ligation of vessels, iii. 603
 by tourniquet transfixion of thigh, iii. 603
 local anesthesia in, i. 146
 of index-finger at metacarpophalangeal joint, iii. 549
 of knee, iii. 591
 by bilateral flaps, iii. 592
 by oblique incision, iii. 593
 by single long flap, iii. 593
 by unequal anteroposterior flaps, iii. 593
 of last phalanx of fingers, iii. 545
 of little finger at metacarpophalangeal, iii. 550
 of metacarpal bones, iii. 553
 at carpometacarpal joint, iii. 554
 with fingers, iii. 552
 of more than two toes at metatarsophalangeal joints, iii. 574
 of second and third metacarpal bones with fingers, iii. 552
 metacarpal bone with first finger, iii. 552
 third and fourth metacarpal bones with fingers, iii. 553
 of shoulder, iii. 562
 by anterior racket incision, iii. 566
 by external flap, iii. 567
 control of hemorrhage in, iii. 563
 racket incision, iii. 567
 motor stump in, iii. 565
 stump in, iii. 565
 of smaller toes at metatarsophalangeal joint, iii. 574
 of third, fourth and fifth metacarpal bones with fingers, iii. 553
 or fourth metacarpal bones with fingers, iii. 552

Disarticulation of thumb at metacarpophalangeal joint, iii. 548
 of two or more adjacent toes with their metatarsal bones, iii. 579
 of wrist, iii. 554
 with double flaps, iii. 555
 with lateral flap, iii. 555
 with palmar flap, iii. 554
 Dishes, i. 81, 84
 Disk, choked, ii. 135
 Dislocations, i. 610
 after-treatment, i. 611
 blood-vessel injuries in, i. 611
 complications, i. 611
 compound, i. 612
 congenital, i. 613. See also *Congenital dislocations*.
 distortion following, i. 613
 doubtful reductions, i. 611
 edema in, i. 612
 fatal results in, i. 612
 fracture, i. 521, 611
 habitual, i. 612
 in newborn, iii. 696
 infection in, i. 612
 nerve injuries in, i. 611
 obstacles to reduction, i. 610
 of ankle, i. 649
 congenital, i. 618
 of carpometacarpal joints, i. 639
 of carpus, i. 638
 of individual bones, i. 639
 of cartilages of joints, i. 652
 of clavicle, i. 623
 backward, of acromial end, i. 625
 of sternal end, i. 624
 forward, of sternal end, i. 623
 simultaneous, of both ends, i. 625
 subacromial, i. 625
 subcoracoid, i. 625
 upward, of acromial end, i. 624
 of sternal end, i. 624
 of costal cartilages, i. 623
 of crystalline lens, ii. 134
 of elbow, i. 635. See also *Dislocations of forearm*.
 of ensiform process, i. 549
 of fibula, i. 649
 of fingers, i. 639
 of forearm, i. 635
 anteroposterior, i. 636
 backward, i. 635
 complete outward, i. 636
 complications, i. 637
 congenital, i. 618
 forward, i. 636
 incomplete inward, i. 635
 outward, i. 636
 lateral, old, i. 638
 old unreduced, i. 637
 pathologic, i. 638
 posterior, old, i. 637
 transverse, i. 636
 of great toe, i. 649
 of hip, i. 640
 backward, i. 641
 Bigelow's reduction, i. 641

- Dislocations of hip, backward, Stimson's reduction, i. 641
 bone grafts in, i. 783
 complications, i. 645
 downward and inward, i. 643
 on ischium, i. 645
 everted dorsal, i. 643
 forward, i. 645
 fractures of neck of femur in, i. 646
 of shaft of femur in, i. 646
 habitual, i. 646
 old unreduced, i. 646
 excision of head of femur in, i. 647
 osteotomy of neck of femur in, i. 647
 perineal, i. 644
 spontaneous, iii. 462
 through floor of acetabulum, i. 645
 uncomplicated, after-treatment, i. 645
 upward, i. 645
- of knee, i. 647
 backward, i. 648
 congenital, i. 617, 648
 forward, i. 647
 lateral, i. 648
 rotary, i. 648
- of lower extremities, iii. 462
 jaw, i. 618
 backward, i. 619
 forward, 618
 old irreducible, i. 619
 outward, i. 619
 upward, i. 619
- of manubrium, i. 549
- of mediocarpal joint, backward, i. 638
 forward, i. 638
- of metatarsus, i. 649
- of patella, i. 648
 congenital, i. 618
 habitual, bone grafts in, i. 787
- of penis, iii. 250
- of phalanges, i. 649
- of proximal phalanges of fingers, i. 639
 phalanx of thumb, i. 639
- of radius, backward, i. 637
 congenital, i. 618
 forward, i. 637
 old, i. 638
 outward, i. 637
- of ribs, i. 623
 from vertebræ, i. 623
- of semilunar cartilage of knee, i. 652
- of shoulder, i. 626
 after-treatment, i. 630
 anterior, i. 626
 adduction in, i. 627
 after-treatment, i. 630
 continuous right-angle traction in, i. 629
 downward and outward traction in, i. 628
 foot-in-axilla reduction, i. 628
 fulcrum method in, i. 629
 obstacles to reduction, i. 629
 old, i. 630
 outward rotation in, i. 627
 perpendicular traction in, i. 629
 reduction, natural, i. 626
- Dislocations of shoulder, complicating injuries, i. 631
 compound, i. 632
 congenital, i. 618, 634
 downward, i. 630
 erect, i. 630
 fracture of anatomic neck of humerus with, i. 631
 of scapula with, i. 632
 of shaft of humerus with, i. 631
 habitual, i. 632
 old unreduced, i. 634
 paralytic, i. 634
 penetration of chest wall in, by head of humerus, i. 632
 posterior, i. 630
 ruptures of muscles and tendons in, i. 631
 subglenoid, i. 630
 upward, i. 630
- of tarsus, i. 649
- of testicles, iii. 307
- of ulna, backward, i. 636
 forward, i. 637
 inward, i. 637
- of ulnar nerve, i. 897
- of vertebræ, i. 620
 between atlas and axis, i. 622
 between occiput and atlas, i. 622
 bilateral, i. 621
 complete, i. 620
 dorsal, i. 622
 forward, i. 621
 from ribs, i. 623
 irreducible, i. 622
 lower six cervical, i. 622
 lumbar, i. 622
- of wrist, i. 638
 backward, i. 638
 congenital, i. 618
 forward, i. 638
 lateral, i. 638
- old unreduced, i. 612
 operative treatment, i. 611
 recurrent, i. 612
 reduction, i. 610
 anesthesia in, i. 610
 rupture of muscles in, i. 612
 spontaneous, i. 613
- Displacements of uterus, iii. 376
- Dissecting aneurism, i. 380
 forceps, i. 75
- Distortions following wounds, burns, and ulcerations, iii. 603
- Diverticula, intestinal, ii. 603
 of bladder, iii. 206
 of esophagus, ii. 438
 extirpation of, ii. 439
- Diverticulum of Vater, iii. 106
- Divulsion, continuous, in fractures, i. 496
- Dodd's non-adherent dressing, i. 220
- Dorrance's incision in felon, iii. 442
- Dorsal incision of prepuce, iii. 257
 tendon sheaths, infections of, iii. 448
 vertebræ, dislocations of, i. 622
- Dorsalis pedis artery, ligation of, i. 445
- Dorsum of penis, iii. 248

Double vagina, iii. 357
 Douche-pan, i. 24
 Dowd's operation for femoral hernia, iii. 47
 Doyen's burr, ii. 27, 29
 hand saw for linear bone incisions, ii. 30
 motor bone saw, i. 601
 Drainage in abdominal operations, ii. 524
 in abscess, i. 252
 in amputation, iii. 513
 in peritonitis, ii. 547, 549
 lymphatic, i. 463
 materials, i. 45
 of bladder, perineal, iii. 222
 permanent, iii. 221
 suprapubic, iii. 221
 urethral, iii. 222
 of maxillary antrum, ii. 195
 of pancreas, ii. 780
 of wounds, i. 204
 subcutaneous, in ascites, ii. 559
 suction, of bladder, iii. 222
 tubes, i. 44, 45
 glass, i. 46
 rubber, i. 45
 self-retaining, i. 46
 Vance's, i. 47
 vesicovaginal, iii. 221
 Drains, cigarette, i. 47, 48
 gauze, i. 47
 non-absorbent, i. 47
 wick, i. 47
 Dressings, i. 205
 adhesive plaster, iii. 812
 asbestos absorbent wool, i. 42
 cement, i. 56
 charcoal, i. 42
 coal-ash, i. 42
 dextrin, i. 56
 flax, i. 41
 Florida moss, i. 42
 for abscess, i. 252
 for carbuncle, i. 253
 for ulcers, i. 308
 gauze, i. 39. See also *Gauze dressings*.
 glue, i. 56
 gum mixtures for, i. 57
 Indian hemp, i. 42
 lamb's wool, i. 42
 magnesite, i. 57
 materials for, i. 39
 non-adherent, i. 220
 oakum, i. 41
 paper wool, i. 42
 peat, i. 42
 sawdust, i. 42
 subsequent, i. 211
 tow, i. 41
 turf-moss, i. 42
 wood fiber, i. 42
 wadding, i. 42
 zinc-gelatin, in varicose ulcers, i. 310
 Drill, bone, brace for, ii. 29
 Drop, wrist-, iii. 452
 Drop-finger, iii. 455
 Drop-foot, i. 898
 infantile paralysis with, silk ligaments in,
 i. 802

Drowning, resuscitation in, iii. 733
 Drum, ear, ii. 299. See *Tympanic membrane*.
 Dry air sterilization of rubber gloves, i. 52
 gangrene, i. 316
 heat method for catgut, i. 36
 laryngitis, ii. 222
 skin, i. 844
 Duboisin sulphate as mydriatic, ii. 118
 Dubose's double sliding flap operation for
 umbilical hernia, iii. 43
 Duct, common bile. See *Common duct*.
 hepatic, anatomy, iii. 105
 incision of, iii. 129
 cystic, anatomy, iii. 105
 of Skene, iii. 324
 of Wirsung, iii. 106
 thoracic. See *Thoracic duct*.
 Dunham's method of transplanting cheek
 flap with temporal artery, iii. 660
 Duodenal fistula, ii. 582
 hernia, iii. 50
 lavage, ii. 701
 region, peritonitis of, ii. 557
 ulcer, ii. 576
 gastrojejunostomy in, ii. 578
 indications for operation in, ii. 577
 intermittency in, ii. 577
 jejunostomy in, ii. 578
 operative treatment, ii. 577
 perforating, ii. 579
 permanent occlusion of pylorus for, ii.
 578
 pyloroplasty in, ii. 578, 740
 reconstruction operation after, ii. 775
 Duodenostomy in corrosive esophagitis, ii.
 432
 Duodenum, anatomy, ii. 621
 exposure of, route for, ii. 780
 freeing, for pyloroplasty, ii. 739
 occlusion of, ii. 615
 ulcer of, reconstruction operation after, ii.
 775
 Dupuytren's contracture, iii. 454
 splint in Pott's fracture, i. 606
 Dura mater, anatomy, ii. 43
 defects of, fascia-flaps for, iii. 647
 fat-graft for, iii. 648
 venous sinuses of, thrombosis of, ii. 70
 infective, ii. 71
 wounds of, ii. 61
 Dwarfism, i. 322
 Dysentery, tropical, ii. 570
 Dysmenorrhœa, iii. 394
 abdominal exercises for, iii. 396
 atropin in, iii. 395
 gradual dilatation in, iii. 395
 pessary in, iii. 395
 resection of muscle of os in, iii. 396
 of spermatic nerve plexus for, iii. 396
 Dyspeptic ulcers of tongue, ii. 289
 Dyspnea after operation in harelip, ii. 274
 thymic, ii. 395
 EAR, ii. 299
 anatomy of, ii. 299
 bandage of, iii. 750

- Ear, bones of, ii. 299
 cauliflower, ii. 303
 drum, ii. 299. See *Tympanic membrane*.
 external. See *Auricle*.
 middle. See also *Middle ear*.
 operations on, by local anesthesia, i. 143
 ossicles of, ii. 299
 postmeatal triangle of, ii. 300
 running, ii. 310
- Ecchymosis of eyelids, ii. 121
- Echinococcus cysts, i. 326
 of abdominal wall, ii. 538
 of lung, ii. 445
 of neck, ii. 372
- Eck's fistula, i. 458
 in ascites, ii. 561
- Economics of surgical treatment, iii. 795
- Ecraseur, i. 79
- Ecthyma, i. 829
- Ectopic pregnancy, iii. 435
 dead fetus in, iii. 437
 rupture of tube in, iii. 435
 transplantation of, from Fallopian
 tube to uterus, iii. 437
 with fetus growing in abdomen, iii. 436
- Ectropion, ii. 119, 120; iii. 369
 of lower lip, plastic operation for, iii. 654
 operations for, ii. 144
- Eczema, i. 830
 acute, i. 831
 erythematous, i. 831
 bichlorid, i. 833
 chronic dry, i. 831
 radium in, iii. 713
 in children, i. 833
 local treatment, i. 831
 of anus, i. 832
 of conjunctiva, ii. 123
 of cornea, ii. 125
 of external auditory canal, ii. 304
 of eyelids, i. 832
 of face, erythematous, i. 832
 of hands, i. 833
 of legs, i. 832
 of lips, i. 832
 of nipples, ii. 473
 of palms and soles, hyperkeratotic, i. 833
 of scalp, i. 832
 of scrotum, i. 832
 of vulva, i. 832
 purulent, i. 832
 vaccines in, i. 832
 vesicular, i. 831
 with varicose veins, i. 448
 x-rays in, iii. 704
- Eczematoid dermatitis, infectious, i. 826
- Eczematous ulcers, i. 314
- Edema, fat-grafts to prevent, iii. 648
 in dislocations, i. 612
 in fractures, i. 524
 of glottis, ii. 221
 of hands, iii. 450
 of optic nerve, intra-ocular, ii. 135
 of papilla, engorgement, ii. 135
 of scrotum, iii. 302
- Edematous ulcers, i. 314
- Efferent nerves, i. 861
- Effusion, noninfective meningeal, ii. 68
- Ehrenfried's method of correction for
 club-foot, iii. 471
- Ehrlich's "606." See *Salvarsan*.
 neosalvarsan, i. 294
- Ejaculatory ducts, iii. 249
- Elastic extension in fractures, i. 495
 ligature for fistula in ano, iii. 64
- Elbow, ankylosis of, arthroplasty for, i. 762
 arthrotomy of, iii. 451
 bandage of, mobilizing, iii. 759
 cubitus valgus of, iii. 451
 varus of, iii. 451
 disarticulation at, iii. 557
 by oblique circular method, iii. 559
 by posterior ellipse, iii. 559
 by short anterior and long posterior
 flaps, iii. 558
 method of making flaps for, iii. 558
 dislocations of, i. 635. See also *Disloca-
 tions of forearm*.
 excision of, i. 742. See also *Excision of
 elbow*.
 fractures of, i. 565
 sprains of, i. 652
 tuberculosis of, i. 679
- Elbrecht's apparatus for proctoclysis, iii. 57
- Electric burns, iii. 720
 currents, injuries from, iii. 716
 light treatment of infected wounds, i. 241
 motor for bone-grafting, i. 691
 reaction of motor areas of brain, testing
 for, ii. 51
 shock, iii. 716
 artificial respiration in, iii. 717
 intratracheal insufflation in, iii. 719
 rescue of victim after, iii. 716
- Electricity as hemostatic, i. 339
 in aneurism, i. 381
 in chronic inflammation, i. 25
 therapeutic, iii. 699
- Electrocautery, i. 80, 83
 in stricture of esophagus, ii. 438
- Electrode for testing electric reaction of
 motor areas and nerves, ii. 51
- Electrolysis for dilatation of esophageal
 stricture, ii. 438
 in aneurism, i. 382
 in angioma, i. 453
- Elephantiasis, i. 462
 fibrolysin in, i. 464
 nervorum of scalp, ii. 24
 of scrotum, i. 464; iii. 302
 of vulva, iii. 329
 treatment, i. 463
- Elevated-head position after abdominal
 operations, ii. 529
- Elevation in hemorrhage, i. 341
 of limbs for varicose veins, i. 448
 of part in inflammation, i. 237
 of periosteum, i. 688
- Elevator for tooth extraction, ii. 279
- Eliminants, gas, i. 226
- Elliot's method of trephining sclera in
 glaucoma, ii. 162
- Elliptical method of amputation, iii. 521
- Elongated mesocolon, ii. 616

- Elongation of patellar ligament, iii. 466
 of scrotum, iii. 302
 of uvula, ii. 255
- Elsberg and Beer's method of laminectomy in medullary tumors of spinal cord, ii. 341
 apparatus for insufflation of lungs, ii. 448
 extrusion treatment of medullary tumors of spinal cord, ii. 342
 incision for frontal approach to pituitary body, ii. 87
- Embalming method for infected wounds, iii. 812
- Embolic gangrene, i. 320
- Embolism, i. 454
 air, i. 447; ii. 430
 axillary, i. 455
 fat, i. 456
 from paraffin prosthesis, iii. 691
 prevention, iii. 692
 gas, from artificial pneumothorax, ii. 417
 of common iliac artery, i. 455
 of femoral artery, i. 455
 of pulmonary artery, i. 457
 treatment, i. 455
- Emergency instruments, i. 87
 splints, i. 472
- Emetin in amebic colitis, ii. 570
- Eminence, frontal, ii. 46
- Emphysema, ii. 400
 malignant, i. 270
 of neck, ii. 361
 pulmonary rib resection in, ii. 419
 subcutaneous, in artificial pneumothorax, ii. 417
 surgical, in fractures, i. 525
 traumatic, i. 820
- Emphysematous gangrene, i. 270
- Empyema, ii. 402
 after-treatment, ii. 404
 ambulatory treatment, ii. 407
 bismuth paste in, ii. 412, 413
 chronic nontuberculous, ii. 409
 decortication of lung in, ii. 410
 removing plastic deposits from lung in, ii. 410
 combined operations in, ii. 411
 delayed healing in, ii. 404
 Estlander's rib resection in, ii. 410
 internal thoracotomy for, ii. 403
 muscle implantation in, ii. 411
 of frontal sinuses, ii. 199
 of maxillary antrum, ii. 195
 of pericardium, ii. 423
 operation for, ii. 403
 without rib resection, ii. 408
 promoting expansion of collapsed lung after operation, ii. 405
 rib trephining for, ii. 407
 Schede's operation in, ii. 411
 securing increase of intrapulmonary pressure after operation, ii. 405
 simple intercostal thoracotomy in, ii. 403
 suction in, after operation, ii. 406
 thoracoplasty in, ii. 410
 tuberculous, ii. 413
 valve device in, ii. 406
- Emulsion iodoform as antiseptic, i. 69
- Encephalitis, acute, ii. 73
- Encephalocele, ii. 92
 operation on, ii. 93
- Encephalocystocele, ii. 93
- Enchondroma of bones, i. 709
 of jaws, ii. 286
- Endameba buccalis, ii. 277
- End-bearing stumps for prosthetic apparatus, iii. 614
- Endo-aneurismorrhaphy, i. 385
- Endolaryngeal operations, local anesthesia in, ii. 218
- Endometritis, acute, iii. 369
 gonorrhoeal, iii. 369
 chronic, iii. 369
 curettage in, iii. 400
 proliferative, iii. 370
 hemorrhagic, iii. 370
 senile, iii. 370
- Endonasal operations on lacrimal sac, ii. 178
- Endothelioma, i. 324
 of brain, ii. 75
- Endotracheal insufflation with nitrous-oxid oxygen, i. 122
- End-to-end anastomosis of arteries, i. 374
 of intestines, invagination method, ii. 654
 of segments of unequal size, ii. 656
 simple, ii. 647
 with mattress sutures, ii. 651
- End-to-side intestinal anastomosis, ii. 665
- Enemata, ii. 620
- Engorgement edema of optic papilla, ii. 135
- Enlarged thymus, ii. 395
- Ensiform process, dislocations of, i. 549
- Enterectomy, partial, ii. 636
- Enteric feeding, ii. 701
- Enteroclysis, i. 344
 neosalvarsan by, in syphilis, i. 297
 salvarsan by, in syphilis, i. 297
- Entero-enterostomy, ii. 646. See also *Intestinal anastomosis*.
- Enteroptosis, ii. 616
- Enterorrhaphy, ii. 628. See also *Intestinal suture*.
- Enterostomy, ii. 573, 683
 for acute intestinal obstruction, ii. 685
 purse-string suture in, i. 203
- Entropion, ii. 119, 120
 operations for, ii. 143
- Enucleation of eyeball, ii. 121, 157
 grafting eyeball after, ii. 160
 remote, insertion of artificial globe after, ii. 159
 rules for, ii. 130
 transplantation of fat into orbit after, ii. 160
 of growths in thyroid gland, ii. 385
 of tonsils, ii. 213, 214
 subcutaneous, of varicose veins, i. 452
- Enuresis, iii. 207
 Cathelin's epidural injection treatment, iii. 208

- Environment as factor in surgical treatment, i. 22
- Ependyma, diseases of, ii. 65
- Epicanthus, ii. 119
- Epicondyles of humerus, fractures of, i. 568
- Epidemic catarrhal conjunctivitis, ii. 122
- cerebrospinal meningitis, ii. 67
- carriers in, ii. 67
- Flexner's treatment, ii. 67
- intravenous serum treatment, iii. 820
- lumbar puncture in, ii. 67
- Epididymis, inflammation of, acute, iii. 304
- of opposite side, anastomosis of vas deferens to, for sterility, iii. 312
- tuberculosis of, iii. 305
- Epididymitis, iii. 304
- gonorrhoeal, surgical treatment, iii. 305
- Epidural injections for sacral pains, iii. 461
- in pelvic disease, iii. 461
- sacral anesthesia, i. 162
- Epigastric hernia, iii. 46
- Epigastrium, lipoma of, ii. 538
- Epilepsy, ii. 99
- curative effects of operations, ii. 101
- decompression in, ii. 101
- focal, ii. 101
- from tumors, ii. 101
- internal treatment, ii. 102
- of spontaneous origin, ii. 101
- prophylaxis, ii. 99
- removal of cervical sympathetic ganglia in, i. 899
- of sympathetic ganglia of neck in, ii. 101
- thymic, ii. 395
- traumatic causes, removal of, ii. 100
- with enlarged thymus, ii. 101
- Epileptic habit, ii. 99
- Ephiphoria, ii. 136
- Epiphyseolysis for knock-knee, iii. 468
- Epiphysis, caries and necrosis of, filling bone cavities in, i. 706
- loss of, operations to compensate, i. 769
- lower, separation, in fractures of lower end of femur, i. 594
- separation of, in fractures, i. 524
- Episcleritis, ii. 128
- Epispadias, iii. 270
- Epistaxis, ii. 184
- Epithelial plug in external auditory canal, ii. 306
- tumors, benign, i. 324
- Epithelioma, adamantine, i. 709
- of cervix, iii. 375
- of face, ii. 115
- inoperable, radium for, iii. 710
- of gums, ii. 280
- of lower lip, ii. 247
- excision of lip for, ii. 252
- incomplete operation for, ii. 250
- operations for, ii. 247-254
- resection of lip for, ii. 251
- of skin, x-rays in, iii. 705
- of tongue, radium in, iii. 712
- Epuhis, ii. 280
- Equinocavus, iii. 482
- Equinovalgus, iii. 482
- Equinovarus, paralytic, iii. 480, 484
- Equinus, paralytic, iii. 483
- Erasion, i. 710
- of joints, i. 738
- of knee, i. 710, 752
- Erectile bodies of penis, sclerosis of, iii. 255
- Ergot poisoning, gangrene from, i. 318
- Erosions of cervix, iii. 369
- rectal, iii. 61
- Erysipelas, i. 262
- curative effect, i. 264
- neonatorum, i. 263
- of scalp, ii. 24
- of scrotum, iii. 302
- phlegmonous, i. 262
- tincture of iodine in, i. 69
- toxins in inoperable cancer, i. 332
- treatment, i. 263
- ultra-violet rays in, i. 263
- vaccines in, i. 264
- Erysipeloid, i. 264
- Erythema induratum, x-rays in, iii. 704, 705
- intertrigo, i. 825
- multiforme, i. 825
- Eserin as miotic, ii. 118
- in acute intestinal stasis, ii. 614
- Esmarch bandage, i. 56
- for inflammation, i. 229
- operation for ankylosis of lower jaw, i. 726
- Esophageal bougies, ii. 434
- forceps, ii. 440
- Esophagectomy, partial cervical, ii. 443
- Esophagismus, ii. 442
- Esophagitis, acute catarrhal, ii. 432
- chronic, ii. 433
- corrosive, ii. 432
- gangrenous, ii. 433
- Esophagogastrojejunostomy, Roux's method, ii. 464.
- Esophagoplasty, ii. 464
- Esophagoscopes, ii. 243
- Esophagoscopy, ii. 243
- Esophagotomy, external cervical, ii. 442
- internal, in stricture of esophagus, ii. 438
- Esophagus, abscess of, ii. 432
- anatomy, ii. 430
- atresia of, ii. 433
- cancer of, radium in, iii. 712
- congenital stenosis of, ii. 433
- diverticula of, ii. 438
- extirpation of, ii. 439
- fissures of, ii. 433
- fistula of, ii. 439
- foreign bodies in, ii. 440
- removal, ii. 244
- operation for, ii. 441
- hemorrhage from, ii. 432
- inflammations of, ii. 432
- operations on, local anesthesia for, i. 144
- resection of lower segment, ii. 470
- rupture of, ii. 432
- spasm of, ii. 442
- stenosis of, cicatricial, ii. 433

Esophagus, stricture of, ii. 433. See also
Stricture of esophagus.
 thoracic, resection of, ii. 463
 tumors of, ii. 445
 ulceration of, ii. 432
 ulcers of, ii. 433
 wounds of, ii. 360, 431
 Esser's method of transplanting cheek flap
 with temporal artery, iii. 660
 Estlander's rib resection in empyema, ii.
 410
 Ether anesthesia, i. 104
 after-effects, i. 115
 aspiration pneumonia in, i. 105
 blood-pressure in, i. 105
 by intramuscular injections, i. 115
 by mouth, iii. 807
 closed method, i. 106
 combined closed and open method, i.
 108
 confined vapor method, i. 110
 effects, i. 105
 hallucinations in, i. 105
 hydrobromic, i. 118
 intravenous, i. 114
 methods, i. 105
 methyl, i. 118
 methylene, i. 118
 open drop method, i. 107
 pharyngeal insufflation in, i. 110
 primary method, i. 110
 rectal, i. 110
 vapor, i. 114
 vapor method, i. 109
 cotton-process, iii. 807
 effects of, i. 105
 for abscesses, i. 235
 fusil, i. 104
 inhalers, i. 106, 107
 pure, iii. 807
 sulphuric, in peritonitis, ii. 551
 treatment of infected wounds, i. 248
 Ether-oxygen anesthesia, i. 120
 Ethmoid sinuses, ii. 180
 suppuration of, ii. 197
 operation in, by orbital route, ii. 198
 Ethyl bromid anesthesia, i. 118
 chlorid anesthesia, i. 117
 as local anesthetic, i. 154
 chlorid-ether sequence, i. 119
 hydrate, as antiseptic, i. 72
 morphin hydrochlorid, in eye diseases, ii.
 118
 Eucaïn, as local anesthetic, i. 135
 Eucalyptol, as antiseptic, i. 72
 Eupad, as antiseptic, i. 62
 Europhen, as antiseptic, i. 70
 Eusol, as antiseptic, i. 62
 Eustachian tube, ii. 299
 catheterization of, ii. 302
 patency of, ii. 301
 Evacuator, Bigelow's, for litholapaxy, iii.
 109
 Evaporating lotions for inflammations, i.
 237
 Eventration in intestinal gangrene, ii. 609
 in intussusception, ii. 607

Eversion of eyelid, method, ii. 116
 operation for, ii. 144
 of sac for hydrocele, iii. 313
 Evisceration of eyeball, ii. 159
 Excision of ankle, i. 753
 by bilateral incisions, i. 754
 by external curved incision, i. 754
 by transverse external incision, i. 755
 of astragalus, i. 735, 736
 of bones, i. 717
 of calcaneum, i. 734, 736
 of clavicle, i. 729
 of coccyx, i. 732
 of costal cartilage for exposure of heart
 and pericardium, ii. 424
 of elbow, i. 742
 by long external incision, i. 745
 by posterior curved incision, i. 746
 median incision, i. 744
 by radial incision, i. 743
 by right angular incision, i. 744
 for ankylosis, i. 745
 osteoplastic, i. 745
 partial, i. 745
 of fibula, i. 734
 of first metatarsophalangeal joint, i. 755
 of hip, i. 748
 by anterior incision, i. 749
 by bow incision, i. 749
 by curved incision, i. 749
 by right angular curved incision, i. 749
 by straight external incision, i. 748
 of humerus, i. 730
 of shaft, i. 731
 total, i. 731
 of infected veins in puerperal pyemia, iii.
 371
 of joints, i. 738
 of knee, i. 749
 operation, i. 750
 without opening joint, i. 751
 of lacrimal sac, ii. 178
 of lower jaw, i. 724
 lip for epithelioma, ii. 252
 of metacarpal bones, i. 731
 of metatarsal bones, i. 737
 of nontoxic goiter, ii. 385
 control of hemorrhage, ii. 388
 results, ii. 389
 tracheotomy with, ii. 389
 of patella, i. 732
 of phalanges, i. 731
 of radius, i. 731
 of rectum by abdominal route for cancer,
 iii. 80
 by perineal route for cancer, iii. 78
 by postrectal route in cancer, iii. 76
 by sacral route for cancer, iii. 78
 by two-stage abdominosacral operation
 in cancer, iii. 81-85
 by vaginal route for cancer, iii. 80
 through anus for cancer, iii. 76
 of scapula, i. 730
 of shaft of humerus, i. 731
 of short internal incision, i. 745
 of shoulder, i. 741
 by curved osteoplastic incision, i. 742

- Excision of shoulder, by deltoid flap, i. 742
 by division of acromion through posterior incision, i. 742
 by transverse incision, i. 742
 through anterior incision, i. 741
 through vertical incision, i. 742
 of spinal ganglia in gastric crises of tabes, ii. 348
 of sternomastoid muscle in torticollis, ii. 375
 of tarsal bones, i. 734
 of tibia, i. 733
 of tongue for carcinoma, ii. 293
 after division of lower jaw, ii. 297
 after-treatment, ii. 299
 complete, ii. 294
 instruments for, ii. 293
 position of patient, ii. 293
 preparations, ii. 293
 through submaxillary incision, ii. 297
 without preliminary ligation of the vessels, ii. 296
 of ulna, i. 731
 of upper jaw, i. 717
 by external incision, i. 721
 by Langenbeck's cheek-flap operation, i. 722
 by mediolateral incision, i. 718
 Dieffenbach's median operation for, i. 722
 Malgaigne's method, i. 722
 subperiosteal, i. 722
 of vulva, iii. 329
 of whole of lower jaw, i. 725
 of wrist, i. 746
 by single dorsal incision, i. 747
 by two dorsal incisions, i. 746
 through bilateral incisions, i. 747
 operation in trachoma, ii. 151
 simultaneous, of both upper jaws, i. 722
 Exclusion, intestinal, ii. 677
 of pylorus, ii. 771
 Exemia, i. 213
 Exercises, abdominal, for dysmenorrhea, iii. 396
 in flat-foot, iii. 486
 Exfoliative glossitis, ii. 289
 Exophthalmic goiter, ii. 389, 390
 radium in, iii. 713
 removal of cervical sympathetic ganglia in, i. 899
 Exophthalmos, extreme, in hyperthyroidism, ii. 391
 pulsating, ii. 137
 in arteriovenous aneurism of cavernous sinus, ii. 73
 Exostosis bursitis, i. 709
 of external auditory canal, ii. 304
 Expiratory moan in abdominal operations, iii. 61
 Exploratory puncture of kidney, iii. 163
 Explosive bullets, wounds from, i. 222
 Exposure of gall-bladder and bile-ducts, iii. 119
 Bevan's incision for, iii. 120
 Exposure of gall-bladder and bile-ducts, Kocher's oblique subcostal incision for, iii. 119
 Mayo Robson's combined vertical and oblique incision for, iii. 120
 vertical incision for, iii. 121
 of joints, i. 738
 of kidney, iii. 157
 by abdominal route, iii. 163
 by combined extraperitoneal and transperitoneal method, iii. 163
 by lumbar route, iii. 157
 incision for, iii. 157
 position for, iii. 158
 by subcostal incision, iii. 162
 retroperitoneal, iii. 171
 of nasopharynx, ii. 216
 of seminal vesicles, iii. 278
 of ureter, iii. 171
 at lower end, iii. 172
 by extraperitoneal suprapubic approach, iii. 172
 retroperitoneal, iii. 171
 transvaginal, iii. 172
 Exstrophy of bladder, iii. 203
 implantation of ureters into cecum for, iii. 205
 Maydl's operation in, iii. 204
 Extemporized splints, i. 474
 Extension, continuous, in fractures, i. 488
 elastic, in fractures, i. 495
 nail, in fractures, i. 495
 pillow, in fractures, i. 493
 pneumatic, in fractures, i. 494
 Extensor proprius hallucis, transplantation of, for tibialis anticus, i. 899
 External angular process of supra-orbital arch, ii. 46
 auditory canal, ii. 304. See *Canal, external auditory*.
 ear. See *Auricle*.
 Extirpation of diverticula of esophagus, ii. 439
 of penis, iii. 256
 of unopened sac in hydrocele, iii. 316
 Extracapsular fixation for movable kidney, iii. 168
 Extraction of cataract. See *Cataract extraction*.
 of teeth, ii. 278
 anesthesia for, ii. 278
 bleeding after, ii. 279
 by local anesthesia, i. 141
 technic, ii. 278
 with elevator, ii. 279
 Extradrural abscess, ii. 316
 hemorrhage, ii. 55
 ligation of middle meningeal artery in, ii. 56
 infections, ii. 65
 of otic origin, ii. 65
 Extramammary abscess, ii. 474
 Extraperitoneal Cesarean section, iii. 408
 rupture of bladder, iii. 191
 suprapubic approach to ureter, iii. 172
 Extrajial hemorrhage compressing spinal cord, ii. 325

Extravasation of urine in urethral injuries,
 iii. 271
 prevention, iii. 271
 stricture of urethra with, iii. 299

Extremities, infections of, extension to
 adjacent parts, iii. 448
 hot wet dressings in, iii. 445
 incision in, iii. 445
 passive hyperemia in, iii. 445
 rest in, iii. 444

lower, iii. 462
 amputations of, iii. 570
 bandages for, iii. 767
 fractures of, iii. 462
 prosthetic apparatus for, iii. 611
 motor, iii. 611

operations on, prevention of shock in, i.
 215

upper, amputation of, iii. 542
 bandages of, iii. 753, 760
 diseases of, iii. 441
 operations on, local anesthesia in, i.
 145
 prosthetic apparatus for, iii. 607

Extrusion of iris, ii. 121
 of medullary tumors of spinal cord, ii.
 342

Exuberant ulcers, i. 314

Exudative synovitis, i. 658

Eye, ii. 115
 anatomy, ii. 115
 anterior chamber of, abscess of, ii. 128
 drainage of, ii. 152
 antiseptics for, ii. 118
 bandages of, iii. 777
 cravat, iii. 787
 crossed, iii. 750
 oblique, iii. 749
 split, iii. 779
 diseases of, subconjunctival injections in,
 ii. 179
 in general anesthesia, i. 99
 muscles of, operations on, ii. 174
 paralysis of, 135
 operations on, ii. 138
 cocain anesthesia in, ii. 118
 dressings for, ii. 138
 holocain anesthesia in, ii. 118
 instruments for, ii. 138, 139
 materials for, ii. 119, 138
 position of patient, ii. 118
 of surgeon, ii. 119
 preparation of patient, ii. 118
 of region for, ii. 138
 shield for, ii. 138, 140

Eyeball, adhesion of eyelids to, operations
 for, ii. 150
 enucleation of, ii. 121, 157
 grafting eyeball after, ii. 160
 remote, insertion of artificial globe
 after, ii. 159
 rules for, ii. 130
 transplantation of fat into orbit after,
 ii. 160
 evisceration of, ii. 159
 implantation of artificial globe after,
 ii. 159

Eyeball, iron foreign bodies in interior, re-
 moval of, ii. 160
 old cicatricial contractures of, operations
 for, ii. 159
 operations on, ii. 157
 soft, in diabetes, ii. 132
 turning forward of lid margin, away from,
 ii. 120
 of lid border toward, ii. 120
 wounds of, ii. 121

Eyelids, absence of, ii. 119
 adhesion of, to eyeball, operations for,
 ii. 150
 blastomycosis of, ii. 120
 cellulitis of, ii. 119
 cleft, ii. 119
 cohesion at outer angle, ii. 119
 with ball, ii. 119
 congenital anomalies, ii. 119
 cysts of, ii. 138
 diseases of, 119
 ecchymosis of, ii. 121
 eczema of, i. 832
 eversion of, method, ii. 116
 operation for, ii. 144
 granular, ii. 123
 herpes zoster of, ii. 119
 inability to close, ii. 120
 inflammation of margins, ii. 119
 injuries of, ii. 120
 inversion of, operations for, ii. 143
 operations on, ii. 138
 ptosis of, ii. 119
 operations for, ii. 138
 resection of, blepharoplasty for, ii. 147
 seborrhea of, ii. 119
 tumors of, ii. 120
 turning forward of margin away from
 ball, ii. 120
 of border toward ball, ii. 120
 union between margins of, ii. 119
 upper, operation for restoration, ii. 142
 ptosis of, ii. 120; iii. 820
 wounds of, ii. 121

FACE and scalp, bandage of, iii. 786
 bandage of, cravat, iii. 786
 crossed, iii. 743
 contusions of, ii. 115
 cream, greaseless, i. 849
 epithelioma of, ii. 115
 inflammations of, ii. 115
 injuries and diseases of, ii. 115
 inoperable epithelioma of, radium for, iii.
 710
 moles of, ii. 115
 nevi of, ii. 115
 nevus of, radium in, iii. 714
 operations on, local anesthesia for, i.
 140
 plastic operations on, iii. 622
 prosthetic apparatus for, iii. 686
 sebaceous cysts of, ii. 115
 tumors of, ii. 115
 wounds of, ii. 115
 masks for, iii. 686

- Facial artery, ligation of, i. 412
 sliding flaps with, plastic operation with, iii. 663
 muscles, spasm of, i. 888
 nerve. See *Fifth nerve*.
 paralysis, i. 881
 accessorius-facial nerve grafting in, i. 885
 Ballance's operation in, i. 887
 cosmetic treatment, iii. 687
 grafting hypoglossal nerve in, i. 882
 spinal accessory nerve in, i. 882
 hypoglossal-accessorius-facial nerve grafting in, i. 886
 hypoglossal-facial nerve grafting in, i. 883
- Fallopian canal, ii. 299
 tubes, iii. 326
 diseases of, iii. 426
 preservation of menstrual function in, iii. 430
 divided, operations for restoring, iii. 429
 hemorrhage in, iii. 430
 hernia of, iii. 51
 operations on, for sterility, iii. 428
 to induce sterility, iii. 428
 technic, iii. 429
 to restore patency, iii. 430
 rupture of, iii. 430
 transplantation of ectopic pregnancy from, to uterus, iii. 437
 wounds of, iii. 430
- False coxalgia, iii. 465
 Family peculiarities as factor in surgical treatment, i. 18
 Farabeuf's incision for amputation of leg, iii. 587
 internoplantar flap disarticulation of foot, iii. 582
 operation for excision of tarsal bones, i. 735
- Faradism in hyperthyroidism, ii. 390
 Fascia, i. 818
 fixation of uterus for retroversion, iii. 394
 for reconstruction of tendon, i. 803
 in hemorrhage, i. 342
 living, as sutures, i. 38
 Fascia-grafting, iii. 645
 Fat, animal, effect of, on leukocytosis, i. 20
 embolism, i. 456
 filling bone-cavities with, i. 704
 in hemorrhage, i. 342
 transplantation of, into orbit, after enucleation, ii. 160
 Fat-foot, iii. 485
 Fat-grafting, iii. 648
 Fauces, operations on, ii. 205
 Faulty union in fractures, i. 527
 Favus, i. 838
 Fecal fistula, bismuth paste injections in, i. 307
 closure of, ii. 616, 617
 temporary, ii. 619
 permanent, ii. 687
 temporary, ii. 686
 with obstruction, closure of, ii. 618
- Fecal fistula, with spur, closure of, ii. 618
 Feces, impacted, chronic intestinal obstruction from, ii. 610
 incontinence of, iii. 60
 paraffin prosthesis for, iii. 691
 Feeding after abdominal operations, ii. 534
 after intestinal operations, ii. 778
 after stomach operations, ii. 778
 enteric, ii. 701
 Fee's method for siphon drainage of bladder, iii. 223
 Feet, artificial, simple, iii. 613
 cold, iii. 495
 inward rotation of, iii. 495
 swollen, iii. 495
 Felon, iii. 441
 abortion of, iii. 442
 Bier's hyperemia in, iii. 442
 superficial, iii. 443
 Female bladder, iii. 324
 corpus cavernosum urethræ, iii. 324
 generative organs, iii. 322
 anatomy, iii. 322
 operations on, local anesthesia in, i. 152
 sterility in, iii. 437
 ureters, iii. 326
 urethra, iii. 324
 urinary-meatus, external, iii. 324
 internal, iii. 324
 Femoral abscess in Pott's disease, ii. 337
 aneurism, i. 398
 artery, anatomy, i. 434
 compression of, for hemorrhage, i. 367
 embolism of, i. 455
 ligation of, i. 431
 for varicose veins, i. 453
 indications, i. 436
 hernia, operations on, local anesthesia in, i. 150
 radical cure, operations for, iii. 38
 Femur, amputation through, iii. 526
 excision of head, in old unreduced hip dislocations, i. 647
 fractures of, i. 583
 head, i. 583
 in new born, i. 530; iii. 696
 lesser trochanter of, i. 583
 lower end, i. 593
 intra-articular, i. 653
 part of shaft, i. 594
 neck, i. 583. See also *Fractures of neck of femur*.
 shaft, i. 588. See also *Fractures of shaft of femur*.
 side splint for, i. 492
 supracervical, of great trochanter, i. 583
 traction in, i. 490
 internal condyle, oblique division of, i. 715
 osteotomy of, i. 713
 in knee tuberculosis, i. 677
 lower end, i. 714
 neck, i. 713
 in old unreduced hip dislocations, i. 647

- Femur, osteotomy of, supracondyloid, from
 inner side, i. 715
 from outer side, i. 715
 upper end, i. 713
 resection of, i. 732
 restoring head of, by bone graft of astragalus, i. 785
 shaft of, amputation of thigh through, iii. 598
- Fenestra in plaster-of-Paris splints, i. 481
- Fenger's operation in harelip, ii. 267
- Fergus' operation for ptosis of eyelids, ii. 142
- Ferguson's bandage for harelip, ii. 269
- Fermentation, intestinal, prevention of, i. 20
- Fetterolf's file for deviations of septum, ii. 189
- Fetus, dead, in ectopic pregnancy, iii. 437
 growing in abdomen in ectopic pregnancy, iii. 436
- Fever from wounds, i. 213
 surgical, i. 255
 aseptic, i. 259
 urethral, iii. 275
- Fibro-adenoma of breast, ii. 475
- Fibroid tumors of uterus, panhysterectomy for, iii. 420
 partial hysterectomy for, iii. 418
 radium in, iii. 712
- Fibrolysin in elephantiasis, i. 464
- Fibroma, i. 324
 molluscum of abdominal wall, ii. 538
 of bones, i. 470
 medullary, i. 709
 of brain, ii. 75
 of jaws, ii. 286
 of nasopharynx, ii. 208
 of peritoneum, ii. 593
 of prostate, iii. 246
 of rectum, iii. 74
 of scalp, ii. 24
 of vulva, iii. 328
 periosteal, i. 709
- Fibromyoma of uterus, iii. 372
- Fibroneuroma of scalp, ii. 24
- Fibrosarcoma, ii. 280
 of abdominal wall, ii. 538
- Fibrositis, chronic, i. 865
- Fibrous contracture of urethral orifice, iii. 246
 union in fractures, i. 528
- Fibula, dislocations of, i. 649
 excision of, i. 734
 fractures of, i. 603
 after-treatment, i. 608
 lower end, i. 606
 old, with vicious union, i. 608
 shaft, i. 603, 606
 upper end, i. 603
 resection of, i. 734
- Fifth nerve, anatomy, ii. 105
 division of, at entrance to bone, in neuralgia, i. 873
 of second and third divisions of, in neuralgia, i. 876
 division, at foramen rotundum, in neuralgia, i. 872
- Fifth nerve, division of third division of, at base of skull, in neuralgia, i. 874
 by temporary resection of zygoma, in neuralgia, i. 875
 in neuralgia, i. 873
 injuries and diseases of, i. 881; ii. 63
 intracranial operations on, ii. 105
 for neuralgia, ii. 115
 neuralgia of, i. 877
 paralysis of, neuropathic, i. 881. See also *Facial paralysis*.
- Figure-of-eight bandage, iii. 741
 of chest, anterior, iii. 766
 cravat, iii. 787
 posterior, iii. 766
 sutures, i. 198
 double, i. 198
 for closing abdominal wound, ii. 519
 for closing abdominal wound, ii. 519
- Filaria sanguinis hominis, elephantiasis of scrotum from, iii. 302
 lymphatic obstruction from, i. 462
- Filiform stricture of bulbomembranous urethra, iii. 291
 of urethra, iii. 289
 treatment, iii. 294
- Filling materials, i. 74
- Finger, amputation of metacarpal bone with, iii. 551
 bandage of, complete, iii. 762
 cots, rubber, i. 53
 dislocations of, i. 639
 of proximal phalanges of, i. 639
 drop-, iii. 455
 first, disarticulation of second metacarpal bone with, iii. 552
 gangrene of, prevention of, iii. 458
 hammer-, iii. 455
 little, amputation of fifth metacarpal bone with, iii. 551
 disarticulation of, at metacarpophalangeal joint, iii. 550
 with fifth metacarpal bone, iii. 552
 transplantation of, in rhinoplasty, iii. 674
 lock-, iii. 456
 mallet-, iii. 455
 reconstruction of, plastic, iii. 458
 schnellener, iii. 456
 trigger-, iii. 456
- Finger-nail, hemorrhage under, iii. 457
- Finger-tip, cellulitis of, iii. 443
 primary chancre of, iii. 444
 subcutaneous abscess of, iii. 444
 tuberculous of, iii. 444
- Fingers, amputated, replacement of, iii. 649
 restoration of, iii. 458
 amputation of, iii. 542
 anesthesia for, iii. 544
 through first phalanx, iii. 545
 through last phalanx, iii. 545
 with four inner metacarpal bones, iii. 551
 with fourth and fifth metacarpal bones, iii. 551
 with three inner metacarpal bones, iii. 551

- Fingers and hand, glove bandage of, iii. 761
 ankylosis of, disturbances of motion due to, iii. 453
 bandage of, complete, iii. 762
 spiral, iii. 760
 contractures of disturbances of motion due to, iii. 453
 deep infections of, iii. 444
 disarticulation of, iii. 544
 at first interphalangeal joint, iii. 546
 at metacarpophalangeal joint, iii. 546
 with metacarpal bones, iii. 552
 with second and third metacarpal bones, iii. 552
 third and fourth metacarpal bones, iii. 553
 with third, fourth and fifth metacarpal bones, iii. 553
 or fourth metacarpal bones, iii. 552
 diseases of, iii. 453
 extension of, apparatus for maintaining, iii. 455
 metacarpal bones of, disarticulation of, iii. 553
 neuropathic contractions of, iii. 453
 supernumerary, iii. 457
 webbed, iii. 456
- Finney's method of pyloroplasty with gastroduodenostomy, ii. 741
- Finochietto's method of introducing button for lateral intestinal anastomosis, ii. 673
- Finsen rays in lupus, iii. 707
- First aid to injured, iii. 722
- Fischer's solution in mercuric chlorid poisoning, iii. 806
- Fish-hooks, removal of, from tissues, iii. 809
- Fissure, anal, iii. 64
 chronic intestinal obstruction from, ii. 610
 of esophagus, ii. 433, 439
 of lips, ii. 246
 of nipple, ii. 473
 of Sylvius, ii. 45
 of vulva, iii. 329
 Rolandic, ii. 46
 lower end, ii. 46
- Fistula, i. 304
 after operation in appendicitis, iii. 102
 biliary, iii. 117
 bile feeding for, iii. 117
 saline injections through, iii. 117
 chalk paste in, i. 308
 duodenal, ii. 582
 Eck's, i. 458
 in ascites, ii. 561
 fecal, closure of, ii. 618
 temporary, ii. 619
 permanent, ii. 687
 temporary, ii. 686
 with obstruction, closure of, ii. 618
 with spur, closure of, ii. 618
 in ano, iii. 62
 bismuth paste injection in, iii. 64
 dissecting out tract, iii. 63
 elastic ligature in, iii. 64
 operation in, iii. 63
 without incision, iii. 64
- Fistula, intestinal, closure of, ii. 616
 permanent, in lower small intestine, ii. 685
 temporary, ii. 683
 milk, ii. 474
 occlusion treatment, i. 304
 of breast, chronic, ii. 474
 of lacrimal gland, ii. 136
 of neck, branchial, ii. 372
 of umbilicus, ii. 537
 of urachus, ii. 538
 of urethra, iii. 274
 acquired, iii. 274
 stricture with, iii. 299
 parotid salivary, ii. 377
 rectovaginal, iii. 67, 355
 rectovesical, iii. 66
 renal, iii. 154
 tuberculous, i. 282
 ureteral, iii. 157
 ureterovaginal, iii. 353
 following hysterectomy, iii. 353
 ureterovesicovaginal fistula, iii. 353
 urethrorectal, iii. 274
 urethrovaginal, iii. 349
 vesical, iii. 209
 vesico-intestinal, iii. 209
 vesico-uterine, iii. 352
 vesicovaginal, iii. 346. See also *Vesicovaginal fistula*.
- Fixation, direct, of fragments in fractures, i. 502
 for club-foot, iii. 469
 in torticollis, ii. 373
- Flannel bandages, i. 55
- Flap amputation, iii. 507
 incising skin and fascia in, iii. 504
 suturing skin in, iii. 513
 treatment of muscle in, iii. 513
 with single flap, iii. 519
 and circular amputation, combined, iii. 515
- Flaps, amputation, cutting by transfixion, iii. 507
 musculoperiosteal, iii. 508
 of skin, equal, iii. 519
 periosteal, iii. 510
 size of, iii. 502
 technic of making, iii. 503
 turning back, iii. 505
 without, iii. 522, 523
- equal skin and muscle, amputation by, iii. 517
 imperfect, amputation by, iii. 522
 in plastic operations, iii. 622
 preserving circulation in, iii. 623
 pedunculated, plastic operations with, iii. 635
 sliding, plastic operations with, iii. 630
 unequal, amputation by, iii. 520
 rectangular, amputation by, iii. 520
- Flap-splitting operation in vesicovaginal fistula, iii. 347
- Flat sponges, i. 44
- Flat-foot, iii. 484
 arthrodesis in, i. 739
 of astragaloscaphoid joint in, iii. 488

Flat-foot, attitude of feet in, iii. 486
 deformity in, correction of, iii. 485
 division of tendo Achillis for, iii. 487
 exercises in, iii. 486
 massage in, iii. 486
 operation for, iii. 487
 osteotomy for, iii. 487
 out-toeing in, iii. 485
 plate for, iii. 486
 preventive treatment, iii. 485
 rigid, iii. 488
 spastic, operation in, iii. 489
 Flavin as antiseptic, i. 65
 for infected wounds, iii. 809
 Flax dressings, i. 41
 Fleas, bites of, i. 275
 Flexner's treatment of epidemic cerebro-spinal meningitis, ii. 67
 Flexor hallucis longus tendons, tenotomy of, i. 815
 Flies, bites of, i. 175
 Fliess' genital spots, iii. 394
 Floating kidney, iii. 154
 nephropexy for, iii. 155
 Flocculent skin-grafts, iii. 643
 Florida moss dressings, i. 42
 Fluidity of vitreous, ii. 134
 Focal epilepsy, ii. 101
 Follicular conjunctivitis, ii. 123
 tonsillitis, ii. 212
 vulvitis, iii. 327
 Fomentations, hot, in abscess, i. 251
 Foot, iii. 468
 amputations of, iii. 575
 rules for, iii. 575
 and ankle, bandage of, spica, iii. 774
 covering heel, iii. 775
 exposing heel, iii. 775
 bandage of, triangular, iii. 792
 callosities of, iii. 493
 claw-, iii. 482
 club-, iii. 469. See also *Club-foot*.
 depression of transverse arch, iii. 490
 disarticulation of, anterior to astragalus and os calcis, iii. 580
 at ankle-joint, with preservation of posterior part of os calcis, iii. 585
 with removal of malleoli, iii. 584
 heel-flap method, iii. 583
 mediotarsal, iii. 580
 subastragaloid, iii. 582
 fat-, iii. 484, 485
 hollow, iii. 480
 infections of, iii. 468
 metatarsal arch of, weakness of, iii. 490
 painful, iii. 490
 static, iii. 490
 trench-, i. 319
 ulcer of, perforating, iii. 494
 weak-, iii. 484
 Foramen of Winslow, hernia through, iii. 51
 Forceps, dissecting, i. 75
 esophageal, ii. 440
 hemostatic, i. 77
 mouse-tooth, i. 75
 tongue, for general anesthesia, i. 95

Forearm, amputation of, iii. 555
 in lower third by circular method, iii. 556
 in upper two-thirds, iii. 557
 bandage of, cravat sling, iii. 787
 triangular sling, iii. 790
 cineplastic amputation through, iii. 527
 dislocations of, i. 635. See also *Dislocations of forearm*.
 double transplanted flap of, plastic operation for defect of cheek with, iii. 665
 fractures of, bone-grafts in, i. 512
 in newborn, i. 531
 sterilization of, i. 173
 wounds of, iii. 452
 Forehead-chin bandage, iii. 743
 Forehead-mouth bandage, iii. 744
 Forehead-neck bandage, iii. 744
 Foreign bodies, barbed, removal of, iii. 809
 in accessory sinuses, ii. 188
 in appendix, iii. 104
 in bladder, iii. 203
 in brain, ii. 63
 in breast, ii. 472
 in bronchi, ii. 224
 pneumotomy for, ii. 456
 in choroid, ii. 130
 in conjunctiva, ii. 127
 in cornea, ii. 127
 in crystalline lens, ii. 133
 in esophagus, ii. 440
 operations for removal, ii. 244, 441
 in external auditory canal, ii. 305
 in heart, ii. 429
 in larynx, ii. 224
 removal, ii. 244
 in maxillary antrum, ii. 197
 in nose, ii. 188
 in peritoneal sac, ii. 544
 in pharynx, ii. 216
 in rectum, iii. 66
 in sclera, ii. 129
 in stomach, ii. 714
 removal, ii. 244
 in tongue, ii. 287
 in tonsils, ii. 216
 in trachea, ii. 224
 removal, ii. 244
 in urethra, iii. 273
 urinary retention from, iii. 211
 in vagina, iii. 357
 in vitreous, ii. 134
 in wounds, x-ray for removal, i. 223
 intestinal obstruction from, ii. 608
 iron, in interior of eyeball, removal of, 160
 wounds with, i. 222
 Formaldehyd as antiseptic, i. 68
 polymerized as antiseptic, i. 68
 Formaldehyd-phenol in camphor-paraffin, for infected wounds, iii. 805
 Formalin, i. 68
 method for sterilizing catgut, i. 36
 Formalin-glycerin injections in joint tuberculosis, i. 281, 664
 wounds, i. 655
 solution for joint infections, iii. 805

- Formalin-iodin method for sterilizing cat-gut, i. 36
- Formic aldehyd as antiseptic, i. 68
- Fornix, vaginal, iii. 325
- Four-armed bandage of chin, iii. 783
of head, iii. 785
- Fourchette, iii. 323
- Fourth-of-July tetanus, i. 270
- Fowler's method of decortication of lung,
ii. 410
position for drainage, ii. 528
- Fractional sterilization, i. 28
- Fractured cartilages, i. 653
- Fractures, i. 474
Albee's bone grafts in, i. 507
ambulant treatment, i. 522
apparatus for moving bones in, i. 497
for traction, i. 485
bone cylinders in, i. 507
ferrules in, i. 507
grafting in, i. 509. See also *Bone grafts*.
Buck's extension in, i. 488
callus, i. 472
Codivilla's method of traction in, i. 486
Colles' compound, i. 579
dislocation with, i. 579
dressing, i. 576
imperfect reduction in, i. 579
irreducible displacement in, i. 578
method of reduction, i. 576
silver-fork deformity in, i. 575
sprain with, i. 579
vicious union in, i. 57
with anterior displacement of lower
fragment, i. 579
without displacement, i. 578
complicating dislocations, i. 611
complications of, i. 524
compound, i. 518. See also *Compound fractures*.
condition of skin, i. 476
continuous divulsion in, i. 496
extension in, i. 488
traction in, i. 487
crutch paralysis in, i. 527
deformity from, correction, i. 474
delayed union in, i. 527
delirium tremens with, i. 526
direct fixation of fragments in, i. 502
dislocations complicating, i. 521
displaced bones in, i. 524
edema in, i. 524
elastic extension in, i. 495
elevation of temperature after, i. 520
excessive callus in, i. 525
fascia-grafts as wrapping for, iii. 645
faulty union in, i. 527
fibrous union in, i. 528
gangrene in, i. 525
hypostatic congestion of lungs in, i. 525
immediate reduction, i. 475
treatment, i. 472
immobilization of fragments, i. 476
impaction in, i. 524
in newborn, i. 529; iii. 695
in old persons, i. 526
- Fractures, intra-uterine, i. 529
involving joints, i. 518
joint stiffness in, i. 525
lacerated muscles in, i. 524
length of time for healing, i. 523
lymphedema in, i. 524
massage in, i. 500
metallic bands in, i. 506
plates in, i. 507
muscular atrophy in, i. 525
spasm after, i. 525
nail extension in, i. 495
nailing fragments in, i. 506
necrosis of bones in, i. 525
nerve injury in, i. 524
non-union in, i. 529
obstacles to reduction, i. 475
of acromion process, i. 556
of alveolar process of jaw, i. 543
of anatomical neck of humerus, i. 557
with shoulder dislocation, i. 631
of astragalus, i. 608
of body of scapula, i. 556
of carpus, i. 579
of clavicle, i. 550
bandage and adhesive plaster treat-
ment, i. 551
bone graft in, i. 511
dressings for, i. 554
in newborn, i. 530
operative treatment, i. 555
recumbent treatment, i. 550
rest treatment, i. 550
Sayre's dressing for, modified, i. 552
of condyles, bone grafts in, i. 515
of coracoid process, i. 556
of coronoid process of ulna, i. 573
of elbow, i. 565
of external condyle of humerus, i. 568
epicondyle of humerus, i. 568
of femur, i. 583
head of, i. 583
in newborn, i. 530; iii. 696
lesser trochanter of, i. 583
lower end of, i. 593, 594, 653
neck of, i. 583
shaft of, i. 588
side splint for, i. 492
supracervical, of great trochanter, i. 583
supracondyloid, i. 594
traction in, i. 490
of fibula, i. 603
after-treatment, i. 608
compound, i. 606
lower end of, i. 606
old, with vicious union, i. 608
shaft of, i. 603, 606
upper end of, i. 603
of forearm, bone grafts in, i. 512
in newborn, i. 531
of head of femur, i. 583
of humerus, i. 556
of radius, i. 572
of scapula, i. 556
of humerus, i. 556
anatomical neck of, i. 557
with shoulder dislocation, i. 631

Fractures of humerus, bone graft in, i. 511
 epicondyle of, i. 568
 external condyle of, i. 568
 head of, i. 556
 in newborn, i. 529
 internal condyle, i. 568
 epicondyle, i. 568
 lower end, i. 565-571
 separation of lower epiphysis, i. 571
 shaft of, i. 560
 supracondyloid, i. 567
 low, i. 571
 surgical neck of, i. 558
 tuberosities of, i. 557
 upper end of, i. 556
 of hyoid bone, i. 548
 of internal condyle of humerus, i. 568
 epicondyle of humerus, i. 568
 of jaw, i. 542
 interdental moulded splint in, i. 542
 lower, i. 543
 interdental splint in, i. 544
 Matas' splint in, i. 545
 plaster-of-Paris bandage in, i. 544
 wiring in, i. 545
 upper, i. 542
 of larynx, ii. 219
 of leg in newborn, i. 531
 of lesser trochanter of femur, i. 583
 of lower end of femur, i. 593, 653
 gangrene of leg in, i. 595
 injury of popliteal blood-vessels
 in, i. 595
 separation of lower epiphysis in,
 i. 594
 of fibula, i. 606
 extremity of humerus, i. 565
 ankylosis after, i. 571
 articular process, i. 571
 comminuted, i. 570
 deformity after, i. 571
 degree of bony displacement, i.
 566
 of shaft of femur, i. 594
 extremities, iii. 462
 jaw, bone grafts in, i. 518
 of malar bone, i. 540
 of malleolus, bone grafts in, i. 516
 of metacarpus, i. 579
 of metatarsus, i. 608
 of nasal bones, i. 539
 hematoma in, i. 539
 lateral displacement in, i. 539
 rubber tube splint in, i. 539
 septum, i. 540
 of neck of femur, i. 583
 abduction method in, i. 585
 bone grafts in, i. 512
 combined longitudinal and trans-
 verse traction in, i. 583
 impaction in, i. 585
 in children, i. 587
 in hip dislocations, i. 646
 in old persons, i. 586
 operative treatment, i. 587
 time required for union, i. 586
 without impaction, i. 583

Fractures of neck of radius, i. 572
 of scapula, i. 556
 of olecranon, bone grafts in, i. 511, 572
 fibrous union in, i. 573
 of os calcis, bone grafts in, i. 517
 of patella, i. 596
 ambulant treatment, i. 597
 bone grafts in, i. 516
 comminuted, i. 602
 compound, i. 603
 multiple, i. 602
 nonoperative treatment, i. 596
 operations on, local anesthesia for, i.
 147
 operative treatment, i. 598, 602
 massage in, i. 601
 of old cases, i. 602
 passive motion, i. 601
 suturing in, i. 599
 technic, i. 599
 with slight separation, i. 602
 of pelvis, i. 582
 of penis, iii. 250
 of phalanges, i. 580
 of radius, i. 572
 head of, i. 572
 neck of, i. 572
 shaft of, i. 573
 of ribs, i. 549
 of scapula, i. 556
 body of, i. 556
 head of, i. 556
 neck of, i. 556
 spine of, i. 556
 upper angle of, i. 556
 with shoulder dislocation, i. 632
 of sesamoid bone of thumb, i. 582
 of shaft of femur, i. 588
 amount of weight to use, i. 588
 compound, i. 592
 consolidation in, time of, i. 589
 double lateral splint in, i. 592
 hip splints in, i. 591
 in hip dislocations, i. 646
 in upper part, i. 590
 operative treatment, i. 591
 permanent dressing, i. 588
 plaster-of-Paris case in, i. 591
 suspension splint in, i. 591
 temporary splint, i. 588
 transverse, i. 590
 variations in, i. 589
 vertical extension in, i. 592
 of fibula, i. 603, 606
 of humerus, i. 560
 compound, i. 565
 Penhallow's splint in, i. 561
 scaffold splint in, i. 564
 with much displacement, i. 563
 with shoulder dislocation, i. 631
 with slight displacement, i. 562
 of radius, i. 573
 of tibia, i. 603
 of ulna, i. 573, 574
 of skull, i. 532
 basal, i. 534
 concussion in, i. 537

- Fractures of skull, basal, immobilization in, i. 535
- lumbar puncture in, i. 536
 - operative treatment, i. 536
 - trephining in, i. 536
 - with compression symptoms, i. 537
 - with meningeal infection, i. 537
- compound, i. 534
- depressed, i. 534
 - with symptoms of brain compression, i. 534
 - without depression or symptoms of brain injury, i. 534
- gutter, i. 532
- punctured, through orbit, i. 537
 - simple depressed, i. 532
 - vault and base, i. 537
 - vault, simple linear, with symptoms of brain compression, i. 532
- of spine of scapula, i. 556
- of tibia, i. 654
- of sternum, i. 548
- of styloid process of ulna, i. 579
- of surgical neck of humerus, i. 558
- of tarsus, i. 608
 - of thumb, i. 582
- of tibia, i. 603
- after-treatment, i. 608
 - compound, i. 606
 - old, with vicious union, i. 608
 - shaft of, i. 603
 - spine of, i. 654
 - upper end of, i. 603
- of trachea, ii. 219
- in newborn, iii. 696
- of tuberosities of humerus, i. 557
- of ulna, i. 572
 - shaft of, i. 573, 574
 - styloid process of, i. 579
- of upper angle of scapula, i. 556
- end of fibula, i. 603
 - of humerus, i. 556
 - of tibia, i. 603
- of vertebræ, i. 537
- immobilization in, i. 538
 - with compression, i. 538
- of zygoma, i. 540
- operative treatment, i. 502
 - pain in, i. 525
 - paralysis in, i. 525
 - pegging fragments in, i. 506
 - pillow extension in, i. 493
 - pneumatic extension in, i. 494
 - Pott's, i. 606
 - reduction of, artificial leverage in, i. 476
 - screws in, i. 507
 - separation of epiphyses in, i. 524
 - splints for, i. 477
 - subcervical, of great trochanter of femur, i. 583
 - supracervical, of great trochanter of femur, i. 583
 - surgical emphysema in, i. 525
 - suturing bones in, i. 503
 - swelling in, i. 525
 - temporary traction in, i. 485
 - traction in, measurement of legs in, i. 493
- Fractures, transverse traction in, i. 498
- traumatic delirium in, i. 527
 - ulceration in, i. 525
 - weight and pulley traction in, i. 487
 - wire traction from skin in, i. 493
 - wiring bones in, i. 503
 - Zuppinger's lever traction frame, i. 494
- Fragilitas ossium, i. 471
- Frambesia tropica, i. 303
- salvarsan in, i. 303
- Frame truss for hernia, iii. 17
- Franck's method of gastrostomy through external cone, modified, ii. 734
- Franke's method of avulsion of intercostal nerves, ii. 347
- of drainage in ascites, ii. 560
- Frazier's attachment for holding patient in craniotomy, ii. 37
- method of frontal approach to pituitary body, ii. 87
- Freckles, i. 840
- French's chair for adenoid operations, ii. 209
- Frenum of prepuce, iii. 248
- rupture of, iii. 250
 - short, iii. 254
- Fresh air as factor, i. 21
- in hemorrhage, i. 344
 - in tuberculosis, i. 278
- Friedman's safety-pin hemostat in scalp operations, ii. 20, 21
- Froehlich's method of tattooing cornea, ii. 153
- Frontal eminence, ii. 46
- sinuses, ii. 179
 - catarrhal inflammation of, acute, ii. 199
 - chronic, ii. 199
 - empyema of, ii. 199
 - free opening of, ii. 199
 - obliteration of, ii. 202-205
 - wide opening of, ii. 200
- Fronto-occipital bandage, iii. 746
- triangle, iii. 784
- Frost-bite, i. 826
- antitetanic serum in, i. 265
 - gangrene from, i. 318
 - of auricle, ii. 304
- Fulda's method of forming motile amputation stump, iii. 534
- Fulguration, iii. 699
- for cancer of uterus, iii. 424, 703
 - for chancroid, iii. 252
 - for herpetic ulcers, iii. 703
 - for papilloma of urinary bladder, iii. 700
 - for polyps of bladder and urethra, iii. 703
 - for venereal warts, iii. 703
 - in inoperable cancer, i. 332
 - technic, iii. 700
- Fulminating appendicitis, iii. 101
- infective gangrene, i. 317
- Functional scoliosis, ii. 353
- Fundus of stomach, ii. 698
- Fungous ulcers, i. 314
- Fungus cerebri, ii. 65
- disease of India, i. 273
 - of testicles, iii. 306

- Furrows of tongue, ii. 289
 Furuncles, i. 253, 827
 of auricle, ii. 304
 vaccines in, i. 253, 829
 Furunculosis, i. 827
 vaccines in, i. 829
 Fusil ethers, i. 104
- Gad-flies, bites of, i. 276
 Gaenslen's method of osteoplastic laminectomy, ii. 344
 Gag, mouth-, ii. 245
 Galactocele, ii. 477
 Gallant's corset for movable kidney, iii. 155
 Gall-bladder, iii. 105
 anastomosing with intestine, iii. 125
 anatomy, iii. 150
 cancer of, iii. 118
 exposure of, incision for, ii. 513
 incision of, iii. 122
 infection, appendicitis complicating, iii. 117
 opening for drainage of, iii. 122
 operations on, local anesthesia in, i. 150
 perforation of, iii. 114, 116
 purse-string suture of, i. 202
 removal of, iii. 127
 indications for, iii. 115
 subcostal operations for exposure of, iii. 119
 typhoid infection of, iii. 115
 wounds of, iii. 114
 Gall-stones, ii. 780; iii. 111
 impacted at exit of bladder, iii. 116
 in common duct, iii. 116
 in cystic duct, iii. 116
 in hepatic ducts, iii. 116
 infection from, iii. 116
 intestinal obstruction from, ii. 608
 intrahepatic, iii. 113
 obstruction from, iii. 116
 Galvanism in hyperthyroidism, ii. 390
 in neuralgia, i. 864
 Galvano-caustic prostaticotomy for hypertrophy of prostate, iii. 232
 Gamma rays of radium, iii. 709
 Ganglia, cervical sympathetic, injuries to, i. 898. See also *Cervical sympathetic ganglia*.
 sympathetic, of neck, removal, in epilepsy, ii. 101
 Ganglion tumor, i. 818
 Gangrene, i. 304, 315
 and sloughing of scrotum, iii. 302
 arterial occlusive, i. 317
 diabetic, i. 318
 dry, i. 316
 embolic, i. 320
 from ergot poisoning, i. 318
 from frost-bite, i. 318
 from obliterating angitis, i. 316
 from poisons, i. 320
 fulminating infective, i. 317
 gas, iii. 813
 hospital, i. 318
 hot-air treatment, i. 315
- Gangrene in fractures, i. 525
 inflammatory, i. 317
 malignant, i. 270
 moist, i. 317
 non-senile, i. 320
 of fingers, prevention of, iii. 458
 of intestines, ii. 609
 eventration for, ii. 609
 of leg in fractures of lower end of femur, i. 595
 of lung, ii. 415
 of muscle, i. 791
 of penis, iii. 252
 phagedenic, i. 319
 phenol, i. 320
 postfebrile, i. 320
 presenile, i. 320
 Raynaud's, i. 318
 rules for amputation in, i. 316
 senile, i. 317
 sloughing, i. 319
 suction treatment, i. 315
 traumatic, i. 317
 trophic, i. 320
 Gangrenous appendicitis, iii. 100
 balanitis, iii. 251
 cellulitis, i. 318
 cystitis, iii. 193
 esophagitis, ii. 433
 stomatitis, i. 319; ii. 247
 Gaping wounds, i. 212
 Gas bacillus infection, i. 270
 Menciere's solution in, i. 271
 Morestin's mixture in, i. 271
 wounds infected with, i. 222
 coal, asphyxia from, iii. 720
 eliminants, i. 226
 embolism from artificial pneumothorax, ii. 417
 gangrene, iii. 813
 illuminating, asphyxia from, iii. 720
 irritating, poisoning from, iii. 721
 poisoning, iii. 716, 720
 Gas-ether sequence, i. 118
 Gaseous cysts of intestinal wall, ii. 582
 Gasserian ganglion, alcohol injection of, in trifacial neuralgia, i. 869
 exposure of, craniotomy for, ii. 106
 Gastroctomy in cancer of stomach, ii. 704
 partial, ii. 751, 759
 gastrojejunostomy after, ii. 755
 shock in, ii. 776
 total, ii. 761
 Gastric. See *Stomach*.
 Gastritis due to caustics, ii. 702
 phlegmonous, ii. 702
 Gastrocolic ligament, elongation of, with sagging of transverse colon, in gastrop-tosis, ii. 713
 route of approach to pancreas, ii. 779
 Gastroduodenostomy, ii. 747
 pyloroplasty with, ii. 741
 Gastro-enterostomy, ii. 762
 feeding after, ii. 778
 in gastric cancer, ii. 704
 in gastrop-tosis, ii. 713
 in ulcer of stomach, ii. 722

- Gastro-enterostomy, local anesthesia in, i. 150
 posterior, in pyloric stenosis, ii. 719
 shock in, ii. 776
- Gastro-esophagoplasty, Jianu's method, ii. 465
- Gastrohepatic route of approach to pancreas, ii. 779
- Gastro-intestinal tract and bile-tract, perforation between, iii. 116
 reconstruction of wall, by tissue transplantation, ii. 773
- Gastrojejunal ulcer, ii. 580
- Gastrojejunostomy after resection of pyloric end of stomach, ii. 755
 anterior, ii. 769
 in cancer of stomach, ii. 705
 in duodenal ulcer, ii. 578
 posterior, ii. 762
- Gastropexy in gastroptosis, ii. 711
- Gastroplasty by transverse incision in hour-glass stomach, ii. 709
 shock in, ii. 776
- Gastroplication in dilatation of stomach, ii. 714
- Gastroptosis, ii. 710
 elongation of gastrocolic ligament with sagging of transverse colon in, ii. 713
 gastro-enterostomy in, ii. 713
 gastropexy in, ii. 711
 hepatopexy in, ii. 712
 pressure pad in, ii. 711
- Gastroscopy, ii. 244
- Gastrostomy, ii. 730
 by canalization of stomach wall, ii. 736
 in cancer of stomach, ii. 705
 in stricture of esophagus, ii. 436
 purse-string suture in, i. 230
 through external cone, ii. 734
 through internal cone, ii. 731
 with external flap, ii. 731
- Gastrotomy, ii. 730
 in corrosive esophagitis, ii. 432
- Gauss' artery press in hemorrhage, i. 366
- Gauze, 39
 Balsam-of-Peru, i. 40
 bandages, i. 55
 bichloride, i. 40
 bismuth, i. 40
 boric acid, i. 67-41
 borosalicylic, i. 41
 chloretone, i. 41
 chlorinated, i. 40
 drainage in abdominal operations, ii. 525
 drains, i. 47
 iodoform, i. 40
 sticky, i. 40
 kephalin, i. 41
 medicated, i. 39
 paraffined, i. 41
 phenol, i. 40
 sponges, i. 43
 sterilization of, i. 39
 zinc oxid, i. 41
- Gelatin in hemorrhage, i. 343
- Gellhorn's acetone treatment for cancer of uterus, iii. 424
- Generative organs, absence, amenorrhea from, iii. 397
 female, iii. 322
 anatomy, iii. 322
 male, iii. 248
 anatomy, iii. 248
- Genital spots, Fliess', iii. 394
 tuberculosis, iii. 144
 in women, iii. 439
- Genitals, preparation of, for operation, i. 180
- Genito-urinary fistulas, bismuth paste injections in, i. 308
 organs, iii. 138
 operations, local anesthesia for, i. 157
- Genu recurvatum, iii. 466
 valgum, iii. 467
 osteotomy for, i. 714
 varum, iii. 466
 deformity in, bone grafts for, i. 787
- Giant-cell sarcoma of long bones, i. 707, 709
- Giantism, i. 322
- Gibson's operation for resection of eyelids, ii. 147
 wooden clamp for lateral intestinal anastomosis, ii. 665
- Gigli's wire bone saw, i. 29
- Gingivitis, ii. 277
- Girls, prolapse of uterus in, iii. 376
- Glabella, ii. 45
- Glanders, i. 273
 of nasopharynx, ii. 208
- Glands, Bartholin's, iii. 324
 carotid, ii. 395
 internal jugular, ii. 363
 lacrimal, ii. 136
 occipital, ii. 363
 of skin, diseases of, i. 844
 parathyroid, anatomy, ii. 380
 parotid, ii. 363
 retro-auricular, ii. 363
 retropharyngeal, ii. 363
 salivary, ii. 377
 submaxillary, ii. 363
 submental, ii. 363
 subparotid, ii. 363
 substernomastoid, ii. 363
 supraclavicular, ii. 363
 thymus, ii. 394
 thyroid, ii. 380
 accessory, ii. 380
- Glans penis, iii. 248
- Glass drainage tubes, i. 46
- Glaucoma, ii. 131
 intravenous injections of glucose in, ii. 132
 iridectomy in, ii. 131
 malignant, ii. 132
 mydriasis in, ii. 118
 operations for, ii. 161
 osmosis treatment, ii. 131
 removal of upper cervical sympathetic ganglion in, i. 898
- Glioma of brain, ii. 75
 of retina, ii. 135

- Gliosarcoma of brain, ii. 75
 Globe. See *Eyeball*.
 Glossitis, acute parenchymatous, ii. 288
 exfoliative, ii. 289
 superficial, acute, ii. 288
 chronic, ii. 288
 Glottis, edema of, ii. 221
 spasm of, ii. 221
 Glove bandage of fingers and hand, iii. 761
 Gloves, rubber, i. 52
 care of, i. 174
 method of adjusting, i. 174
 sterilization of, i. 52. See also *Sterilization*.
 Glück's artificial larynx, ii. 236
 methods of laryngectomy, ii. 233, 234
 Glucose injections, i. 20, 21
 intravenous injections of, in glaucoma, ii. 132
 solution in proctoclysis, iii. 58
 Glue dressings, i. 56
 Gluteal artery, ligation of, i. 430
 Glycerin, i. 58
 enema, ii. 620
 method for sterilization of rubber gloves, i. 52
 phenolized, as antiseptic, i. 66
 treatment of infected wounds, i. 241
 Glycerin-formalin injections in tuberculosis of joints i. 281, 664
 in wounds of joints, i. 655
 Gnats, bites of, i. 275
 Goffe's operation for prolapse of uterus, iii. 379
 Goiter, ii. 381
 contraindications to operation in, ii. 382
 exophthalmic, ii. 390
 radium in, iii. 713
 incision for, ii. 382
 indications for operation in, ii. 382
 inflammation of, ii. 380
 intrathoracic, ii. 446
 non-toxic, excision of, ii. 382
 control of hemorrhage in, ii. 388
 results, ii. 389
 operative treatment, ii. 382
 vascular, operation on, ii. 388
 Goldthwait's thumb splint, i. 582
 Gonorrhoea, iii. 279
 abortion of, iii. 279
 acute anterior, iii. 280
 chordee in, prevention, iii. 280
 methylene-blue in, iii. 280
 painful micturition of, iii. 280
 preventing complications in, iii. 280
 posterior, iii. 280
 antigonococcus serum in, iii. 283
 chronic anterior, iii. 281
 posterior, iii. 282
 in women, iii. 283
 ointment treatment, iii. 285
 injections in, iii. 280
 irrigations in, iii. 280
 of uterus, iii. 285
 prognosis, iii. 283
 prophylaxis, iii. 279
 stage of decline, iii. 280
 Gonorrhoea, two-glass test in, iii. 279
 when cured, iii. 283
 Gonorrhoeal arthritis, i. 660
 formalin-glycerin injections in, iii. 806
 conjunctivitis, ii. 123
 cystitis, acute, iii. 192
 endometritis, acute, iii. 369
 epididymitis, surgical treatment, iii. 305
 inflammation of Bartholin's glands, iii. 284
 iritis, ii. 129
 ophthalmia, iii. 285
 stomatitis, ii. 247
 tenosynovitis, i. 817
 urethritis, iii. 279. See also *Gonorrhoea*.
 vaginitis, iii. 284
 sterilized yeast in, iii. 284
 in children, iii. 285
 Gottstein's treatment in atrophic rhinitis, ii. 187
 Gould's infolding right-angle mattress suture of intestines, ii. 634
 method of end-to-side intestinal anastomosis, ii. 666
 Gouty iritis, ii. 129
 Gowns, nurses', i. 51
 Gracilis, tendons of, tenotomy of, i. 815
 Graduated tenotomy in heterophoria, ii. 176
 Grafting, bone. See *Bone grafts*.
 eyeball after enucleation, ii. 160
 fascia-, iii. 645
 fat-, iii. 648
 hairy skin, iii. 644
 mucous membrane, iii. 644, 647
 nerve, i. 857
 in facial paralysis, i. 882
 results, i. 859
 of teeth, ii. 279
 skin-, iii. 636. See also *Skin-grafting*.
 tendon, i. 805
 testicles, ii. 321
 tissues, iii. 645
 upon stump in amputation, iii. 502
 Grafts, bone, i. 509. See also *Bone grafts*.
 omental, in intestinal suture, ii. 629
 peritoneal, ii. 544
 Granular conjunctivitis, ii. 123
 eyelids, ii. 123
 vaginitis, iii. 356
 Granulating wounds, i. 220
 Grape sugar injections, i. 20
 Grattage operation in trachoma, ii. 151
 Graves' disease, ii. 389, 390
 Gravity ischemia with elastic constriction for control of hemorrhage, i. 369
 Greaseless face cream, i. 849
 Green's direct-illumination esophagoscope, ii. 243
 Gridiron incision, intramuscular, in abdominal section, ii. 510
 Griffin hand, iii. 455
 Groin, bandage of, spica, ascending, iii. 767
 descending, iii. 768
 thigh bandage with, iii. 768
 lymphadenitis of, iii. 459
 Group experts in surgical practice, iii. 798

- Guillotine, ii. 213
 removal of tonsils with, ii. 216
- Gum acacia in saline infusion, i. 348
 mixtures for dressings, i. 57
- Gummatous ulcerations, treatment, i. 302
- Gums, ii. 274
 angioma of, ii. 280
 epithelioma of, ii. 280
 inflammation of, ii. 277
 sarcoma of, ii. 280
 myeloid, ii. 280
 tumors of, ii. 280
- Gunshot wounds, i. 222
 of joints, i. 656
 of spleen, ii. 784
 of tongue, ii. 288
- Gutta-percha solutions, i. 53
- Gutter fractures of skull, i. 532
- Guyon's incision for amputation of leg, iii. 587
- Gwathmey's method of anesthesia by mouth, iii. 807
- HABIT, epileptic, ii. 99
- Habits as factor in surgical treatment, i. 18
- Habitual dislocations, i. 612
 of hip, i. 646
 bone-grafts in, i. 783
 of patella, bone-grafts in, i. 787
 of shoulder, i. 632
 torticollis, ii. 377
- Hackenbruch's fracture clamps, i. 497
- Hagner's anastomosis of vas deferens to epididymis of opposite side for sterility, iii. 312
- Hahn's method of pylorodiosis, ii. 737
- Hair, atrophy of, i. 847
 diseases of, i. 846
 human, for suturing arteries, i. 372
 superfluous, i. 846
- Halazone as antiseptic, i. 63
- Hallucinations from ether, i. 105
- Hallux rigidus, iii. 495
 valgus, iii. 491
- Halogen derivatives of phenol as antiseptic, i. 60
- Halsted's modification of Woelfler's operation for inguinal hernia, iii. 37
 right-angle mattress stitch in intestinal suture, ii. 633
- Hammer-finger, iii. 455
- Hammer-toe, iii. 491
 arthrodesis in, i. 739
- Hammock for lateral correction in scoliosis, ii. 354
 suspension, for applying jacket in Pott's disease, ii. 329
 suspensory bandage of scrotum, iii. 782
- Hamstring tendons, tenotomy of, i. 815
- Hancock's operation for glaucoma, ii. 161
- Hand, amputation of, iii. 550
 and fingers, glove bandage of, iii. 761
 ankylosis of, disturbances of motion due to, iii. 453
 atrophy of, iii. 450
 bandage of, iii. 761
 triangular, iii. 792
- Hand, carbuncle of, iii. 444
 claw-, iii. 455
 club-, iii. 452
 contractures of, iii. 450
 disturbances of motion due to, iii. 453
 deep infections of, iii. 444
 diseases of, iii. 453
 edema of, iii. 450
 griffin, iii. 455
 neuropathic contractions of, iii. 453
 results of infection of, iii. 450
 saw, Doyen's, for linear bone incisions, ii. 30
 sponges, i. 43
- Handkerchief bandage, iii. 783
- Hands, chapped, i. 849
 eczema of, i. 833
 excessive sweating of, treatment, i. 849
 extensors of, paralysis of, tendon transplantation in, i. 812
 muscles moving, i. 893
 sterilization of, i. 173. See also *Sterilization of hands*.
- Hard skin, i. 841
- Hard-rubber bridge in saddle-nose, ii. 194
- Harelip, ii. 266
 deformed nostril with, ii. 273
 double, operation for, ii. 271
 lateral, operation for, ii. 269
 operation for, ii. 267
 after-treatment, ii. 273
 dyspnea after, ii. 274
 failure of union in, ii. 274
 notched lip after, ii. 273
 split-flap, ii. 267
- Harrington's segmented ring for intestinal anastomosis, ii. 674
 solution as antiseptic, i. 59
- Harris' diet in ulcer of stomach, ii. 721
 operation for prolapse of uterus, iii. 379
- Harrison's drainage tube, i. 46, 47
- Hartley-Krause method of removing Gasserian ganglion, ii. 108
- Hartwell's method of blood transfusion, i. 352
- Haynes' operation in meningitis, ii. 70
- Head and neck, bandages of, iii. 742
 arteries of, ligation of, incisions for, i. 404
 bandage of, iii. 742
 cravat, crossed, iii. 787
 four-armed, iii. 785
 universal, iii. 742
 with median piece, iii. 742
 diseases of, ii. 17
 injuries of, ii. 17
 lowering of, in hemorrhage, i. 344
 operations on, local anesthesia for, i. 140
 prevention of shock, i. 215
 plastic operations on, iii. 649
 preparation of, for operation, i. 180
 support of, in Pott's disease, ii. 333
 tetanus, i. 270
 tower, ii. 42
- Healing wounds, iii. 734
- Heart, ii. 424
 anatomy, ii. 424
 exposure of, by plastic flap, ii. 426

Heart failure of newborn, ii. 430
 foreign bodies in, ii. 429
 massage of, for syncope, ii. 430
 in general anesthesia, i. 99
 resuscitation by, iii. 821
 operative exposure, ii. 424
 reanimation of, ii. 430
 suture of, ii. 427
 wounds of, ii. 428
 penetrating, ii. 429
 Heat as hemostatic, i. 339
 sterilization by, i. 28
 Hebstectomy, iii. 410
 Hebotomy, iii. 410
 Heel, painful, iii. 495
 Heel-flap method of disarticulation of
 foot, iii. 583
 Heineke and Mikulicz's method of pyloro-
 plasty, ii. 740
 Heine's method of cyclodialysis, ii. 157
 Heliotherapy, iii. 707
 for lupus, iii. 707
 for surgical tuberculosis, iii. 707
 for tuberculosis, iii. 707
 for ulcers of leg, iii. 707
 in infected wounds, i. 241
 in tuberculosis, i. 280
 of joints, i. 664
 of knee, i. 675
 in varicose ulcers, i. 312
 Hematemesis, ii. 727
 Hematocele of tunica vaginalis, iii. 303
 Hematoma in fractures of nasal bones, i.
 539
 of auricle, ii. 303
 of ovary, iii. 431
 of scalp, ii. 17
 of testicles, iii. 303
 of vagina, iii. 333
 of vulva, iii. 327
 subungual, i. 847; iii. 457
 urinary retention from, iii. 211
 Hematomyelia, ii. 325
 Hematuria, vesical, iii. 209
 Hemolysis, in blood transfusion, i. 348
 testing for, i. 355
 Hemolytic jaundice, ii. 785
 Hemophilia, as factor in operation, i. 181
 hemorrhage in, i. 359
 Hemophilic joints, i. 682
 Hemorrhage, i. 334
 acupressure in, i. 341
 adding fluids to body in, i. 344
 adrenalin chlorid in, i. 341
 after extraction of teeth, ii. 279
 after tonsillectomy, ii. 214
 anemia from, i. 343
 angiotribe in, i. 339, 340
 antidiphtheritic serum in, i. 342
 antistreptococcic serum in, i. 342
 artificial local anemia in, i. 367
 astringents in, i. 341
 blood in, i. 342
 blood-serum in, i. 342
 blood transfusion in, i. 343, 348
 calcium in, i. 343
 cautery in, i. 339

Hemorrhage, coagulants in, i. 342
 cold in, i. 339
 compression in, artery press for, i. 366
 of arteries in, i. 360
 control of, constriction of limb for, i. 367
 gravity ischemia with elastic constrict-
 ion in, i. 369
 in abdominal operations, ii. 515
 in bladder operations, iii. 197
 in disarticulation of hip-joint, iii. 602
 of shoulder, iii. 563
 in goiter excision, ii. 388
 local compression for, i. 370
 sequestration of blood for, i. 369
 crushing vessels in, i. 339
 defibrinated blood in, i. 343
 electricity in, i. 339
 elevation in, i. 341
 extradural, ii. 55
 ligation of middle meningeal artery in,
 ii. 56
 extrapial, compressing spinal cord, ii. 325
 fascia in, i. 342
 fat in, i. 342
 fresh air in, i. 344
 from esophagus, ii. 432
 from kidneys, iii. 154
 from larynx, ii. 223
 from nose, ii. 184
 from testicles, iii. 303
 from uterus, iii. 362
 gelatin in, i. 343
 heat in, i. 339
 impromptu tourniquet in, i. 335
 in abdominal operations, ii. 523
 control of, ii. 515
 in Fallopian tubes, iii. 430
 in hemophilia, i. 359
 in infection, i. 359
 in injuries of kidney, iii. 145
 in jaundice, i. 359
 in local congestion, i. 359
 in newborn, spastic paralysis from, iii.
 697
 in perineal prostatectomy, iii. 236
 in pernicious anemia, i. 360
 in purpura, i. 360
 in scalp wounds, control of, ii. 18
 in scurvy, i. 360
 in traumatic asphyxia, i. 360
 in wounds, i. 212
 into brain substance, ii. 57
 into broad ligaments, iii. 426
 into retina, ii. 135
 into scrotum, iii. 302
 into spinal cord, ii. 325
 into vitreous, ii. 134
 intra-abdominal postoperative, ii. 524
 intracranial, ii. 54
 in newborn, ii. 60; iii. 694
 craniotomy in, ii. 61
 kephalin in, i. 342
 labyrinthine, ii. 319
 ligature in, i. 335
 live steam in, i. 339
 lowering of head in, i. 344
 mass-ligature in, i. 337

- Hemorrhage**, Momburg's belt constriction in, i. 363
 muscle in, i. 342
 natural arrest of, i. 334
 of stomach, ii. 727
 operation for, ii. 728
 postoperative prevention, i. 181
 pressure in, i. 334
 prevention of, in amputation, iii. 500
 reactionary, i. 358
 secondary, i. 358
 styptics in, i. 341
 subarachnoid, ii. 57
 subdural, ii. 56
 surgical arrest, i. 334
 thrombin in, i. 342
 thromboplastin in, i. 342
 torsion in, i. 341
 transfusion of blood in, i. 348
 treatment, rules and suggestions for, i. 370
 under finger-nail, iii. 457
- Hemorrhagic cysts** of neck, ii. 372
 endometritis, iii. 370
 retinitis, ii. 134
- Hemorrhoids**, ii. 69
 Boas' extra-anal method in, iii. 74
 chronic intestinal obstruction from, ii. 610
 drug treatment, iii. 69
 external, iii. 73
 inflamed, iii. 74
 internal, iii. 69
 operation for, ii. 70
 circular excision, iii. 72
 clamp and cautery method, iii. 72
 ligature and suture method, iii. 70
 requirements of, iii. 70
 simple ligature method, iii. 72
 phenol injections in, iii. 69
 quinin and urea chlorid injections in, iii. 70
 ulcerated, iii. 74
- Hemostasis** in mouth, ii. 245
 in nasal operations, ii. 183
- Hemostat**, Friedman's for scalp operations, ii. 20, 22
- Hemostatic forceps**, i. 77
- Hemothorax**, ii. 400
- Hepatic duct**, common, anatomy, iii. 105
 incision of, iii. 129
- Hepatocholangiotomy**, iii. 129
- Hepatopexy** in gastropexy, ii. 712
- Hepatoptosis**, iii. 113
- Herbert's wedge-isolation operation** for glaucoma, ii. 161
- Herbst's method of injection** in hydrocele, iii. 314
- Hereditary syphilis**, i. 301
- Hermaphroditism**, iii. 437
- Hernia**, iii. 17
 abdominal belt for, iii. 17
 adherent omentum in, iii. 21
 cerebri, ii. 64
 complications, iii. 22
 concealed, iii. 50
 diaphragmatic, iii. 50
- Hernia**, duodenal, iii. 50
 epigastric, iii. 46
 fascia grafts for reinforcing, iii. 645
 femoral, operations on, local anesthesia in, i. 150
 radical cure, operations for, iii. 38
 frame truss for, iii. 17
 inflamed, iii. 24
 inguinal, direct, operations for, iii. 36
 double operation for, Judd's, iii. 37
 in female, iii. 37
 in infants, iii. 18
 operation for, Bassini's, iii. 32
 involving muscle transplantation, iii. 36
 Kocher's, iii. 34
 local anesthesia in, i. 150
 Torek's, iii. 35
 Warbasse's, iii. 32
 with bone transplantation, iii. 36
 with periosteal transplantation, iii. 36
 without removal of sac, iii. 35
 Woelfler's, Halsted's modification, iii. 37
- inguinoperineal, iii. 38
 internal, iii. 50
 interparietal, iii. 37
 interstitial, iii. 37
 irreducible, iii. 18, 22
 taxis in, iii. 22
 dangers, iii. 22
 lumbar, iii. 47
 obstructed, iii. 24
 obturator, ii. 45
 of appendix, iii. 104
 of bladder, iii. 51
 of brain, ii. 64
 of cecum and appendix, iii. 51
 of diaphragm, treatment, ii. 470
 of Fallopiian tubes, iii. 51
 of large intestines, adherent, iii. 49
 sliding, iii. 49
 of muscle, ii. 789
 of ovary, iii. 51
 of umbilical cord, iii. 45
 of uterus, iii. 51
 operations for, in two stages, iii. 52
 paraffin prosthesis for, iii. 691
 pelvic, iii. 48
 pericecal, iii. 50
 retroperitoneal, iii. 50
 sciatic, iii. 45
 special forms, iii. 24
 strangulated, iii. 22
 dangers, iii. 21
 operation for, iii. 23
 prognosis, iii. 23
 through foramen of Winslow, iii. 51
 through linea semilunaris, iii. 47
 treatment, iii. 17
 nonoperative, iii. 17
 truss in, prognosis with, iii. 21
 umbilical, iii. 18, 40. See also *Umbilical hernia*.
 ventral, iii. 46
 after operation in appendicitis, iii. 102

- Hernia, ventral operations on, local anesthesia in, i. 150
- Heron tendon sutures, i. 37
- Herpes of lips, ii. 246
- of nasopharynx, ii. 208
- of tongue, ii. 288
- progenitalis in syphilis, treatment, i. 302
- simplex, i. 829
- zoster, i. 830
- of eyelids, ii. 119
- Herpetic keratitis, ii. 127
- ulcers, fulguration for, iii. 703
- of tongue, ii. 290
- Hess' operation for ptosis of eyelids, ii. 142
- Heterophoria, graduated tenotomy in, ii. 176
- partial tenotomy in, ii. 176
- Heteroplastic bone-flaps, i. 700
- for filling defects, i. 700
- bone grafts, i. 772
- nerve bridging, i. 855
- transplantation, i. 857
- Heuer's intradural approach to hypophyseal tumors, iii. 819
- Hexamethylenamin as urinary antiseptic, iii. 141
- to prevent meningitis after brain operations, ii. 52
- Hey's method of amputation of leg, iii. 588
- Hiccough, postoperative, i. 226
- High inguinal sigmoidostomy, ii. 689
- tracheotomy, ii. 227
- Highmore, antrum of, ii. 179. See *Maxillary antrum*.
- Hip, iii. 462
- amputation at, interilio-abdominal, iii. 605
- transpelvic, iii. 605
- ankylosis of, iii. 463
- arthroplasty in, i. 765
- osteotomy in, i. 713
- arthritis of, acute suppurative, iii. 462
- chronic, iii. 462
- subacute, iii. 462
- arthrotomy of, iii. 462
- contractures at, iii. 463
- contusions of, iii. 462
- disarticulation of, iii. 601
- by anterior racket incision, iii. 604
- control of hemorrhage in, iii. 602-604
- dislocations of, i. 640. See also *Dislocations of hip*.
- congenital, i. 613. See also *Congenital dislocations of hip*.
- spontaneous, iii. 462
- excision of, i. 748. See also *Excision of hip*.
- loose bodies in, iii. 463
- osteochondritis of, deforming, in children, iii. 463
- paralytic relaxation of, arthrodesis in, i. 739
- snapping, iii. 465
- splints in fractures of shaft of femur, i. 591
- sprains of, i. 652
- Hip, tuberculosis of, i. 665. See also *Tuberculosis of hip*.
- Hirschsprung's disease, chronic intestinal obstruction from, ii. 610
- Hives, i. 827
- Hodgen's splint in impacted fracture of neck of femur, i. 585
- Hodgkin's disease, i. 464
- x-rays in, i. 465
- Hoffa's method of manual correction of club-foot, iii. 474
- Holders, needle, i. 79
- sponge, i. 79
- Holes, chrome, i. 315
- Hollow foot, iii. 489
- Holocain anesthesia in eye operations, ii. 118
- hydrochloride as local anesthetic, i. 137
- Holzknacht's method of regulating x-ray dosage, iii. 704
- Homatropin as mydriatic, ii. 118
- Homoplastic nerve transplantation, i. 857
- Hooks, fish or crochet, removal of, from tissues, iii. 809
- Hordeolum, ii. 119
- Hormonal in acute intestinal stasis, ii. 614
- Horn, i. 841
- Horny elevations of lips, ii. 254
- Horsehair sutures, i. 37
- Horsley's clamp for lateral anastomosis of arteries, i. 378
- method of transplanting cheek flap with temporal artery, iii. 660
- Hospital bed, i. 22, 23
- gangrene, i. 318
- proper ventilation of, i. 21
- Hot air in gangrene, i. 315
- applications for inflammation, i. 233
- in chronic inflammations, i. 249
- water sterilizer, i. 29
- wet dressings in infections of extremities, iii. 445
- Hot-air treatment of chronic suppurative otitis media, ii. 309
- of suppurating wounds, i. 187
- Hour-glass stomach, ii. 706
- gastroplasty for, ii. 709
- by transverse incision, ii. 709
- Housemaid's knee, i. 819
- Howard's method of artificial respiration, iii. 718
- Hudson's burrs, ii. 28, 29
- linear bone-cutting forceps, ii. 29
- Humerus, amputation through, iii. 526
- anatomical neck, fractures of, i. 557
- excision of, i. 730
- shaft, i. 731
- total, i. 731
- fractures of, i. 556. See also *Fractures of humerus*.
- of lower extremity, i. 560. See also *Fractures of lower extremity of humerus*.
- of shaft, i. 560. See also *Fractures of shaft of humerus*.
- head of, penetration of chest wall by, in shoulder dislocations, i. 632

- Humerus, osteosarcoma of head and neck, i. 706
 resection of, i. 730
 surgical neck, fractures of, i. 55^S
 tuberosities, fractures of, i. 557
 upper extremity, fractures of, i. 556
- Humped-nose, plastic operations on, iii. 683
- Hunter's canal, ligation of femoral artery in, i. 436
- Hychlorite as antiseptic, i. 63
- Hydatid cysts of breast, ii. 477
 of kidney, iii. 151
 of liver, iii. 112
 of spleen, ii. 785
- Hydrargyri chloridum corrosivum in syphilis, i. 285
 iodidum flavum in syphilis, i. 285
- Hydrargyrum in syphilis, i. 289
- Hydrargyrum oleatum in syphilis, i. 286
- Hydrencephalocoele, ii. 92
- Hydrobromic ether anesthesia, i. 118
- Hydrocele, iii. 312
 catgut treatment, iii. 316
 eversion for, iii. 313
 extirpation of unopened sac in, iii. 316
 in adults, iii. 314
 in young children, iii. 314
 of round ligament, iii. 316
 of spermatic cord, iii. 316
 of vulva, iii. 328
 operation for, iii. 312
 tapping for, iii. 314
 injection after, iii. 314
- Hydrocephalus, ii. 94, 350
 acquired internal, ii. 95
 congenital, subtemporal drainage in, ii. 96
 ventricular, ii. 95, 97
 subperitoneal drainage in, ii. 97
 drainage of cisterna magna into cranial sinuses in, ii. 98
 external, ii. 94, 95
 puncture of cerebral ventricles in, ii. 95, 96
- Hydrochloric acid as antiseptic, i. 72
- Hydrochlorid of quinin as antiseptic, i. 71
- Hydrogen peroxid as antiseptic, i. 68
- Hydronephrosis, iii. 153
 pyeloclipation in, iii. 153
 ureteropyelostomy in, iii. 153
- Hydrophobia, i. 273
 desiccated vaccine in, i. 273
 Pasteur treatment, i. 273
- Hydrotherapy in burns of skin, i. 822
 in syphilis, i. 298
- Hydrothorax, ii. 401
 aspiration in, ii. 401
 autoserotherapy in, ii. 402
 insufflation of air in, ii. 402
 tuberculous, ii. 413
- Hygiene of mouth, ii. 245
- Hymen, iii. 324
 dense, iii. 328
 imperforate, iii. 328
- Hyoid bone, fractures of, i. 548
- Hyoscin as mydriatic, ii. 118
- Hypercapnia in anesthesia, i. 123
- Hyperchlorhydria in ulcer of stomach, treatment, ii. 722
- Hyperemia, Bier's, i. 229-232. See also *Bier's hyperemia*.
 of conjunctiva, ii. 121
 passive, for infections of extremities, iii. 445
 pulmonary, postoperative, i. 227
- Hyperidrosis, i. 844
 of hands, treatment, i. 849
- Hypernephroma, iii. 151
- Hyperplasia from paraffin prosthesis, iii. 692
 of fatty tissue of knee-joint, iii. 465
- Hyperplastic nasopharyngitis, ii. 205
 rhinitis, ii. 187
- Hyperthyroidism, ii. 389
 dangers of nonoperative treatment, ii. 391
 extreme exophthalmos in, ii. 391
 faradism in, ii. 390
 galvanism in, ii. 390
 ligation of thyroid gland in, ii. 393
 operative treatment, ii. 391
 quinin and urea injections in, ii. 390
 radium in, ii. 390
 thyreoprivic serum in, ii. 390
 thyroidectomy in, ii. 392
 x-rays in, ii. 390
- Hypertonic solutions, injection of, i. 138
 treatment of infected wounds, i. 241
- Hypertrichosis, i. 846
- Hypertrophic skin diseases, i. 840
 stenosis of pylorus, acquired, ii. 720
 subglottic laryngitis, ii. 219
- Hypertrophy of bladder, iii. 206
 of breast, ii. 472
 senile parenchymatous, ii. 475
 of cervix, iii. 375
 amputation in, iii. 375
 of clitoris, iii. 328
 of labia minora, iii. 329
 of lacrimal gland, ii. 136
 of nail, i. 848
 of penis, iii. 254
 of prostate, iii. 231
 Bottini's operation for, iii. 232
 catheterization for, iii. 231
 galvanocaustic prostatotomy for, iii. 232
 operation in, iii. 231
 palliative treatment, iii. 231
 prevention, iii. 231
 suprapubic cystotomy for, iii. 232
 urinary retention from, iii. 211
 of spleen, ii. 785
 of synovial fringes of knee-joint, iii. 465
 of thymus gland, ii. 446
 of tongue, ii. 290
 of tonsils, chronic, ii. 212
 of turbinates, ii. 186
- Hypnotic anesthesia, i. 126
- Hypochlorite of potassium as antiseptic, i. 64
 of sodium as antiseptic, i. 64
 solution, method of making, i. 62
- Hypodermic narcotic agents, i. 123
 phlorhizin test of kidney function, iii. 143

- Hypodermoclysis, i. 344
 continuous, i. 345
 in peritonitis, ii. 550
- Hypoglossal nerve, grafting of, in facial paralysis, i. 882
 injuries and diseases of, i. 892
- Hypoglossal-accessorius-facial nerve grafting in facial paralysis, i. 886
- Hypoglossal-facial nerve grafting in facial paralysis, i. 883
- Hypophyseal tumors, intradural approach to, iii. 819
- Hypophysis of brain. See *Pituitary body*.
- Hypopyon, ii. 128
 keratitis, ii. 126
 operation for, ii. 152
- Hypospadias, Beck's operation for, iii. 267
 Bevan's operation for, iii. 269
 operation for, iii. 261
 Russell's operation for, iii. 267
 Zzymanowski's operation for, iii. 266
- Hypostatic congestion, i. 228
 of lungs in fractures, i. 525
- Hyposulphite of calcium as disinfectant, i. 61
- Hypothyroidism, ii. 394
- Hypotonic solutions, injection of, i. 138
- Hysterectomy, abdominal, iii. 415
 for cancer, iii. 421
 partial, iii. 418
 after-treatment, iii. 426
 by two suture-ligatures, iii. 421
 combined abdominal and vaginal, iii. 422
 for inversion of uterus, iii. 385
 for prolapse of uterus, iii. 380
 in pregnancy, iii. 425
 partial, for fibroid tumors, iii. 418
 preparation of patient, iii. 411
 ureterovaginal fistula following, iii. 353
 vaginal, iii. 411
 by morcellment, iii. 414
 with clamps, iii. 414
- Hysteria, traumatic, ii. 103
- Hysterical spine, ii. 355
- Hysterotomy, iii. 401
 abdominal, iii. 404
 obstetric, iii. 404
 low, iii. 408
 vaginal, iii. 401
- ICE, as anesthetic, i. 154
- Ice-bag, i. 236
- Ichthargan as antiseptic, i. 67
- Ichthoform as antiseptic, i. 73
- Ichthyol as antiseptic, i. 73
 silver as antiseptic, i. 67
- Ichthyol-glycerin as antiseptic, i. 73
- Ichthyosis, i. 842
- Icterus, hemolytic, ii. 785
 hemorrhage in, i. 359
- Idiocy, congenital, ii. 103
- Ileocecal valve, anatomy, ii. 625
 incompetent, ii. 614
 obstruction, ii. 602
- Ileocolostomy for tuberculosis of cecum, ii. 575
 in chronic intestinal stasis, ii. 613
- Ileum, anatomy, ii. 624
- Ileus, paralytic, iii. 552
 pituitrin in, ii. 553
- Iliac artery, common, embolism of, i. 455
 ligation of, i. 426
 extraperitoneal, i. 426
 compression of, for hemorrhage, i. 367
 external, aneurism of, i. 398
 ligation of, i. 429
 internal, aneurism of, i. 398
 compression of, for hemorrhage, i. 367
 ligation of, i. 430
- Iliofemoral triangular bandage, iii. 792
- Ilio-inguinal abdominal section, ii. 510
- Illuminating gas, asphyxia from, iii. 720
- Imbecility, congenital, ii. 103
- Imbedded tonsils, ii. 216
- Immature cataract, intracapsular extraction, ii. 171
 preliminary capsulotomy for, ii. 168
- Immobilization for infected wounds, i. 222
 in basal fractures of skull, i. 535
 in compound fractures, i. 520
 in fracture of vertebræ, i. 538
 in tuberculosis of hip, i. 666, 668
 of knee-joint, i. 674
 of fragments after fracture, i. 476
- Immobilizing adducting bandage of knees, iii. 770
 bandage of shoulder, iii. 755
 and arm, iii. 755
- Impacted cerumen in external auditory canal, ii. 305
- Impaction in fractures, i. 524
- Imperforate anus, iii. 66
 hymen, iii. 328
 rectum, iii. 66
- Impermeable stricture of anterior urethra, iii. 294
 of deep urethra, iii. 294
 of urethra, iii. 290, 297
- Impervious protective materials, i. 52
- Impetigo contagiosa, i. 829
- Implantation, muscle, in empyema, ii. 411
 of nerves, i. 857
 results, i. 859
 of ureter, iii. 176, 181
 into bladder, iii. 176
 into cecum for exstrophy of bladder, iii. 205
 into large intestine, iii. 178
 into pelvis of kidney, iii. 180
 into rectum, iii. 179
 into skin, iii. 180
 lateral, by uretero-ureterostomy, iii. 175
- Impotence in male, iii. 321
- Impregnation, artificial, iii. 438
- Incised wounds, i. 219
 of joints, infected, i. 655
- Incision of common duct, iii. 129
 retroduodenal portion, iii. 130
 of hepatic duct, iii. 129
 transverse, abdominal, ii. 507-512
- Incompetent ileocecal valve, ii. 614
- Incomplete tonsillectomy, ii. 213

- Incontinence of feces, iii. 60
 paraffin prosthesis for, iii. 691
 of sphincter of bladder, iii. 207
 of urine, iii. 207
 paraffin prosthesis for, iii. 691
 of vesical sphincter, iii. 330
- Incus, ii. 299
- Index-finger, disarticulation of, at metacarpophalangeal joint, iii. 549
 infections of, iii. 447
- India, fungus disease of, i. 273
- Indian hemp dressings, i. 42
- Indigo-carmin test of kidney function, iii. 144
- Indirect blood transfusion, i. 353
- Indolent ulcers, i. 312
 x-rays in, iii. 706
- Indurated ulcers, i. 313
- Induration and swelling of testicles, iii. 305
- Industrial accidents, prevention of, iii. 722
 surgical treatment, iii. 723
- Infancy, pyloric stenosis of, ii. 717
- Infantile paralysis, arthrodesis in, i. 738
 with drop-foot, silk ligaments in, i. 802
 uterus, amenorrhœa from, iii. 397
- Infants. See *Newborn*.
- Infection, septic, of kidney, iii. 146
- Infected cysts, i. 326
 wounds, i. 27, 28, 211, 237
 acute, iii. 734
 artificial hyperemia in, i. 28
 Bacillus diphtheriæ in, i. 262
 before onset of inflammation, iii. 734
 cleanliness of, i. 28
 gas bacillus in, i. 222
 heliotherapy in, i. 241
 immobilization for, i. 222
 iodized starch for, i. 242
 Javel water in, i. 64, 247
 Labarraque's solution in, i. 64
 mechanical cleansing in, i. 28
 of joints, incised, i. 655
 poultice in, i. 28
 primary delayed suture for, iii. 811
 suture for, iii. 811
 putrefactive organisms in, i. 212
 rest treatment, i. 187
 sources of, i. 28
 staphylococci in, i. 212
 treatment, i. 186, 237
 acriflavine, iii. 810
 antiseptic, i. 242
 Bacillus bulgaricus, i. 241
 bipp paste, i. 248
 bismuth paste, i. 248
 brilliant green, iii. 810
 by embalming, iii. 812
 chloramin, i. 242
 chloraminated oil, i. 247
 chlorazene, ii. 242, 247
 combined instillation and bipp paste, iii. 811
 Dakin-Carrel instillation, i. 242
 Dakin's antiseptic, i. 242
 dichloramin, i. 247
 electric light, i. 241
 ether, i. 248
- Infected wounds, treatment, flavine, iii. 809
 formaldehyd-phenol in camphor-paraffin, iii. 805
 glycerin, i. 241
 hot peroxid-phenol, i. 247
 hypertonic, i. 241
 lactic acid, i. 241
 magnesium hypochlorite, i. 247
 sulphate, i. 248; iii. 810
 open, i. 240
 physiologic, i. 239
 potassium hypochlorite, i. 247
 proflavine, iii. 810
 salt pack, i. 241
 soap, i. 248
 sodium hypochlorite, i. 247
- Infection, extradural, ii. 65
 from outside body, i. 27
 from within body, i. 27
 gas bacillus, i. 270
 hemorrhage in, i. 359
 joint, vaccines in, i. 257
 of abdominal wall, ii. 536
 of bile-tract, iii. 114
 treatment, iii. 115
 of foot, iii. 468
 of intestinal canal, ii. 569
 of kidney, iii. 146
 of liver, iii. 109
 of mediastinum ii. 444
 of muscles, i. 791
 of prostate, iii. 229
 of scalp, ii. 23
 of scrotum, iii. 302
 of temporal bone, intracranial complications of, ii. 318
 pyocyaneus, i. 262
 resistance to, as factor in surgical treatment, i. 26
 skin, i. 825
 sodium succinate in, i. 258
 streptococcus, i. 262
 surgical, i. 255
 with Bacillus aërogenes capsulatus, i. 271
 wound, i. 27. See also *Infected wounds*.
- Infectious eczematoid dermatitis, i. 826
- Infective arteritis, i. 380
 arthritis, acute, i. 658
 bursitis, i. 819
 diseases of cranial bones, ii. 41
 inflammation of wounds, i. 28
 lymphoma, i. 464}]
 x-rays in, i. 465
 myositis, i. 791
 neuritis, acute, i. 862
 processes in neck, ii. 361
 synovitis, acute, i. 658
 tenosynovitis, i. 817
 thrombosis of venous sinuses of dura mater, ii. 71
- Infiltration anesthesia, i. 127
 general, in local anesthesia, i. 132
- Inflamed hemorrhoids, iii. 74
 hernia, iii. 24
 patellar pad, i. 653
 ulcers, i. 312

- Inflammation, i. 228
 acute, i. 228
 rest treatment, i. 229
 Bier's hyperemia in, i. 229
 chronic, i. 249
 Bier's hyperemia for, i. 232
 cold applications in, i. 250
 electricity in, i. 250
 massage in, i. 249
 nourishment in, i. 249
 passive motion in, i. 249
 rest in, i. 250
 seton in, i. 250
 skin irritation in, i. 250
 suction-traction massage in, i. 250
 vibration in, i. 249
 cold applications for, i. 235
 counterirritation for, i. 237
 dietetic treatment, i. 235
 elevation of part in, i. 237
 evaporating lotions for, i. 237
 hot applications in, i. 233
 infective, i. 228
 inhibitive treatment, i. 235
 local antiseptic treatment, i. 234
 natural treatment, i. 228
 of bladder, iii. 191. See also *Cystitis*.
 of brain, ii. 73
 of chest wall, ii. 398
 of conjunctiva, ii. 121. See also *Conjunctivitis*.
 of Cowper's glands, iii. 275
 of epididymis, acute, iii. 304
 of esophagus, ii. 432
 of face, ii. 115
 of kidney, iii. 146
 of lacrimal gland, ii. 136
 of lips, ii. 246
 of lower extremities, iii. 462
 of mouth, ii. 246
 of nail, i. 848
 of nipple, ii. 473
 of omentum, ii. 620
 of ovary, iii. 430. See also *Oöphoritis*.
 of pelvis of kidney, iii. 147
 of rectum, iii. 61. See also *Proctitis*.
 of stomach, ii. 702. See also *Gastritis*.
 of testicles, acute, iii. 304
 of thyroid gland, ii. 380
 of urethra, simple, iii. 272
 of verumontanum, iii. 272
 of vulva, iii. 327
 skin, i. 825
 Inflammatory gangrene, i. 317
 stricture of urethra, iii. 286
 Inflation, mouth-to-mouth, for resuscitation, iii. 730
 Influenza, arthritis in, i. 660
 Infolding purse-string suture, iii. 809
 suture, i. 201
 Infundibuliform amputations, iii. 513
 Infusion, arterial, local anesthesia by, i. 134
 saline. See *Saline infusion*.
 sugar, i. 348
 venous, in local anesthesia, i. 132
 Ingrown toenail, iii. 493
 Inguinal abscess in Pott's disease, ii. 337
 anus in cancer of rectum, iii. 76
 colostomy, left, ii. 686
 hernia, direct, operations for, iii. 36
 double, operation for, Judd's, iii. 37
 in female, iii. 37
 in infants, iii. 18
 operation for, Bassini's, iii. 32
 involving muscle transplantation, iii. 36
 Kocher's, iii. 34
 local anesthesia in, i. 150
 Torek's, iii. 35
 Warbasse's, iii. 32
 with bone transplantation, iii. 36
 with periosteal transplantation, iii. 36
 with removal of sac, iii. 35
 Woelfler's, Halsted's modification, iii. 37
 sigmoidostomy, ii. 685
 high, ii. 689
 low, ii. 690
 Inguinoperineal hernia, iii. 38
 Inhalers, ether, i. 106, 107
 Inion, ii. 45
 Injections, nutrient, i. 20
 proteid, i. 21
 Injured, first aid to, iii. 722
 transportation of, iii. 723
 by aeroplane, iii. 728
 by ambulance, iii. 727
 by stretcher, iii. 724
 by travois, iii. 726
 Injuries from electric currents, iii. 716
 from radiation, iii. 716
 general, of neck, ii. 360
 of bladder, iii. 190
 of bones of skull in newborn, iii. 695
 of brain, ii. 63
 of choroid, ii. 130
 of head, treatment, ii. 17
 of intracranial nerves, ii. 63
 of kidney, iii. 144
 hemorrhage in, iii. 144
 infection in, iii. 145
 nephrectomy for, iii. 145
 operative repair, iii. 145
 of larynx, ii. 219
 of meningeal sinuses, ii. 64
 of nails, i. 847
 of newborn, iii. 694
 of nose, ii. 183
 of penile urethra, iii. 250
 of peritoneum, ii. 542
 of prostate, iii. 228
 of rectum, iii. 60
 of sacro-iliac joint, iii. 459
 of spleen, ii. 784
 of tongue, ii. 287
 of trachea, ii. 219
 of ureter, iii. 156
 of urethra, iii. 271
 extravasation of urine in, iii. 271
 Inlay bone graft, method of holding, i. 774
 Innominate artery, aneurism of, i. 399
 ligation of, i. 403
 indications for, i. 406

Inoculations, curative, i. 255
 protective, i. 255
 Inoperable abdominal carcinoma, ii. 706
 cancer, i. 331
 Insanity, ii. 102
 cases demanding operation, ii. 103
 congenital, ii. 103
 primary traumatic, ii. 102
 surgical treatment, ii. 104
 Insects, bites and stings of, i. 275
 on mouth, ii. 247
 infection from, i. 27
 Inspiratory moan in rectal operations, iii. 61
 Instruments, i. 75
 arrangement of, at operation, i. 169
 bone, extemporized, i. 89
 counting of, i. 172
 emergency, i. 87
 for amputation, iii. 499
 for operations on eye, ii. 138
 on nose, ii. 180
 leaving in abdomen in operations, prevention, ii. 516
 nurse in charge of, i. 169
 room for, i. 167
 sterilization of, i. 89
 table for, i. 169
 Insufflation, endotracheal, with nitrous-oxid oxygen, i. 122
 intratracheal, iii. 719, 730
 in electric shock, iii. 719
 in gas poisoning, iii. 721
 of air in hydrothorax, ii. 402
 of lungs, ii. 446
 apparatus for, ii. 447
 pharyngeal, in ether anesthesia, i. 110
 Intercostal artery, wounds of, ii. 390
 nerves, injuries of, i. 897
 neuralgia, i. 897
 thoracotomy, simple, in empyema, ii. 403
 Interdental moulded splints in jaw fractures, i. 542, 544, 546
 Interilio-abdominal amputation at hip-joint, iii. 605
 Interintestinal adhesions in abdominal operations, ii. 523
 Interlocking suture, i. 201
 Intermittent anesthesia, i. 101
 Intermuscular temporal craniotomy, ii. 36
 Internal angular process of supra-orbital arch, ii. 46
 diseases, i. 17
 natural tendency of, i. 17
 hernia, iii. 50
 sclerotomy, ii. 157
 Interparietal hernia, iii. 37
 Interphalangeal joint of finger, disarticulation at, iii. 546
 Interpleural pneumolysis in tuberculosis, ii. 418
 Interrupted intestinal suture, ii. 628
 sutures, i. 187
 Interscapulothoracic amputation, iii. 568
 Interstitial hernia, iii. 37
 injections of oxygen, i. 358
 keratitis, ii. 127
 mastitis, chronic, ii. 474

Intestinal anastomosis, ii. 646
 by circular occlusion method, ii. 658
 by clamp method, ii. 676
 by lateral implantation, ii. 665
 by simple invagination, ii. 661
 end-to-end, by invagination method, ii. 654
 of segments of unequal size, ii. 656
 simple, ii. 647
 with mattress sutures, ii. 651
 end-to-side, ii. 665
 for rectal prolapse, iii. 69
 invagination method, with ring or bobbin, ii. 658
 knitting needles for, ii. 677
 lateral, ii. 661, 663
 button method, ii. 671
 forming blind end in, ii. 662
 technic, ii. 663
 rubber ligature method, ii. 675
 with absorbable devices, ii. 675
 with button, ii. 667
 with knitting needles, ii. 677
 with mechanical devices, ii. 666
 with segmented ring, ii. 674
 canal, infections of, ii. 569
 exclusion, ii. 677
 feeding, ii. 701
 fermentation, prevention of, i. 20
 fistula, closure of, ii. 616
 permanent, in lower small intestine, ii. 685
 temporary, ii. 683
 obstruction, ii. 595, 599
 acute, ii. 595
 enterostomy for, ii. 685
 angulation in, ii. 600
 at ileocecal valve, ii. 602
 chronic, ii. 610
 desperate cases, ii. 597
 from adhesions, ii. 600
 from diverticula, ii. 603
 from foreign bodies, ii. 608
 from gall-stones, ii. 608
 from gangrene, ii. 609
 from intussusception, ii. 604
 from pericolic adhesions, ii. 602
 from strangulation by bands, ii. 599
 from stricture, ii. 609
 from valvulus, ii. 608
 in peritonitis, ii. 553
 operation in, ii. 595
 after-treatment, ii. 598
 preparations for, ii. 595
 operations, instruments for, ii. 626
 resection, ii. 636
 anastomosis after, ii. 639
 indications for, ii. 639
 sinus, closure of, ii. 616
 stasis, acute, ii. 614
 chronic, ii. 610
 colostomy for, ii. 574
 dietetic treatment, ii. 611
 ileocolostomy in, ii. 613
 Kellogg's treatment, ii. 610
 kinks from, ii. 611

- Intestinal stasis, chronic, Lane's treatment, ii. 614
 vaccines in, ii. 611
 operation in, ii. 611
 suture, ii. 628
 continuous, ii. 628
 interrupted, ii. 628
 mattress interlocking stitch, ii. 636
 methods, ii. 628
 mucosa, ii. 635
 needles for, ii. 627
 omental grafts in, ii. 629
 parallel continuous stitch, ii. 631
 purse-string, ii. 35
 right-angle mattress stitch, ii. 633
 seromuscular, ii. 629
 mattress stitch, ii. 633
 simple right-angle stitch, ii. 631
 sterilization of mucous membrane in, ii. 630
 toxemia, i. 259
 chronic, ii. 610
 transplantation, formation of new vagina by, iii. 359
 wall, cysts of, ii. 582
- Intestines, actinomycosis of, ii. 575
 adenoma of, polypoid, ii. 582
 anastomosing gall-bladder with, iii. 125
 anatomy, ii. 621
 cancer of, ii. 583, 588
 contusions of, ii. 565
 diverticula of, ii. 603
 inflammation of, acute phlegmonous, ii. 574
 irrigation of, indications for, ii. 571
 large, anatomy, ii. 624
 hernia of, sliding, iii. 49
 surface topography, ii. 625
 lumen of, closure of, ii. 681
 by purse-string suture, ii. 681
 transverse, ii. 682
 operations on, ii. 621
 feeding after, ii. 778
 perforation of, ii. 576
 malignant, ii. 581
 of gaseous cysts, ii. 581
 suppurative, ii. 581
 preparation of, for operation, i. 180
 prolapse of, ii. 616
 rupture of, ii. 566
 sarcoma of, ii. 583
 strangulation by bands, ii. 599
 submucularis-mucous-membrane occlusion of, ii. 682
 suture of, ii. 628. See also *Intestinal suture*.
 tubercular perforation of, ii. 581
 tuberculosis of, ii. 574
 tumors of, ii. 582
 ulcers of, ii. 576
 wounds of, non-perforating, with wounds of mesentery, ii. 568
 perforating, ii. 567
 suturing, ii. 635
- Intra-abdominal fixation of round ligaments, for retroversion, iii. 392
 hemorrhage, postoperative, ii. 524
- Intra-abdominal saline infusion, i. 346
 Intra-articular fracture of lower end of femur, i. 653
 Intracanalicular myxoma of breast, ii. 475
 Intracapsular extraction of immature cataract, ii. 171
 Intracellular saline infusion, i. 346
 skin-grafting, iii. 643
 Intracranial abscess of otic origin, ii. 317
 complications of infections of temporal bone, ii. 318
 diseases, ii. 42
 hemorrhage, ii. 54
 in newborn, ii. 60; iii. 694
 craniotomy in, ii. 61
 injuries, ii. 42
 nerves, injuries of, ii. 63
 operations on fifth nerve, ii. 105
 for neuralgia, ii. 115
 on seventh nerve, ii. 110. See also *Seventh nerve*.
 structures, wounds of, ii. 61
 Intradural approach to hypophyseal tumors, iii. 819
 Intrahepatic cholelithiasis, iii. 113
 Intramuscular injections of ether, i. 115
 of magnesium sulphate in tetanus, i. 269
 of mercury in syphilis, i. 286
 of salvarsan in syphilis, i. 297
 Intranasal treatment of sinus infections, ii. 201
 Intra-ocular edema of optic nerve, ii. 135
 Intraperitoneal rupture of bladder, iii. 191
 Intrapulmonary pressure, increased for operations through mediastina and pleura, ii. 446
 Intraspinal injection of magnesium sulphate, i. 161
 in tetanus, i. 268
 tumors, ii. 338
 Intrathoracic goiter, ii. 446
 Intratracheal anesthesia, i. 125
 insufflation, iii. 719, 730
 apparatus for, ii. 447
 in electric shock, iii. 719
 in gas-poisoning, iii. 721
 Intra-uterine fractures, i. 529
 Intravenous general anesthesia, i. 164
 with magnesium sulphate, i. 164
 infusion into sagittal sinus in children, i. 347
 salini, i. 346
 with colloidal solutions, i. 347
 injections, nutrient, i. 20
 of glucose in glaucoma, ii. 132
 of magnesium sulphate in tetanus, i. 269
 of oxygen, i. 357
 phlorhizin test of kidney function, iii. 143
 serum treatment of epidemic cerebrospinal meningitis, iii. 820
 Intraventricular injection of salvarsan in paresis, i. 296
 Intravesical operations, Meyer's cystoscope for, iii. 197

- Intubation of larynx, ii. 237
 indications for, ii. 237
 instruments for, ii. 237
 postoperative care, ii. 239
 technic, ii. 238
- Intussusception, ii. 604
 gangrenous, ii. 607
 irreducible, ii. 605
 nongangrenous, ii. 605
 reducible, ii. 605
 resection in, ii. 607
- Inunctions, mercurial, in syphilis, i. 286
- Invagination method of end-to-end intestinal anastomosis, ii. 654
 of segments of unequal size, ii. 656
 of intestinal anastomosis, simple ii. 661
 with ring or bobbin, ii. 658
 of suture of artery, i. 376
- Inversion of eyelids, operations for, ii. 143
 of uterus, iii. 383
 amputation for, iii. 385
 chronic, iii. 384
 hysterectomy for, iii. 385
 recent, iii. 383
- Inverted nipple, ii. 472
- Iodin for preparation of operative field, i. 177
 for promoting healing of skin, iii. 812
 in peritonitis, ii. 550
 in soiled wounds, i. 186
 in syphilis, i. 290
 method for sterilizing catgut, i. 35
 of hand sterilization, i. 174
 powder, i. 69
 tincture of, as antiseptic, i. 68
- Iodism in syphilis, i. 291
- Iodized starch for infected wounds, i. 242
- Iodoform as antiseptic, i. 69
 emulsion as antiseptic, i. 69
 gauze, i. 40
 sticky, i. 40
 substitutes, i. 70
 wicking, i. 40
- Iodoform-balsam as antiseptic, i. 70
- Iodoform-collodion as antiseptic, i. 69
- Iodoform-ether as antiseptic, i. 69
- Iodoform-glycerin as antiseptic, i. 69
- Iodoformin as antiseptic, i. 70
- Iodoformogen as antiseptic, i. 70
- Iodoformol as antiseptic, i. 70
- Iodol as antiseptic, i. 70
- Iodomuth as antiseptic, i. 70
- Iodosyl as antiseptic, i. 70
- Iodozen as antiseptic, i. 70
- Ipecac in amebic colitis, ii. 570
- Iridectomy, ii. 154
 combined with sclerotomy, ii. 157
 in glaucoma, ii. 131, 161
 with cataract extraction, ii. 166
 without cataract extraction, ii. 165
- Iridodialysis, ii. 129
- Iridotomy, ii. 155
 V-shaped, Ziegler's, ii. 156
- Iris, adhesions of, to cornea, ii. 156
 diseases of, ii. 129
 extrusion of, ii. 121
- Iris, operations on, ii. 154
 tumors of, ii. 129
 wounds of, ii. 129
- Irish moss lubricant, i. 58
- Iritis, ii. 129
 diabetic, ii. 129
 gonorrhoeal, ii. 129
 gouty, ii. 129
 rheumatic, ii. 129
 syphilitic, ii. 129
- Iritectomy, ii. 155
- Iron chlorid, as antiseptic, i. 72
 foreign bodies in interior of eyeball, removal of, ii. 160
 sulphate, as antiseptic, i. 73
 wire sutures, i. 38
- Ironing for stiff neck, ii. 373
- Irreducible hernia, iii. 18, 22
 taxis in, iii. 22
 dangers, iii. 22
- Irrigation apparatus, extemporized, i. 88
 in peritonitis, ii. 549
 receptacles, i. 82
- Irritable prostate, iii. 248
 spine, i. 681
 ulcers, i. 313
- Irritating gases, poisoning from, iii. 721
- Irritative congestion, i. 228
- Ischemia, gravity, with elastic constriction for control of hemorrhage, i. 369
- Ischemic degeneration of muscle, i. 793
 muscular paralysis, iii. 453
- Ischiorectal abscess, iii. 62
- Ischium, dislocations of hip downward on, i. 645
- Isotonic solutions, injection of, i. 138
- Israel's method of restoration of whole thickness of cheek, iii. 657
 of rhinoplasty with bone-flap from forearm, iii. 672
- Itch, i. 848
- Itrol, as antiseptic, i. 67
- Ivy poisoning, i. 825
- JABOULAY'S resection of nerve fiber sheath for perforating foot ulcer, iii. 494
- Jacket, plaster-of-Paris, in Pott's disease, ii. 329, 335
- Jack's adaptation of Murphy button in bladder drainage, iii. 221
- Jackson's instruments for tracheoscopy and bronchoscopy, ii. 239
 method of direct laryngoscopy, ii. 240
 of superior bronchoscopy, ii. 242
 operation in cancer of breast, ii. 490
- Janeway's method of gastrostomy with external flap, ii. 731
- Jar, aspirating, 81
- Jaundice, as factor in operation, i. 187
 hemolytic, ii. 785
 hemorrhage in, i. 359
- Javel water, i. 64
 in infected wounds, i. 247
- Jaw, fractures of, i. 542
 interdental moulded splint in, i. 542
 lower, i. 543
 interdental splint in, i. 544

- Jaw, fractures of, lower, Matas' splint in, i. 545
 plaster-of-Paris bandage in, i. 544
 wiring in, i. 545
 upper, i. 542
 lower, ankylosis of, Esmarch's operation for, i. 726
 excision of condyle for, i. 726
 operations for, i. 726
 deformities of, with defective occlusion, ii. 283
 dislocations of, i. 618
 backward, i. 619
 forward, i. 618
 old irreducible, i. 619
 outward, i. 619
 upward, i. 619
 division of, excision of tongue for carcinoma after, ii. 297
 excision of, i. 724
 whole of, i. 725
 fractures of, bone grafts in, i. 508
 plastic operation for restoration of, iii. 682
 prosthesis for, i. 728
 plumper for, i. 728
 resection of, i. 724
 of alveolar process, i. 725
 of half of body, i. 724
 and ramus, i. 725
 of segment, i. 726
 temporary division of, i. 725
 underdeveloped, ii. 280
 upper, excision of, i. 717
 by external incision, i. 721
 by Langenbeck's cheek-flap operation, i. 722
 by mediolateral incision, i. 718
 Dieffenbach's median operation for, i. 722
 Malgaigne's operation, i. 722
 subperiosteal, i. 722
 operations through, to reach nasopharynx, i. 723
 prosthesis of, i. 726
 plumper for, i. 727
 resection of, i. 707
 of alveolar process, i. 723
 of lower segment, i. 722
 of upper segment, i. 723
- Jaws, ii. 280
 both upper, simultaneous excision, i. 722
 cysts of, ii. 286
 defective occlusion of, ii. 281
 deformities of, ii. 280
 enchondroma of, ii. 286
 fibroma of, ii. 286
 malocclusion of, with prognathism, ii. 283
 necrosis of, ii. 286
 odontoma of, ii. 286
 osteoma of, ii. 286
 osteomyelitis of, ii. 283
 periostitis of, ii. 283
 resection of, defects after, prosthetic apparatus for, i. 726
 sarcoma of, ii. 286
 myeloid, ii. 286
- Jaws, sarcoma of, peripheral, ii. 286
 tumors of, ii. 286
 Jejunal ulcer, ii. 580
 Jejunostomy, ii. 695
 for duodenal ulcer, ii. 578
 indications for, ii. 696
 Jejunum, anatomy, ii. 624
 Jews, susceptibility of, to disease, i. 18
 Jianu's method of gastro-esophagoplasty, ii. 465
 Joani's clamp for suture of artery, i. 374
 Joints, ankylosis of, i. 686
 operative treatment, i. 686
 cartilages of, dislocation of, i. 652
 Charcot's disease of, i. 681
 diseases of, i. 650
 Bier's hyperemia for, i. 232
 erosion of, i. 738
 exposure of, i. 738
 fractures involving, i. 518
 hemophilic, i. 682
 infections of, formalin-glycerin solutions for, iii. 805
 vaccines in, i. 257
 loose bodies in, i. 653
 malposition of, due to contractures of soft parts, i. 682. See also *Malposition of joints*.
 neuromimesis of, i. 681
 neuropathic conditions of, i. 681
 operations on, i. 688, 737
 instruments for, i. 688-690
 reconstruction of, with fascia grafts, iii. 647
 resection of, i. 738
 spermaceti wax in, i. 705
 spinal, sprains of, ii. 324
 stiffness of, after fractures, i. 525
 transplantation of, i. 767
 traumatism of, i. 650
 tuberculosis of, i. 663. See also *Tuberculosis of joints*.
 weak, operations to strengthen, i. 768
 wounds of, i. 654. See also *Wounds of joints*.
- Judd's extraperitoneal suprapubic approach to bladder, iii. 172
 operation for double inguinal hernia, iii. 37
 Judson's splint for club-foot, iii. 472
 Jugular glands, internal, ii. 363
 vein, internal, wounds of, ii. 360
 Jury-mast in Pott's disease, ii. 333
 Jute dressings, i. 42
- KADER's method of gastrostomy, ii. 734
 Kangaroo tendon sutures, i. 37
 Keen's incision for transpelvic amputation at hip-joint, iii. 606
 Kehr's method of reconstructing common duct, iii. 135
 Kelen anesthesia, i. 117
 Kellogg's treatment of chronic intestinal stasis, ii. 610
 Keloid, i. 225, 843
 of acne, x-rays in, iii. 705
 of scalp, ii. 24
 radium in, iii. 713, 714

- Kemp's apparatus for proctoclysis, iii. 57
- Kenyon's method of craniotomy, by osteo-plastic flap method, ii. 38
- Kephalin gauze, i. 41
- in hemorrhage, i. 342
- Keratitis, 124
- bullosa, ii. 127
- herpetic, ii. 127
- hypopyon, ii. 126
- interstitial, ii. 127
- neuroparalytic, ii. 126
- operation for, ii. 152
- phlyctenular, ii. 125
- vascular, ii. 127
- with pus in anterior chamber, ii. 126
- xerotic, ii. 127
- Keratoconjunctivitis, nodular lymphatic, ii. 125
- Keratoconus, operations for, ii. 153
- Keratosis from x-rays, radium in, iii. 714
- obturans in external auditory canal, ii. 306
- of nasopharynx, ii. 208
- pilaris, i. 841
- Kidney, iii. 138
- abscess of, iii. 148
- anatomy of, iii. 138
- arteries, accessory, iii. 139
- aneurism of, iii. 151
- cancer of, iii. 151
- colic, iii. 154
- colon bacillus infection of, iii. 148
- lavage in, iii. 148
- cysts of, iii. 151
- decapsulation of, iii. 170
- disease as factor in operation, i. 181
- exploratory puncture of, iii. 163
- exposure of, iii. 157. See also *Exposure of kidney*.
- fistula, iii. 154
- fixation of, anterior transperitoneal, iii. 170
- floating, iii. 154
- nephropexy for, iii. 155
- functional activity, tests for, iii. 142
- hemorrhage from, iii. 154
- infections of, iii. 146
- inflammations of, iii. 146
- injuries of, iii. 144
- hemorrhage in, iii. 144
- infection in, iii. 145
- nephrectomy for, iii. 145
- operative repair, iii. 145
- lavage of, iii. 189
- indications for, iii. 148
- movable, iii. 154
- extracapsular fixation of, iii. 168
- nephropexy in, iii. 154
- operations on, iii. 157
- pain in, iii. 154
- pelvis of, iii. 138
- implantation of ureter into, iii. 180
- inflammation, iii. 147
- papilloma of, iii. 151
- puncture, iii. 163
- valvular obstruction of, operation for, iii. 171
- Kidney, polycystic degeneration of, iii. 151
- preparation of, for operation, i. 180
- pus, iii. 148
- rupture of, iii. 144
- sarcoma of, iii. 151
- septic infarction of, iii. 146
- stone in, iii. 152
- operations in, iii. 153
- tuberculosis of, iii. 149
- nephrectomy in, iii. 149, 167
- tumors of, iii. 151
- wandering, iii. 154
- nephropexy for, iii. 154
- wounds of, iii. 146
- Killian's instruments for tracheoscopy and bronchoscopy, ii. 239
- operation for obliteration of frontal sinus, ii. 202-205
- Kimpton-Brown method of indirect blood transfusion, iii. 817
- Kingsley's interdental splint, in fractures of lower jaw, i. 546
- Klebs-Löffler membranous pharyngitis, ii. 207
- Knapp's expression operation in trachoma, ii. 150
- method of cataract extraction, ii. 171
- operation for pterygium, ii. 150
- for staphyloma, ii. 152
- in secondary cataract, ii. 174
- Knee, iii. 465
- ankylosis of, arthroplasty for, i. 766
- with deformity, bone grafts in, i. 787
- arthrectomy in, 710, 752
- arthrotomy of, i. 756
- bandage of, adducting immobilizing, iii. 770
- mobilizing, iii. 769
- triangular, iii. 792
- congenital relaxation of ligaments, iii. 466
- disarticulation of, by bilateral flaps, iii. 592
- by oblique incision, iii. 593
- by single long flap, iii. 593
- by unequal anteroposterior flaps, iii. 593
- dislocations of, i. 647. See also *Dislocations of knee*.
- erosion of, i. 752
- excision of, i. 749. See also *Excision of knee*.
- housemaid's, i. 819
- hyperplasia of fatty tissue of, iii. 465
- hypertrophy of synovial fringes of, iii. 465
- intractable infections, i. 656
- knock-, iii. 467. See also *Knock-knee*.
- opening of, i. 752
- bisecting patella in, i. 753
- relaxed, i. 686
- resection of, i. 751
- semilunar cartilage of, dislocation of, i. 652
- sprains of, i. 651
- stiffening of, arthrodesis in, i. 739
- tuberculosis of, i. 674. See also *Tuberculosis of knee*.]

- Knee-chest position, iii. 398
 elevated, iii. 398
- Knitting needles for intestinal anastomosis, ii. 677
- Knives, i. 75
 sharpening, i. 90
- Knock-knee, iii. 467
 deformity in, bone-grafts for, i. 787
 epiphyseolysis for, iii. 468
 mechanical treatment, iii. 467
 operative treatment, iii. 468
 osteoclasis for, iii. 468
 osteotomy for, i. 714
- Knots in sutures, preventing slipping of, iii. 809
 tying, methods of, 190
 with one hand, i. 203
- Kocher's incision for operations on gall-bladder and bile-ducts, iii. 119
 method of excision of tongue for carcinoma, ii. 297
 of gastroduodenostomy, ii. 747
 of nephropexy, iii. 168
 of osteoplastic amputation, iii. 526
 of reducing hip dislocations, i. 644
 shoulder dislocations, i. 627
 operation for inguinal hernia, iii. 34
- Koch's tuberculins, i. 257
- Kolle's operation for elongated lobule of nose, iii. 685
 for reducing size of ear, iii. 652
- König's method of osteoplastic rhinoplasty, iii. 670
- Körner's method in radical mastoid operation, ii. 314
- Kraurosis of vulva, iii. 329
- Krause's knife for operations on pituitary body, ii. 87
- Kredel's metal bobbins for scalp operations, ii. 21
- Kromayer's mercury inhalation treatment in syphilis, i. 289
- Krönlein's method of approach to pancreas, ii. 779
 of cerebral localization, ii. 50
 of dividing second and third divisions of fifth nerve in neuralgia, i. 876
- Kuhnt-Szymanowski operation for ectropion, ii. 145
- Kyphosis, ii. 351
- LABARRAQUE'S solution as antiseptic, i. 64
- Labia majora, iii. 323
 minora, iii. 323
 hypertrophy of, iii. 329
- Laboratory, pathologic, i. 167
- Labyrinthine disease, ii. 319
 radical mastoid operation in, ii. 314
 hemorrhage, ii. 319
 involvement following middle-ear suppuration, ii. 320
- Lacerated wounds, i. 219
 of joints, infected, i. 655
 of spleen, ii. 784
- Lacerations of blood-vessels in fractures, i. 524
 of cervix, iii. 334, 362
- Lacerations of corpora cavernosa, iii. 250
 of corpus spongiosum, iii. 250
 of lobe of auricle, plastic operation for, iii. 653
 of perineum, iii. 333
 complete, into rectum, iii. 334
 incomplete, operation for, iii. 336
 intermediary suture, iii. 335
 plastic operation for, iii. 335
 instruments for, iii. 335
 position for, iii. 336
 primary operation for, iii. 333
 rupture of sphincter ani with, iii. 342
 of rectum, old complete, iii. 342
- Lacing, plaster, i. 55
- Lacrimal apparatus, diseases of, ii. 136
 operations on, ii. 177
 canals, atresia of, ii. 136
 enlargement of, ii. 177
 gland, fistula of, ii. 136
 hypertrophy of, ii. 136
 inflammation of, ii. 136
 prolapse of, ii. 136
 removal of, ii. 137, 178
 of palpebral portion, ii. 178
 tumors of, ii. 136
 sac, endonasal operations on, ii. 178
 excision of, ii. 178
 fistula of, ii. 136
 removal of, ii. 136
 sounds, ii. 177
- Lactation mastitis, ii. 473
- Lactic acid bacillus for leukorrhœa, iii. 370
 treatment of infected wounds, i. 241
- Lagophthalmos, ii. 120
- Lagrange's method of combined iridectomy and sclerotomy, ii. 157
- Lambda, ii. 45
- Lambdoid suture, ii. 46
- Lambotte's method of drainage in ascites, ii. 559
- Lamb's wool dressings, i. 42
- Laminectomy, ii. 339
 for paralysis in Pott's disease, ii. 337
 in medullary tumors of spinal cord, ii. 341
 indications for, ii. 339
 lumbar, in meningitis, ii. 70
 osteoplastic, ii. 344
 postoperative case, ii. 343
 results, ii. 343
- Lane's bone plates, i. 507, 508
 operation for cleft palate, ii. 261
 treatment of chronic intestinal stasis, ii. 614
- Langenbeck's cheek-flap operation for excision of upper jaw, i. 722
- Laparotomy, postoperative treatment, ii. 529
 sponges, i. 44
- Laryngeal anesthesia, i. 125
 cartilages, dislocations of, ii. 220
 nerve, recurrent, anatomy, ii. 380
 puncture, anesthesia by, i. 125
- Laryngectomy, after-treatment, ii. 236
 exceptional conditions in, ii. 234
 local anesthesia in, i. 144

- Laryngectomy, one-stage, ii. 231
 partial, ii. 231
 phonation after, ii. 236
 total, ii. 231
 two-stage, ii. 235
- Laryngismus stridulus, ii. 221
- Laryngitis, acute catarrhal, ii. 220
 chronic, ii. 222
 dry, ii. 222
 hypertrophic subglottic, ii. 219
 membranous, ii. 221
 stridulous, ii. 221
 tuberculous, anesthesia in, i. 137
- Laryngoscopy, direct, ii. 240
- Laryngotomy, median, ii. 230
 transverse, ii. 230
- Laryngotracheotomy, ii. 227, 230
- Larynx, ii. 217
 acquired stenosis of, ii. 218
 anatomy, ii. 217
 artificial, Glück's, ii. 236
 burns of, ii. 219
 cancer of, ii. 223
 congenital stenosis of, ii. 218
 contusions of, ii. 219
 examination, ii. 217
 foreign bodies in, ii. 224
 fractures of, ii. 219
 hemorrhage from, ii. 223
 inflammations of, ii. 220
 injuries of, ii. 219
 intubation of, ii. 237. See also *Intubation of larynx*.
 malformations of, ii. 218
 operations on, ii. 217, 226
 local anesthesia for, i. 143
 removal of foreign bodies from, ii. 244
 spasm of, ii. 221
 syphilis of, ii. 223
 treatment, ii. 217
 tuberculosis of, ii. 222
 tumors of, ii. 223
 wounds of, ii. 220
- Lateral curvature of spine, ii. 352. See also *Scoliosis*.
 implantation method of intestinal anastomosis, ii. 665
 intestinal anastomosis, ii. 661, 663
 button method, ii. 671
 forming blind end in, ii. 662
 technic, ii. 663
 perineal cystotomy, iii. 219
 position of Sims, iii. 397
 sinuses of brain, ii. 47
 suture of arteries, i. 373
 tarsorrhaphy, ii. 143
 ventricle of brain, ii. 48
- Lateroflexion of uterus, iii. 385
- Lateroversion of uterus, iii. 385
- Laughing gas anesthesia, i. 117
- Lavage, duodenal, ii. 701
 renal, iii. 189
 indications for, iii. 148
 stomach, ii. 700
 continuous, ii. 701
 contraindications, ii. 701
 in peritonitis, ii. 547, 550
- Lavage, stomach, indications for, ii. 701
 method, ii. 701
- Laxative enemas, ii. 620
- Lee's method of testing donors for transfusion, iii. 814
- Left inguinal colostomy, ii. 686
- Left-sided appendicitis, iii. 101
- Leg, amputation of, iii. 585
 by oblique circular incision, iii. 588
 cineplastic stumps in, iii. 587
 local anesthesia for, i. 146
 nerve blocking in, i. 154
 osteoplastic, by antero-internal flap, iii. 590
 supramalleolar, iii. 587
 through lower third, iii. 587
 through middle third, iii. 588
 through upper third, iii. 589
 with bilateral flaps, iii. 589
 with equal lateral flaps, iii. 589
 with large external flap, iii. 590
- artificial, simple, iii. 613
 bandage of, iii. 772
 cineplastic amputation of, iii. 538
 circumcision of, in varicose veins, i. 452
 eczema of, i. 832
 fractures of, in newborn, i. 531
 gangrene of, in fractures of lower end of femur, i. 595
 measurement of, in traction for fracture, i. 493
 peg-, iii. 614
 tennis, i. 788
 ulcers of, heliotherapy for, iii. 707
- Lembert's simple right-angle stitch in intestinal suture, ii. 631
- Lengthening of tendons, i. 799
 subcutaneous, i. 801
- Lenhartz's treatment of ulcer of stomach, ii. 721
- Lens, crystalline, diseases of, ii. 132
 dislocation of, ii. 134
 extraction of, without incision of capsule, in cataract, ii. 170
 foreign bodies in, ii. 133
- Lentigo, i. 840
- Leontiasis ossea, i. 471; ii. 41
- Lepra, i. 836
- Leprosy, i. 836
 of tongue, ii. 290
- Leptomeningitis, ii. 65
- Leukemia, i. 466; ii. 786
 hemorrhage in, i. 360
 myelogenous, i. 466
 splenic, x-rays in, iii. 705
- Leukocythemic retinitis, ii. 134
- Leukocytosis as factor in surgical treatment, i. 26
 effect of animal fat on, i. 20
- Leukoderma, i. 843
- Leukoplakia of tongue, ii. 289
- Leukorrhoea, iii. 370
 lactic acid bacillus for, iii. 370
- Leverage, artificial, for reducing fractures, i. 476
- Lewisohn's telescoping esophagoscope, ii. 243

Lewisohn's sodium citrate method of blood transfusion, i. 356
 Lexer's operation for umbilical hernia, with purse-string wire suture, iii. 44
 Lichen planus, i. 827
 ruber, i. 827
 Lichenification of skin, radium in, iii. 714
 Ligaments, broad, iii. 325
 crucial, relaxed, i. 653
 ruptured, i. 653
 of knee-joint, congenital relaxation, iii. 466
 of spine, relaxation of, ii. 357
 sprains of, ii. 357
 recto-uterine, iii. 325
 round, iii. 325
 silk, in infantile paralysis with drop-foot, i. 802
 uterosacral, iii. 325
 vesico-uterine, iii. 325
 Ligation, multiple, of varicose veins, i. 452
 of abdominal aorta, i. 426
 of anterior tibial artery, i. 443
 of arteries, i. 49
 in aneurism, i. 382
 materials for, i. 402
 of head, incisions for, i. 404
 of neck, incisions for, i. 404
 technic, i. 401
 of axillary artery, i. 415
 indications for, i. 418
 of brachial artery, i. 418
 of common carotid artery, i. 406
 at inferior carotid triangle, i. 407
 at superior carotid triangle, i. 408
 indications, i. 408
 slow, i. 408
 iliac artery, i. 426
 extraperitoneal, i. 426
 of deep palmar branch of radial artery, i. 426
 of dorsalis pedis artery, i. 445
 of external carotid artery, i. 409
 iliac artery, i. 429
 of facial artery, i. 412
 of femoral artery, i. 431
 for varicose veins, i. 453
 indications, i. 436
 of gluteal artery, i. 430
 of infected veins in puerperal pyemia, iii. 371
 of inferior thyroid artery, i. 410
 of innominate artery, i. 403
 indications, i. 406
 of internal carotid artery, i. 410
 iliac artery, i. 430
 pubic artery, i. 431
 saphenous veins for varicosity, i. 449
 of lingual artery, i. 411
 of middle meningeal artery in extradural hemorrhage, ii. 56
 of occipital artery, i. 412
 of ophthalmic artery, ii. 137
 of popliteal artery, i. 437
 of posterior auricular artery, i. 412
 tibial artery, i. 441
 in middle of leg, i. 442

Ligation of pulmonary artery in bronchiectasis, ii. 420
 of radial arteries, i. 421
 of sciatic artery, i. 431
 of subclavian artery, i. 413
 of superior thyroid artery, i. 411
 of temporal artery, i. 412
 of thyroid gland, ii. 393
 of ulnar artery, i. 424
 of vertebral artery, i. 410
 of wounded arteries, i. 338
 Ligatures, i. 33
 catgut, i. 337
 in hemorrhage, i. 335
 Ligneous induration of neck, ii. 362
 Limbs, amputation of, in newborn in utero, iii. 647
 artificial, iii. 607
 Lindeman's method of indirect blood transfusion, i. 353
 Line, naso-inial, ii. 46
 nasolambdoidal, ii. 45
 Sylvian, ii. 46
 Linea semilunaris, hernia through, iii. 47
 Linear extraction of cataract, ii. 170
 Linen sutures, i. 38
 tendons, i. 801
 Lingual artery, ligation of, i. 411
 nerve, division of, in neuralgia, i. 874
 tonsil, diseases of, ii. 290
 Linitis, plastic, ii. 702
 Lip, absence of, plastic operation for iii. 655
 lower, epithelioma of, excision of lip for, ii. 252
 incomplete operation for, ii. 250
 operations for, iii. 247-254
 resection of lip for, ii. 251
 notched-, operation for, ii. 273
 plastic operations on, iii. 654
 upper, carbuncle of, i. 253
 Lipoma, i. 324
 of abdominal wall, ii. 538
 of brain, ii. 75
 of breast, ii. 475
 of epigastrium, ii. 538
 of peritoneum, ii. 563
 of rectum, iii. 74
 of scalp, ii. 24
 of stomach, ii. 703
 of vulva, iii. 328
 periosteal, i. 709
 Lipomatosis, i. 324
 Lipovaccines, i. 256
 Lips, angioma of, ii. 254
 cellulitis of, ii. 246
 chapped, i. 832; ii. 246
 cystoma of, ii. 254
 eczema of, i. 832
 fissure of, ii. 246
 herpès of, ii. 246
 horny elevations of, ii. 254
 inflammations of, ii. 246
 permanent enlargement of, ii. 255
 protection of, in general anesthesia, i. 100
 tumors of, benign, ii. 254
 ulcers of, ii. 246
 wounds of, ii. 246

Liquid chlorin as antiseptic, i. 64
 Liquor aluminæ acetatis as antiseptic, i. 68
 sodæ chlorinatæ as antiseptic, i. 64
 Lisfranc's operation for disarticulation of toes, iii. 580
 Litholapaxy, iii. 198, 202
 after-treatment, iii. 202
 Bigelow's apparatus for, iii. 199
 evacuator for, iii. 199
 technic, iii. 199
 Lithotrite, Bigelow's, iii. 199
 method of introduction, iii. 230
 Lithotrixy, iii. 198
 after-treatment, iii. 202
 perineal, iii. 203
 Little finger, infections of, iii. 448
 Liver, iii. 105
 abscess of, iii. 109. See also *Abscess of liver*.
 actinomycosis of, iii. 112
 anatomy, iii. 105
 angioma of, iii. 112
 cancer of, iii. 112
 cirrhosis of, iii. 112
 contusion of, iii. 106
 hydatid cyst of, iii. 112
 infections of, iii. 109
 malformations of, iii. 113
 nutmeg, ascites in, ii. 558
 operations on, iii. 109
 prolapse of, iii. 113
 resection of, iii. 112
 rupture of, iii. 106
 spots, i. 840
 suture of, iii. 107
 tuberculosis of, iii. 112
 tumors of, iii. 112
 wounds of, iii. 107
 Living fascia as sutures, i. 38
 Lobule of auricle, cleft, ii. 303
 Local anemia, anesthesia by, i. 155
 anesthesia, i. 127
 adrenalin in, i. 139
 advantages, i. 127
 akoïn in, i. 137
 alypin in, i. 136
 anesthesin in, i. 137
 apothésin in, i. 137
 by arterial infusion, i. 134
 cocain in, i. 134
 cocain-adrenalin in, i. 135
 ethyl chlorid in, i. 154
 eucain in, i. 135
 extraction of teeth by, i. 141
 for abdominal section, i. 149
 for amputations of leg, i. 146
 for appendectomy, i. 150
 for gas ro-enterostomy, i. 150
 for nephrectomy, i. 153
 for operations in femoral hernia, i. 150
 in fracture of patella, i. 147
 in umbilical hernia, i. 150
 on abdominal wall, i. 148
 on anus, i. 152
 on breasts, i. 148
 on bronchi, i. 144
 on cervical lymphatics, i. 145
 on ear, i. 143

Local anesthesia for operations on esophagus, i. 144
 on extremities, i. 130
 on female generative organs, i. 152
 on gall-bladder, i. 150
 on genito-urinary organs, i. 157
 on head, i. 140
 on inguinal hernia, i. 150
 on lower extremities, i. 145
 on nasal cavities, i. 143
 on neck, i. 143
 on palate, i. 143
 on penis, i. 151, 152
 on perineum, i. 151
 on pharynx, i. 143
 on rectum, i. 152
 on scrotum, i. 152
 on testes, i. 152
 on thorax, i. 147
 on thyroid, i. 144
 on toes, i. 147
 on tongue, i. 143
 on trachea, i. 143
 on trigeminal nerve, i. 143
 on upper extremities, i. 145
 on urethra, i. 151
 on uterus, i. 152
 on ventral hernia, i. 150
 for removal of skin grafts, i. 146
 for suprapubic cystotomy, i. 151
 prostatectomy, i. 151
 for tenotomy of tendo Achillis, i. 147
 for thoracoplasty, i. 148
 for thyroidectomy, i. 144
 for tracheotomy, i. 143
 general infiltration in, i. 132
 holocain hydrochlorid in, i. 137
 in endolaryngeal operations, ii. 218]
 in nasal operations, ii. 181
 injection of brachial plexus in, i. 145
 magnesium salts in, i. 138
 methyl chlorid in, i. 154
 nerve injection in, i. 131
 nirvanin in, i. 137
 normal salt solution in, i. 139
 novocain in, i. 136
 of mucous membranes, i. 127
 orthoform in, i. 137
 poisoning in, i. 138
 preparation of patient, i. 129
 propäsin in, i. 137
 quinin and urea hydrochlorid in, i. 137
 scope of, i. 128
 stations in, i. 129
 stovain in, i. 136
 subcutin in, i. 137
 technic, i. 129
 thymol in, i. 137
 tropocain in, i. 136
 venous infusion in, i. 132
 anesthetics, i. 134
 Localization, cerebral, Krönlein's method, ii. 50
 craniocerebral, ii. 48
 Chipault's method, ii. 48, 49
 Reid's method, ii. 49
 Locke's solution, i. 58

Lock-finger, iii. 456
 Locomotor ataxia, salvarsan in, i. 294
 sciatica in, i. 879
 Loose bodies in hip-joint, iii. 463
 in joints, i. 653
 Lop-ear, plastic operations for, iii. 652
 Lordosis, ii. 352
 Lorenz's method of manual correction of
 club-foot, iii. 474
 after-treatment, iii. 476
 dressing after, iii. 475
 technic, iii. 475
 reclining plaster-bed in Pött's disease,
 ii. 327
 Loreta's method of pylorodiosis, ii. 737
 Lothrop's operation in empyema of frontal
 sinuses, ii. 199
 Lousiness, i. 848
 Lovett's splint in tuberculosis of hip, i. 671
 Low inguinal sigmoidostomy, ii. 690
 tracheotomy, ii. 228
 Lower bronchoscopy, ii. 243
 extremities, iii. 462
 amputations of, iii. 570
 bandages for, iii. 767
 fractures of, iii. 462
 inflammations of, iii. 462
 operations on, local anesthesia for,
 i. 145
 prosthetic apparatus for, iii. 611
 motor, iii. 611
 tumors of, iii. 462
 jaw, underdeveloped, ii. 280
 lip, epithelioma of, excision of lip for, ii.
 252
 incomplete operation for, ii. 250
 operations for, ii. 247-254
 resection of lip for, ii. 251
 Lowering of head in hemorrhage, i. 344
 Lubricant, Irish moss, i. 58
 Lubrication of bladder instruments, iii. 183
 Ludwig's angina, ii. 362
 Lues. See *Syphilis*.
 Lumbago, ii. 350
 Lumbar abscess in Pott's disease, ii. 337
 colostomy, ii. 695
 hernia, iii. 47
 laminectomy in meningitis, ii. 70
 puncture, dangers of, in brain tumors, ii.
 77
 in basal fractures of skull, i. 536
 in brain operations, ii. 51
 in epidemic cerebrospinal meningitis, ii.
 67
 in noninfective meningeal effusion, ii.
 68
 in spinal anesthesia, i. 158
 in tuberculous meningitis, ii. 68
 route for exposure of kidney, iii. 157
 incision for, iii. 157
 position for, iii. 158
 vertebræ, dislocations of, i. 622
 Lumbar's nasal tubes for ether anesthesia,
 i. 110, 111
 Lumbosacral pain, ii. 350
 Lungs, ii. 413
 abscess of, acute, ii. 414

Lungs, abscess of, chronic, ii. 415
 rupturing into bronchus, 415
 cysts of, echinococcus, ii. 445
 decortication of, in chronic non-tubercu-
 lous empyema, ii. 410
 gangrene of, ii. 415
 hypostatic congestion of, in fractures, i.
 525
 insufflation of, ii. 446
 apparatus for, ii. 447
 operations on, ii. 453
 operative exposure of, ii. 453
 in two stages, ii. 456
 of apex, ii. 456
 resection of, in tuberculosis, ii. 416
 rupture of, ii. 413
 tuberculosis of, ii. 416. See also *Tuber-
 culosis*.
 tumors of, ii. 445
 wounds of, suturing of, ii. 414
 with penetration of chest wall, ii. 413
 with pleural infection, ii. 414
 Lupus erythematosus, i. 841
 radium in, iii. 713, 714
 x-rays in, iii. 704
 Finsen rays in, iii. 707
 heliotherapy for, iii. 707
 of pharynx, ii. 207
 vulgaris, i. 837
 x-rays in, iii. 704
 Luxations of tendons of quadriceps femoris
 muscle, i. 812
 Lymph nodes, malignant metastases in, i. 466
 Lymphadenitis, i. 461
 acute, i. 461
 chronic, i. 461
 of groin, iii. 459
 tubercular, i. 461
 Lymphadenoma, malignant, i. 464
 x-rays in, i. 465
 Lymphangiectasis, i. 464
 Lymphangioma, i. 464
 Lymphangioplasty, i. 462
 Lymphangitis, i. 460
 Lymphatic cysts of neck, ii. 372
 drainage, i. 463
 nevus, i. 464
 nodular keratoconjunctivitis, ii. 125
 obstruction, i. 462
 operative procedures for, i. 462
 Lymphatics, i. 460
 cervical, operations on, local anesthesia
 for, i. 145
 of axilla, ii. 472
 of breast, ii. 472
 of neck, anatomy of, ii. 363
 carcinoma of, ii. 363
 diseases of, ii. 363
 of stomach, ii. 699
 rupture of, i. 460
 varicose, i. 464
 wounds of, i. 460
 Lymphedema, i. 462
 in fractures, i. 524
 Lymph-glands of neck, tuberculous, ii. 368
 non-surgical treatment, ii. 369
 operation for, ii. 370

- Lymphoma, infective, i. 464
 x-rays in, i. 465
 of neck, malignant, ii. 377
 Lymphorrhagia, i. 460
 Lysol, i. 66
- MACEWEN'S osteotome, i. 712
- Mac Lennan's method of skin-grafting, iii. 644
- Macrocheilia, ii. 255
- Macroglossia, i. 464; ii. 290
- Macrostoma, plastic operation for, iii. 655
- Madura foot, i. 273
- Magnesite dressings, i. 57
- Magnesium hypochlorite method for infected wounds, i. 247
- rings, absorbable, for suture of arteries, i. 376
- salts as local anesthetic, i. 138
- sulphate for infected wounds, iii. 810
- for inflammations, i. 234
- in tetanus, i. 268
- intraspinal injection, i. 161
- intravenous general anesthesia with, i. 164
- treatment of infected wounds, i. 248
- Main en griffe, iii. 455
- Malar bone, fractures of, i. 540
- Malarial hypertrophy of spleen, ii. 785
- Male, impotence in, iii. 321
- sterility in, iii. 322
- Malformations of auricle, ii. 303
- of larynx, ii. 218
- of liver, iii. 113
- of nasal septum, ii. 188
- of trachea, ii. 218
- of vagina, iii. 357
- Malgaigne's method for excision of upper jaw, i. 722
- Malignant emphysema, i. 270
- gangrene, i. 270
- glaucoma, ii. 132
- tumors. See *Cancer*.
- ulcers, i. 315
- Malleolus, fractures of, bone grafts in, i. 516
- Mallet-finger, iii. 455
- Malleus, ii. 299
- Malocclusion of jaws with prognathism, ii. 283
- of lower jaw, ii. 281
- Malposition of joints, i. 682
- artificial hyperemia in, i. 686
- elastic traction in, i. 685
- gradual manual correction, i. 683
- operative correction, i. 686
- rapid manual correction, i. 684
- splints in, i. 684
- traction by weights in, i. 684
- of puncta lacrimalia, ii. 136
- Mammary artery, internal, wounds of, ii. 398
- Manipulation for club-foot, iii. 460
- Manson's method of draining liver abscess, iii. 111
- Manubrium, dislocations of, i. 549
- Many-armed bandage, iii. 782
- Marjolin's ulcer, i. 315
- Marsden's paste in cancer, i. 331
- Martin's bandage, for inflammation, i. 229
- operation for obstructive aspermia, iii. 311
- treatment of varicose ulcers, i. 311
- Mask, chloroform, extemporized, i. 88
- for facial wounds, iii. 686
- operation, i. 50
- Massage, cardiac, for syncope, ii. 430
- in chronic inflammation, i. 249
- in coccygodynia, ii. 358
- in flat-foot, iii. 486
- in fractures, i. 500
- of heart in general anesthesia, i. 99
- resuscitation by, iii. 821
- of prostate for prostatitis, iii. 230
- suction-traction, in chronic inflammation, i. 250
- vibratory, iii. 715
- in neuralgia, i. 864
- Mass-ligature in hemorrhage, i. 337
- Mastitis, acute, ii. 473
- chronic, ii. 474
- cystic, ii. 474
- of male breast, ii. 497
- interstitial, chronic, ii. 474
- lactation, ii. 473
- stagnation, ii. 473
- Mastoid antrum, ii. 299
- cells, ii. 299
- operation, ii. 316, 317
- first change of dressing, ii. 318
- indications for, in acute otitis media, ii. 308
- on babies, ii. 318
- radical, ii. 312
- in labyrinthine disease, ii. 314
- indications for, in chronic suppurative otitis media, ii. 311
- Körner's method, ii. 314
- Panse's method in, ii. 315
- technic, ii. 312
- Mastoiditis, acute, operation for, ii. 317
- chronic, operation for, ii. 316
- radical, ii. 312. See also *Mastoid operation, radical*.
- Matas' splint in fractures of lower jaw, i. 545
- Mattress suture, i. 195
- end-to-end intestinal anastomosis with, ii. 651
- Maunsell's invagination method of end-to-end intestinal anastomosis, ii. 654
- Maxilla, inferior condyloid point of, ii. 45
- Maxillary antrum, acute catarrhal inflammation of, ii. 195
- chronic catarrhal inflammation of, ii. 195
- drainage of, ii. 195
- empyema of, ii. 195
- foreign bodies in, ii. 197
- free opening of, ii. 196
- mouth and, closure of sinuses between, ii. 197
- obliteration of, ii. 196
- tumors of, ii. 197
- sinus, ii. 179

- Maydl's operation for exstrophy of bladder, iii. 204
- Mayer's operation in osteomyelitis of spine, ii. 326
- Mayo Clinic organization, iii. 798
- Mayo Robson's combined vertical and oblique incision for operations on bile tract, iii. 120
- Mayo's method of posterior gastro-enterostomy, ii. 767
operation for hallux valgus, iii. 491
for vesicovaginal fistula, iii. 348
- McBurney's intramuscular gridiron incision for abdominal section, ii. 510
point, ii. 510
- McDill's method of partial excision of liver, iii. 109
- McDonald's solution, as antiseptic, i. 70
- McDowell's operation of ovariectomy, iii. 431
- McGraw's rubber ligature method of intestinal anastomosis, ii. 675
- Meatotomy for stricture of urethra, iii. 288
- Meatus, external urinary, iii. 248
inferior, of nose, ii. 179
middle, of nose, ii. 179
superior, of nose, ii. 179
- Median abdominal section, ii. 510
low, by superficial transverse incision, ii. 513
fistulae of neck, ii. 372
laryngotomy, ii. 230
nerve, injuries of, i. 897
perineal cystotomy, iii. 219
tarsorrhaphy, ii. 143
- Mediastina, ii. 444
exposure of, anterior, ii. 458
by median division of sternum, ii. 459
posterior, ii. 459
operations on, ii. 458
with increased intrapulmonary pressure, ii. 446
- Mediastinotomy, cervical, in esophageal abscess, ii. 433
- Mediastinum, abscess of, ii. 444
anterior, ii. 458
infections of, ii. 444
middle, ii. 458
posterior, ii. 458
superior, ii. 458
tumors of, ii. 446
- Medical diseases, natural tendency of, i. 17
- Medicated gauze, i. 39
- Mediocarpal joint, dislocations of, backward, i. 638
forward, i. 638
- Medullary fibroma of bones, i. 709
tumors of spinal cord, extrusion treatment, ii. 342
laminectomy in, ii. 341
- Megacolon, ii. 614
- Megalopenis, ii. 254
- Meibomian cyst, ii. 120
- Meltzer's method of insufflation of lungs, ii. 447
- Members, avulsion of, i. 224
- Membrane, Cargile, i. 74
tympenic, ii. 299
operations through, in chronic otitis media, ii. 311
wounds of, ii. 301
- Membranous cystitis, iii. 193
laryngitis, ii. 221
pericolitis, ii. 602
pharyngitis, Klebs-Löffler, ii. 207
rhinitis, ii. 186
stomatitis, ii. 247
tonsillitis, ii. 212
urethra, iii. 249
- Mencièrè's embalming treatment of infected wounds, iii. 812
- mixture as antiseptic, i. 70
in gas bacillus infection, i. 271
- Menge's pessary for uterine prolapse, iii. 376
- Ménière's disease, ii. 319
- Meningeal artery, middle, ii. 47
ligation of, in extradural hemorrhage, ii. 56
effusion, noninfective, ii. 68
sinuses, injuries of, ii. 64
- Meninges, diseases of, ii. 65
tumors of, ii. 75
wounds of, ii. 61
- Meningitis after brain operations, hexamethylenamin to prevent, ii. 52
epidemic cerebrospinal, ii. 67
carriers in, ii. 67
Flexner's treatment, ii. 67
intravenous serum treatment, iii. 820
lumbar puncture in, ii. 67
lumbar laminectomy in, ii. 70
of otic origin, ii. 66
operative treatment, ii. 69
subdural, ii. 65
pyogenic organisms in, ii. 66
syphilitic, ii. 68
tuberculous, ii. 68
- Meningocele, ii. 92, 349
spurious, ii. 25
- Menorrhagia, iii. 396
- Menstruation, function of, preservation of, in diseases of Fallopian tubes, iii. 430
painful, iii. 394
- Mental state of patient as factor in surgical treatment, i. 24
- Mercurial bath in syphilis, i. 289
ulcers of tongue, ii. 290
- Mercurialized serum in syphilis, i. 289, 295
- Mercuric chlorid as antiseptic, i. 59
poisoning, iii. 806
- Mercuriophen as antiseptic, i. 59
- Mercury bichlorid as antiseptic, i. 59
for dilatation of esophageal stricture ii. 435
in syphilis, i. 284, 285
benzoate, iii. 814
by injection, i. 289
bichlorid, i. 285
by bath, i. 289
by inunctions, i. 286
by mouth, i. 285

- Mercury in syphilis, chlorid, injection of, i. 288
 intravenously, i. 289
 dosage, i. 285
 intramuscular injections, i. 286
 iodid by injection, i. 289
 methods of administration, i. 285
 ointment, i. 286
 oleate, 286
 regulation of dose, i. 286
 salicylate, by injection, i. 286
 salvarsan following, iii. 814
 sites for injection, i. 287, 288
 technic for injection, i. 288
 yellow iodid, i. 285
- Mesenteric blood-cysts, ii. 564
 cysts, ii. 564
 triangle, ii. 625
 tumors, ii. 563, 564
 vein, superior, anastomosis of, with vena cava, in ascites, ii. 563
 vessels, stoppage of, gangrene of intestines from, ii. 609
- Mesentery, long, chronic intestinal obstruction from, ii. 610
 wounds of, ii. 568
 nonperforating wounds of intestine with, ii. 568
- Mesocolon, elongated, ii. 616
 transverse, involvement of, in gastric cancer, ii. 705
- Mesothorium, iii. 709
- Mesovarium, iii. 326
- Metacarpal bone, amputation of, with finger, iii. 551
 fifth, amputation of, with little finger, iii. 551
 disarticulation of, with little finger, iii. 552
 first, amputation of, with thumb, iii. 551
 disarticulation of, with thumb, iii. 552
 second, disarticulation of, with first finger, iii. 552
 bones, disarticulation of, at carpometacarpal joint, iii. 554
 with fingers, iii. 552
 excision of, i. 731
 four inner, amputation of, with fingers, iii. 551
 fourth and fifth, amputation of, with fingers, iii. 551
 fractures of, i. 579
 of fingers, disarticulation of, iii. 553
 resection of, i. 731
 second and third, disarticulation of, with fingers, iii. 552
 third and fourth, disarticulation of, with fingers, iii. 553
 third, fourth and fifth, disarticulation of, with fingers, iii. 553
 or fourth, disarticulation of, with fingers, iii. 552
 three inner, amputation of, with fingers, iii. 551
 joints, arthritis of, iii. 450
 tuberculosis of, i. 680
- Metacarpophalangeal joint of fingers, disarticulation of, iii. 546
 of index finger, disarticulation at, iii. 549
 of little finger, disarticulation at, iii. 550
 of thumb, disarticulation at, iii. 548
- Metallic bands in fractures, i. 506
 bodies in wounds, microphone for removal, i. 224
 braces in Pott's disease, ii. 333
 plates in fractures, i. 507
- Metastases, malignant, in lymph-nodes, i. 466
- Metatarsal arch of foot, weakness of, iii. 490
 bone, amputation of great toe with all of, iii. 578
 of little toe with all of, iii. 578
 of toes with part of, iii. 576
 bones, all, amputation of all toes with part of, iii. 577
 disarticulation of all toes with, iii. 580
 of two or more adjacent toes with, iii. 579
 dislocations of, i. 649
 excision of, i. 737
 fractures of, i. 608
 joints, tuberculosis of, i. 680
- Metatarsalgia, anterior, iii. 490
- Metatarsophalangeal bursa, inflammation of, iii. 493
 joint, iii. 575
 disarticulation of all toes at, iii. 575
 of great toe at, iii. 573
 of more than two toes at, iii. 574
 of smaller toes at, iii. 574
 first, excision of, i. 755
- Meteorism after abdominal operations, ii. 532
- Methyl chlorid as local anesthetic, i. 154
 ether anesthesia, i. 118
 violet as antiseptic, i. 71
- Methylal anesthesia, i. 118
- Methylene bichlorid anesthesia, i. 118
 ether anesthesia, i. 118
- Methylene-blue as urinary antiseptic, iii. 142
 in acute anterior gonorrhoea, iii. 280
 in inoperable tumors, i. 332
- Metritis, acute, iii. 370
 chronic, iii. 372
- Metrorrhagia, iii. 396
- Meyer's cystoscope for intravesical operations, iii. 197
 method of resection of cardiac end of stomach, ii. 758
 operation in cardiospasm, ii. 716
 pneumatic cabinet for negative and positive pressure in thoracic surgery, ii. 457
 transverse abdominal incision, ii. 508
- Michel clamp for wounds, i. 187, 189
- Micrococcus catarrhalis vaccines in ozena, ii. 188
- Micropenis, iii. 254
- Microphone for removal of metallic bodies in wounds, i. 224

- Microstoma, plastic operation for, iii. 656
- Middle ear, ii. 306
 curettage of, in chronic suppurative otitis media, ii. 311
 inflammation of, acute, ii. 306. See also *Otitis media, acute*.
 fingers, infections of, iii. 447
- Midsagittal point, ii. 45
- Midzygomatic point, ii. 45
- Mikulicz's gauze envelope drain in abdominal operations, ii. 526
 method of pyloroplasty, ii. 740
- Milium, i. 845
- Milk and molasses enema, ii. 620
 fistula, ii. 474
- Milliner's needle for intestinal suture, ii. 627
- Miotics, use of, ii. 118
- Miscarriage, retroversion of uterus from, iii. 388
- Missing tendon, i. 804
- Mixed enema, ii. 620
- Mixed-cell sarcoma of bones, i. 709
- Moan, expiratory, in abdominal operations, iii. 61
 inspiratory, in rectal operations, iii. 61
- Mobility of testicle, iii. 307
 abnormal, iii. 307
- Mobilizing bandage of elbow, iii. 759
 of knee, iii. 769
- Moist gangrene, i. 317
 heat method for catgut, i. 36
- Molasses and milk enema, ii. 620
- Mole, i. 842
- Moles of face, ii. 115
- Moleskin plaster, i. 54
- Molluscum contagiosum, i. 837
- Momburg and Busch's cosmetic treatment of facial paralysis, iii. 687
- Momburg's belt constriction in hemorrhage, i. 363
 in postpartum hemorrhage, i. 365
- Monocular cataract, ii. 133
- Mons veneris, iii. 323
- Moore-Corradi treatment of aneurism, i. 382
- Morcellement, nephrectomy by, iii. 167
 vaginal hysterectomy by, iii. 414
- Morestin's mixture in gas bacillus infection, i. 271
- Moriarty's interdental splint in fractures of jaw, i. 546
- Morison's bismuth paste in infected wounds, i. 248
 magnesium sulphate treatment of infected wounds, iii. 810
- Morley's bandage for eye, iii. 780
- Morphin after abdominal operations, ii. 531
 before general anesthesia, i. 92
 in inoperable tumors, i. 332
 narcosis, i. 123
- Morton's disease of foot, iii. 490
 operation for obstructive aspermia, iii. 311
 universal scarf bandage, iii. 793
- Mosetig-Moorhof's method of filling bone cavities, i. 705
- Mosquitoes, bites of, i. 275, 276
- Motais' operation for ptosis of eyelids, ii. 142
- Mother, syphilitic, treatment during pregnancy, i. 301
- Mother's marks, i. 453
- Motor area of brain cortex, anatomy, ii. 44
 electric reaction of, testing for, ii. 51
 club in cineplastic amputation, iii. 531
 electric, for bone-grafting, i. 691
 loop in cineplastic amputation, iii. 530
 prosthetic apparatus for lower extremities, iii. 611
 for upper extremities, iii. 607
 stump in cineplastic amputation, iii. 529
- Mouse-tooth forceps, i. 75
- Mouth, ii. 244
 abnormally large, plastic operation on, iii. 655
 small, plastic operation for, iii. 656
 administration of liquid anesthetics by, iii. 807
 examination of, ii. 245
 hemostasis in, ii. 245
 hygiene of, ii. 245
 inflammations of, ii. 246
 insect bites on, ii. 247
 maxillary antrum and, closure of sinuses between, ii. 197
 operations on, anesthesia in, ii. 245
 plastic operations on, iii. 655
 preparation of, for operation, i. 180
- Mouth-gag, ii. 245
 for general anesthesia, i. 95
- Mouth-to-mouth inflation for resuscitation, iii. 730
- Movable joints, prosthetic apparatus with, without cineplastic stumps, iii. 608
 kidney, iii. 154
 extracapsular fixation of, iii. 168
 nephropexy for, iii. 154
- Moving unconscious patients, i. 184
- Moynihan's angular clamp for pyloroplasty, ii. 747
 cream as antiseptic, i. 72
 method in intestinal suture, ii. 628
- Mucocele of maxillary antrum, ii. 197
- Mucosa suture of intestine, ii. 635
- Mucous membrane grafting, iii. 644, 647
 local anesthesia of, i. 127
 of cheek, plastic operation for defect of, iii. 665
 turning in skin surface to take place of, in plastic operations, iii. 635
 patches in syphilis, treatment, i. 302
- Mucus in trachea after operation, i. 227
- Mueller's operation in osteomyelitis, i. 701, 702
- Murphy's button, Jack's adaptation, for bladder drainage, iii. 221
 method of intestinal anastomosis, ii. 667
 incision in arthroplasty of hip, i. 764
 treatment of gonorrheal arthritis with formalin-glycerin injections, iii. 806
- Muscae volitantes, ii. 134
- Muscle flaps in amputation, iii. 512
 implantation in empyema, ii. 411
- Muscles, i. 788

- Muscles, actinomycosis of, i. 792
 cicatrix of, i. 791
 contractured, i. 793
 contusions of, i. 788
 degeneration, i. 792
 ischemic, i. 793
 gangrene of, i. 791
 grafting of, in paralysis, i. 795
 hernia of, i. 789
 in hemorrhage, i. 342
 infections of, i. 791
 lacerated, in fractures, i. 524
 moving forearm, i. 892
 hand, i. 893
 scapula and arm, i. 892
 of eye, ii. 116
 disorders of, ii. 135
 operations on, ii. 174
 paralysis of, ii. 135
 paralysis of, i. 795
 rubber prosthesis in, i. 796
 rupture of, i. 788
 in dislocations, i. 612
 old, i. 789
 spasticity of, alcohol injections in, i. 795
 syphilis of, i. 792
 tuberculosis of, i. 792
 tumors of, i. 792
 wounds of, i. 791
 Muscular paralysis, ischemic, iii. 453
 spasm after fractures, i. 525
 Musculoperiosteal flaps in amputation, iii. 508
 Musculospiral nerve, injuries to, i. 896
 Museums of security, iii. 722
 Muslin bandages, i. 55
 protective, oiled, 54
 Mycetoma, i. 273
 Mycosis fungoides, i. 838
 x-rays in, iii. 705
 of external auditory canal, ii. 304
 of nasopharynx, ii. 208
 of tonsils, ii. 212
 Mycotic stomatitis, ii. 246
 Mydriatics in glaucoma, ii. 118
 use of, ii. 117
 Myelocystocele, ii. 349
 Myelogenous leukemia, i. 466
 Myeloid sarcoma of gums, ii. 280
 of jaws, ii. 286
 Myeloma, i. 324
 Myelomeningocele, ii. 349
 Myoma, i. 324
 of prostate, iii. 246
 of rectum, iii. 74
 of stomach, ii. 703
 of uterus, radium in, iii. 712
 Myorrhaphy, i. 788
 Myositis, infective, i. 791
 ossificans, i. 792
 chronic, i. 792
 traumatic, i. 792
 Myxochondrosarcoma of bones, i. 709
 Myxoma, i. 324
 of bones, i. 709
 of brain, ii. 75
 of breast, intracranicular, ii. 475
- NAIL extension in fractures, i. 495
 finger-, hemorrhage under, iii. 457
 Nailing in fracture, i. 506
 Nails, atrophy of, i. 848
 callosity of matrix, i. 848
 diseases of, i. 846
 hypertrophy of, i. 848
 infective inflammation under skin, i. 848
 inflammation of, i. 848
 injuries of, i. 847
 tuberculosis about, i. 848
 Naphthalin as antiseptic, i. 71
 Napier's brace for bow-legs, iii. 466
 Narcosis chart, i. 96
 morphin, i. 123
 paralyses of brachial plexus, i. 895
 scopolamin, i. 124
 Narcotic agents, hypodermic, i. 123
 Nasal boil, i. 273
 bones, fractures of, i. 539
 hematoma in, i. 539
 lateral displacement in, i. 539
 rubber tube splint in, i. 539
 cartilage, transplanting of, ii. 192
 cavities, infections of, ii. 186
 operations on, local anesth sia for, i. 143
 duct, occlusion of, ii. 136
 infections, specific, ii. 188
 septum, ii. 179
 anatomy, ii. 89
 deflections of, ii. 188
 forceps, ii. 191
 fractures of, i. 540
 malformations of, ii. 188
 perforation of, ii. 195
 plastic operation for restoration of, iii. 680
 submucous resection of, ii. 190
 speculum, ii. 181
 splints, ii. 180
 synechia, ii. 195
 Nasion, ii. 45
 Naso-inial line, ii. 46
 Nasolambdoidal line, ii. 45
 Nasopharyngitis, hyperplastic, ii. 205
 syphilitic, ii. 205
 Nasopharynx, actinomycosis of, ii. 208
 adenoids of, ii. 208. See also *Adenoids*.
 exposure of, ii. 216
 fibromata of, ii. 208
 glanders of, ii. 208
 herpes of, ii. 208
 keratosis of, ii. 208
 mycosis of, ii. 208
 operations on, ii. 205
 through upper jaw to reach, i. 723
 tumors of, ii. 208
 Nausea after abdominal operations, ii. 531
 after operation in appendicitis, iii. 101
 Navy ointment to prevent gonorrh a, iii. 279
 Neck, ii. 360
 abscess of, ii. 361
 anatomy of, i. 405
 and axilla, bandage of, iii. 753
 and head, bandages of, iii. 742

- Neck, arteries of, ligation of, incisions for, i. 404
 bandage of, iii. 742
 simple, iii. 750
 thyroid, iii. 750
 branchial cysts of, ii. 372
 fistulæ of, ii. 372
 burns of, ii. 373
 bursal cysts of, ii. 372
 cancer of, extensive recurrent, ii. 494
 secondary, ii. 372
 cellulitis of, ii. 361
 superficial, ii. 362
 congenital cysts of, ii. 372
 cysts of, ii. 372
 echinococcus cysts of, ii. 372
 emphysema of, ii. 361
 general injuries of, ii. 360
 hemorrhagic cysts of, ii. 372
 infective processes in, ii. 361
 ligneous induration of, ii. 362
 lymphatic cysts of, ii. 372
 lymphatics of, anatomy of, ii. 363
 carcinoma of, ii. 363
 diseases of, ii. 363
 lymphoma of, malignant, ii. 372
 median fistulæ of, ii. 372
 nerves of, wounds of, ii. 360
 operations on, local anesthesia for, i. 143
 prevention of shock, i. 215
 stiff, ironing for, ii. 373
 tuberculous lymph-glands of, ii. 368
 non-surgical treatment, ii. 369
 technic of operation for, ii. 370
 tumors of, ii. 372
 solid, ii. 372
- Necrosis from paraffin prosthesis, iii. 692
 of bones, i. 468
 in fractures, i. 525
 of hand, iii. 450
 of costal cartilages, ii. 398
 of jaws, ii. 286
 of pancreas, ii. 782
 of ribs, ii. 398
 of tendons, iii. 450
- Needle operation for cataract, ii. 169
- Needles, i. 79
 curved, how to make, iii. 807
 holders for, i. 79
 method of threading, i. 191
 used for intestinal suture, ii. 627
- Neff's clamp in aneurism, i. 384
- Negro, susceptibility of, to disease, i. 18
- Nélaton's method of cartilaginous support
 in rhinoplasty, iii. 671
 of partial rhinoplasty with osteoplastic
 flap, iii. 678
- Neosalvarsan in inoperable cancer, i. 332
 in syphilis, by enteroclysis, i. 297
 oil injections of, i. 297
- Nephralgia, iii. 154
- Nephrectomy, iii. 165
 by morcellement, iii. 167
 for injuries of kidney, iii. 145
 for tuberculosis, iii. 167
 of kidney, iii. 149
 local anesthesia for, i. 153
- Nephrectomy, nerve blocking in, i. 153
 partial, iii. 167
 transperitoneal, iii. 167
- Nephritic retinitis, ii. 134
- Nephritis, decapsulation for, iii. 146
- Nephrolysis, iii. 170
- Nephropexy, iii. 168
 for movable kidney, iii. 155
- Nephrotomy, iii. 163
 silver wire suture in, iii. 164
- Nerves, i. 850
 anterior tibial, injuries, i. 898
 auditory, injuries and diseases of, i. 890
 blocking of, i. 152
 alcohol injections for, i. 864
 in amputation of leg, i. 154
 in nephrectomy, i. 153
 preliminary, in amputation, iii. 512
 bridging of, i. 855
 autoplasmic, i. 855
 heteroplasmic, i. 855
 cervical, injuries and diseases, i. 890
 circumfl. x, injuries, i. 896
 compression of, i. 851
 contusions of, i. 851
 difficulty in identifying, i. 850
 diseases of, as factor in operation, i. 182
 efferent, i. 861
 external popliteal, injuries, i. 898
 facial. See *Fifth nerve*.
 grafting of, i. 857
 in facial paralysis, i. 882
 results, i. 859
 hypoglossal, injuries and diseases, i. 893
 implantation of, i. 857
 results, i. 859
 injections into, in local anesthesia, i. 131
 injuries to, in dislocations, i. 611
 in fractures, i. 524
 intercostal, injuries, i. 897
 intracranial, injuries of, ii. 63
 median, injuries, i. 897
 mixed, i. 861
 musculospiral, injuries, i. 896
 of neck, wounds of, ii. 360
 of stomach, ii. 700
 of upper extremities, injuries to, i. 896
 operations on, i. 852
 optic, diseases of, ii. 135
 phrenic, injuries and diseases, i. 891
 pneumogastric, injuries and diseases, i. 891
 pressure on, anesthesia by, i. 155
 recurrent laryngeal, anatomy, ii. 380
 injuries and diseases, i. 892
 roots of, anesthetic injection of, 152.
 See also *Nerves, blocking of*.
 relation of, to spine, ii. 323
 sciatic, injuries, i. 898
 spinal accessory, diseases and injuries, i. 890
 resection of, in torticollis, ii. 376
 posterior roots of, division of, ii. 344.
 See also *Rhizotomy*.
 operations on, ii. 344
 stretching of, i. 860
 in sciatica, i. 879

- Nerves, suture of, i. 853
 primary, i. 853
 secondary, i. 853, 854
 time required to regain function after, i. 850
 transplantation of, autoplasmic, i. 856
 heteroplasmic, i. 857
 homoplasmic, i. 857
 treatment of, in amputation, iii. 511
 tumors of, i. 880
 ulnar, injuries, i. 897
- Nettle-rash, i. 827
- Neumann's operation in middle-ear disease with labyrinthine involvement, ii. 321
- Neuralgia, i. 862
 alcohol injections in, i. 864
 brachial, i. 896
 causes, i. 863
 cervico-occipital, i. 890
 coccygeal, ii. 357
 alcohol injections in, ii. 358
 massage in, ii. 358
 removal of coccyx for, ii. 358
 drug treatment, i. 863
 facial, intracranial operations on fifth nerve for, ii. 115
 galvanism in, i. 864
 intercostal, i. 897
 local hyperemia in, i. 864
 neurectomy in, i. 871
 of breast, ii. 473
 of facial nerve, i. 877
 operative treatment, i. 865
 osmic acid injections in, i. 864
 oxygen injections in, i. 865
 percutaneous injections in, i. 864
 posttherapeutic, i. 865
 rhizotomy for, ii. 346
 slow avulsion in, i. 871
 trifacial, i. 865
 alcohol injections in, i. 866
 in first division, i. 867
 in Gasserian ganglion, i. 869
 in second division, i. 867
 in third division, i. 868
 results, i. 870
 division of auriculotemporal nerve in, i. 874
 of fifth nerve in, at entrance to bone, i. 873
 of lingual nerve in, i. 874
 of second and third divisions of fifth nerve in, i. 876
 of second division of fifth nerve at foramen rotundum in, i. 872
 third division of fifth nerve in, i. 873
 at base of skull, i. 874
 by temporary resection of zygoma, i. 875
 vibratory massage in, i. 864
- Neuralgic ulcers, i. 313
- Neurasthenia, surgical treatment, ii. 105
 traumatic, ii. 103
- Neurectasy, i. 860
- Neurectomy, i. 861
 in neuralgia, i. 871
 phrenic, in bronchiectasis, ii. 420
- Neuritis, i. 861
 acute infective, i. 862
 irritative, i. 862
 autotoxic, i. 862
 chronic, i. 862
 non-infective, i. 862
 orbital optic, ii. 135
 syphilitic, i. 862
 toxic, i. 862
 traumatic, 862
- Neurofibroma, i. 324
- Neurofibromatosis, multiple, of scalp, ii. 24
- Neurolysis, i. 851
- Neuroma, i. 324
- Neuromimesis of joints, i. 681
- Neuroparalytic keratitis, ii. 126
- Neuropathic contractions of hand and fingers, iii. 453
 paralysis of facial nerve, i. 881. See also *Facial paralysis*.
- Neurorrhaphy, i. 853
 primary, i. 853
 secondary, i. 853, 854
 time required to regain function after, i. 854
- Neuroses of skin, i. 843
 posttraumatic, ii. 102
 surgical treatment, ii. 105
- Neurotic spine, ii. 355
- Neurotomy, i. 861
- Neve and Bost's method of resuscitation by heart massage, iii. 821
- Nevus, i. 325
 capillary, i. 453
 lymphatic, i. 464
 of abdominal wall, ii. 538
 of breast, ii. 475
 of face, ii. 115
 of scalp, ii. 25
 and face, iii. 714
 pigmentosus, i. 842
 vascular, radium in, iii. 714
- Newborn, amputation of limbs of, in utero, iii. 697
 brachial paralysis in, iii. 696
 cephalhematoma in, iii. 694
 dislocations in, iii. 696
 erysipelas in, i. 263
 fractures in, i. 529; iii. 695
 of clavicle, i. 530
 of femur, i. 530; iii. 696
 of forearm, i. 531
 of humerus, i. 529
 of leg, i. 531
 of trachea, iii. 696
 heart failure of, ii. 430
 hemorrhage in, spastic paralysis from, iii. 697
 inguinal hernia in, iii. 18
 injuries of, iii. 694
 of bones of skull, iii. 695
 intracranial hemorrhage in, ii. 60; iii. 694
 craniotomy in, ii. 61
 operations on, iii. 694
 simple indentation of skull in, iii. 695
 syphilitic, treatment, i. 301
 wounds of, iii. 697

- New growths. See *Cancer*.
- Newman's apparatus for proctoclysis, iii. 57
- Nicholas' operation in osteomyelitis, i. 695
- Nicoladoni's method in salivary fistula, ii. 378
- Nipples, diseases of, ii. 473
 eczema of, ii. 473
 fissures of, ii. 473
 inflammations of, ii. 473
 inverted, ii. 472
 retracted, ii. 473
 tumors of, ii. 473
- Nirvanin in local anesthesia, i. 137
- Nitrate of silver as antiseptic, i. 66
- Nitric acid as caustic, i. 74
- Nitrous oxid gas anesthesia, i. 117
 oxid-carbon dioxide anesthesia, i. 123
 oxid-oxygen anesthesia, i. 120
- No-dressing treatment of clean wounds, i. 210
- Nodular lymphatic keratoconjunctivitis, ii. 125
- Nodules of tongue, tuberculous, ii. 290
 singers', ii. 222
- Noesske's method of plastic reconstruction of fingers, iii. 458
 of preventing gangrene of fingers, iii. 458
- Noma, i. 319
- Non-absorbable ligatures, i. 33
 sutures, i. 33
- Non-absorbent drains, i. 47
- Non-adherent dressings, i. 220
- Non-acute salpingitis, iii. 427
- Non-gonorrhoeal conjunctivitis, ii. 122
- Non-infective meningeal effusion, ii. 68
 thrombosis of sinuses of dura mater, ii. 72
- Non-penetrating wounds of abdominal wall, ii. 535
 of chest wall, ii. 397
- Non-perforating wounds of intestine, with wounds of mesentery, ii. 568
- Non-senile gangrene, i. 320
- Non-specific purulent conjunctivitis, ii. 121
- Non-suppurative otitis media, chronic, ii. 319
 peritonitis, acute, ii. 554
- Non-syphilitic venereal ulcer, iii. 251
- Non-tuberculous empyema, chronic, ii. 409
 rarefying osteitis of spine, ii. 326
- Non-union in fractures, i. 529
- Nose, ii. 179
 accessory sinuses of, ii. 179
 anatomy of, ii. 179
 bleeding from, ii. 184
 blowing of, in nasal infections, ii. 186
 cavities of, infections of, ii. 186
 elongated lobule, plastic operation for, iii. 685
 end of, plastic operation for restoration of, iii. 679
 foreign bodies in, ii. 188
 hemorrhage from, ii. 184
 humped-, plastic operations on, iii. 683
 infections of, blowing nose in, ii. 186
 inferior meatus of, ii. 179
- Nose, injuries of, ii. 183
 large lobule, plastic operation for, iii. 685
 lateral deflection of, plastic operation for, iii. 680
 middle meatus of, ii. 179
 misshaped orifices, plastic operation for, iii. 686
 operations on, ii. 179
 anesthesia in, ii. 181
 antiseptic preparations in, ii. 183
 cleansing preparations in, ii. 183
 hemostasis in, ii. 183
 instruments for, ii. 180
 local anesthesia in, ii. 181
 vasoconstriction in, ii. 183
 plastic operations on, iii. 666
 minor, iii. 683
 preparation of, for operation, i. 180
 pug-, plastic operation for, iii. 684
 saddle-. See *Saddle-nose*.
 scab formation in, ii. 187
 septum, ii. 179
 small lobule, plastic operation for, iii. 685
 superior meatus, ii. 179
 thick subseptum, plastic operations for, iii. 686
 wings, plastic operation for, iii. 686
 totally destroyed, plastic restoration of, iii. 666
 tumors of, ii. 188
 wounds of, ii. 183
- Nosophen as antiseptic, i. 70
- Nostril, deformed, with harelip, ii. 273
- Nostrils, large, plastic operation for, iii. 685
- Notched-lip, after operation for harelip, ii. 273
- Nourishment as factor in surgical treatment, i. 19
 in chronic inflammation, i. 249
- Novocain as local anesthetic, i. 136
 as spinal anesthetic, i. 156
- Nurse, functions of, i. 22
 gowns for, i. 51
 instrument, i. 169
 runabout, i. 169
 sponge, i. 169
- Nursing as factor in surgical treatment, i. 22
- Nutmeg liver in ascites, ii. 558
- Nutrient enemata, ii. 620
 injections, i. 20
- Nutritive disturbances, i. 321
- Nydegger's dressing in fractures of clavicle, i. 554
- Nymphæ, iii. 323
- OAKUM dressings, i. 41
- Oberst tuberculin, i. 258
- Obesity as factor in operation, i. 180
- Oblique bandage, iii. 739
 postmuscular abdominal section, ii. 511
 subcostal abdominal section, ii. 513
- Obliterating angeitis, gangrene from, i. 316
 stricture of deep urethra, iii. 298
- Obliteration, gradual, of arteries in aneurism, i. 384
 of frontal sinus, ii. 202-205
 of maxillary antrum, ii. 196

- Obliterative operation in aneurism, i. 385
 gradual, i. 384
- Obstructed hernia, iii. 24
- Obstruction of intestines, ii. 595. See also
Intestinal obstruction.
- Obstructive aspermia, iii. 311
 sterility from, iii. 311
- Obturator hernia, iii. 45
- Occipital artery, ligation of, i. 412
 glands, ii. 363
- Occipitofrontal cravat bandage, simple, iii.
 784
- Occiput and atlas, dislocations between, i.
 622
- Occlusion, defective, deformities of lower
 jaw with, ii. 283
 of jaws, ii. 281
 of arteries, i. 401
 of cystic duct, iii. 115
 of duodenum, ii. 615
 of nasal duct, ii. 136
 of ureter, accidental, iii. 156
 treatment of fistula, i. 304
- Occupation as factor in surgical treatment,
 i. 18
- Ochsner's method in stricture of esophagus,
 ii. 436
 treatment of appendicitis, iii. 90
 of peritonitis, ii. 548
- Ocular torticollis, ii. 377
- Odontoma, ii. 280
 of jaws, ii. 286
- O'Dwyer method of intubating larynx, ii.
 237
 instruments for, ii. 237
- Oil enema, ii. 620
 injections for prevention of ankylosis, i.
 756
 of neosalvarsan in syphilis, i. 297
 of eucalyptus as antiseptic, i. 72
 olive, surgical uses, i. 58
- Oiled muslin protective, i. 54
 silk protective, i. 53
- Oil-ether rectal anesthesia, i. 110
 after-effects, i. 113
 after-treatment, i. 113
 amount of anesthetic used, i. 113
 apparatus for, i. 112
 contraindications, i. 113
 ingredients for, proportions, i. 114
 technic, i. 112
- Olecranon, fractures of, i. 572
 bone grafts in, i. 511
 fibrous union in, i. 573
- Olfactory sensory center of brain, ii. 45
- Olive bougies, ii. 434
 oil, surgical uses, i. 58
 to prevent adhesions in abdominal op-
 erations, ii. 521
- Ollier's operation through upper jaw to
 reach nasopharynx, i. 724
- Omental grafts in intestinal suture, ii. 629
- Omentum, ii. 620
 adhesions of, in hernia, iii. 21
 in abdominal operations, ii. 522
 cysts of, ii. 620
 hernia of, iii. 51
- Omentum, inflammations of, ii. 620
 preservation of, in resection of transverse
 colon, ii. 646
 strangulation of, ii. 620; iii. 24
 torsion of, ii. 620
 tumors of, ii. 620
- Onychia, i. 848
- Onychitis, i. 848
- Onychomycosis, i. 848
- Oöphoritis, acute, iii. 430
 chronic, iii. 430
- Opacities, corneal, ii. 126
 in vitreous, ii. 134
- Open operation for reduction of dislocation
 of hip, i. 616
 tenotomy, i. 813
 treatment of infected wounds, i. 240
- Open-drop method for ether anesthesia, i.
 107
- Operating, best time for, i. 184
 caps, i. 50
 clothes, surgeons', i. 51, 173
 masks, i. 50
 personnel, arrangement of, i. 169
 room, i. 166
 for special operations, i. 167
 table, i. 85
 extemporized, i. 87, 88
 positions secured on, i. 86
- Operations, i. 17, 184
 arrangement of instruments at, i. 169
 collapse during, i. 218
 dangers of, i. 184
 for ankylosis, i. 757
 for coxa valga, i. 770
 vara, i. 770
 for hemorrhoids, iii. 70
 for hernia, in two stages, iii. 52
 for radical cure of femoral hernia, iii. 38
 of inguinal hernia, iii. 24-38
 in private houses, i. 169
 in tent, i. 169
 jackets for patient during, i. 49
 on bile-tract, iii. 118. See also *Bile-tract,*
operations on.
 on bladder, iii. 213
 on bones and joints, i. 688
 instruments for, i. 688-690
 on conjunctiva, ii. 149
 on eye, ii. 138
 on eyelids, ii. 138
 on intestines, ii. 621
 on joints, i. 737
 on kidney, iii. 157
 on liver, iii. 109
 on lungs, ii. 453
 on mediastina, ii. 458
 on nerves, i. 852
 on newborn, iii. 694
 on nose, ii. 179
 on ovaries, iii. 430
 on penis, ii. 255
 on pharynx through neck, ii. 367
 on skull, ii. 26. See *Skull, operations on.*
 on spleen, ii. 787

Operations on stomach, ii. 730
 on tonsils through neck, ii. 367
 on ureter, iii. 157
 on uterus, iii. 397
 postures for, iii. 397
 preparation of patient for, iii. 397
 plastic, iii. 622
 preparation of patient, i. 176. See also
 Patient, preparation of.
 prevention of pain after, i. 214
 self-performed, i. 224
 stockings for patient, i. 48
 suit for patient, i. 94
 time consumed in, i. 184
 to compensate loss of epiphysis, i. 769
 to lengthen bones, i. 770
 to strengthen weak joints, i. 768
 treatment after, i. 225
 without anesthetics, i. 165
 Operative field, preparation of, i. 177
 acetone-pyoxol for, i. 178
 aseptic mechanical method, i. 178
 iodin for, i. 178
 picric acid method, i. 178
 wounds, i. 184
 of scalp, ii. 19
 technic of making, i. 184
 Ophthalmia, ii. 122. See *Conjunctivitis.*
 Ophthalmic artery, ligation of, ii. 137
 Opium in peritonitis, ii. 547
 Opsonins, 26
 Optic nerve, atrophy of, ii. 135
 diseases of, ii. 135
 intra-ocular edema of, ii. 135
 syphilis of, i. 297
 tumors of, ii. 135
 wounds of, ii. 135
 neuritis, orbital, ii. 135
 papilla, engorgement edema of, ii. 135
 Orbicularis muscle, spasm of, ii. 120
 Orbit, abscess of, ii. 137
 diseases of, ii. 137
 outer wall of, resection of, ii. 163
 periostitis of, ii. 137
 punctured fractures of skull through, i.
 537
 sinus infections perforating into, ii. 201
 transplantation of fat into, after enuclea-
 tion, ii. 160
 tumors of, ii. 137
 removal, ii. 163
 Orbital muscles, ii. 116. See also *Muscles
 of eye.*
 optic neuritis, ii. 135
 Orchitis, chronic, iii. 305
 suppurative, iii. 305
 Organic scoliosis, ii. 354
 silver salts as antiseptic, i. 66
 stricture of urethra, iii. 286
 tissues, filling bone-cavities with, i. 704
 Organs, transplantation of, iii. 648
 Oriental boil, i. 273
 sore, i. 273, 314
 Orthodontistry, ii. 280
 Orthoform in local anesthesia, i. 137
 Os calcis, fractures of, i. 608
 bone grafts in, i. 517

Os calcis, externum, iii. 326
 internum, iii. 326
 Osmic acid injections in neuralgia, i. 864
 Osmosis treatment of glaucoma, ii. 131
 Ossicles of ear, ii. 299
 removal of, in chronic suppurative
 otitis media, ii. 311
 Osteitis, i. 467
 deformans, i. 471
 of bones of hand, iii. 450
 of cranial bones, prevention, ii. 41
 of spine, non-tuberculous, rarefying, ii.
 326
 operations for, i. 692
 typhoid, i. 469
 Osteo-arthritis, arthrodesis in, i. 739
 Osteochondritis, deforming, of hip-joint
 in children, iii. 463
 Osteoclasia for bow-legs, iii. 466
 for knock-knee, iii. 468
 Osteogenesis imperfecta, i. 471
 Osteoma, i. 324, 470
 of jaws, ii. 286
 of skull, ii. 42
 Osteomalacia, i. 471
 Osteomyelitis, acute, i. 469
 autoplastic operations with bone in, i.
 698
 with soft tissue in, i. 697
 chronic, operation in, i. 696
 early, operation for, i. 693
 filling defects in, with autoplastic bone-
 flaps, i. 699
 of jaws, ii. 283
 of spine, ii. 326
 operations for, i. 692
 for loss of substance in, i. 699
 stages of, i. 694
 subacute, operation in, i. 695
 vaccines in, i. 257
 Osteoplastic amputation, iii. 524
 of leg by antero-internal flap, iii. 590
 of thigh through condyles, iii. 596
 Craniotomy, ii. 30. See also *Craniotomy,
 osteoplastic.*
 excision of elbow-joint, i. 745
 flap operations through upper jaw to
 reach nasopharynx, i. 724
 laminectomy, ii. 344
 operations, i. 710
 for cranial defects, i. 711
 periostitis, chronic, i. 467
 resection of anterior portion of palate, i.
 723
 of hard palate, i. 723
 rhinoplasty, iii. 669
 thoracotomy, anterior, ii. 458
 posterior, ii. 459
 Osteosarcoma of head and neck of humerus,
 i. 706
 periosteal, i. 709
 x-rays for, iii. 704
 Osteotome, Macewen's, i. 712
 spiral, Cryer's, ii. 28
 Osteotomy combined with resection of
 long bones, i. 716
 cuneiform, i. 713

- Osteotomy, cuneiform, for club-foot, iii. 481
 for bow-legs, iii. 467
 for genu valgum, i. 714
 in flat-foot, iii. 487
 of femur, i. 713
 in knee tuberculosis, i. 677
 supracondyloid, from inner side, i. 715
 from outer side, i. 715
 of long bones, i. 711
 technic, i. 712
 of lower end of femur, i. 714
 of neck of femur, i. 713
 in old unreduced hip dislocations, i. 647
 of shaft of tibia, i. 716
 subtrochanteric, i. 714
 of tibia, i. 716
 below tuberosities, i. 716
 of upper end of femur, i. 713
 Othematoma, ii. 303
 Otic abscess, usual site, ii. 50
 Otis' urethrotome for cutting urethral stricture, iii. 292
 Otitis media, acute, ii. 306
 incision of tympanic membrane in, ii. 307
 indications for mastoid operation in, ii. 308
 suppurative, ii. 307
 chronic nonsuppurative, ii. 310
 suppurative, ii. 308
 bismuth paste in, ii. 310
 curettage of middle ear in, ii. 311
 drying powders in, ii. 309
 ear-drops in, ii. 309
 gauze drainage in, ii. 309
 hot air in, ii. 309
 operation in, indications for, ii. 310
 radical, ii. 312. See also *Mastoid operation, radical*.
 through membrana tympani in, ii. 311
 removal of ossicles in, ii. 311
 suction treatment, ii. 310
 vaccines in, ii. 310
 labyrinthine and perilabyrinthine involvement following, ii. 321
 Oval method of amputation, iii. 517
 Ovariectomy, iii. 431
 Ovary, iii. 326
 cancer of, iii. 434
 cystic degeneration of, iii. 431
 cysts of, dermoid, iii. 433
 deficient secretion of, iii. 438
 hematoma of, iii. 431
 hernia of, iii. 51
 inflammations of, iii. 430
 operations on, iii. 430
 papillocystoma of, iii. 434
 papilloma of, iii. 434
 prolapse of, iii. 434
 sclerosis of, iii. 431
 transplantation of, from one to another, iii. 438
 tuberculosis of, iii. 431
 Ovary, tumors of, iii. 431
 operation for, iii. 432
 torsion of pedicle, iii. 434
 Overcorrection for club-foot, iii. 471
 Overfeeding, dangers of, i. 20
 Overlapping toes, iii. 491
 Oviducts, iii. 326
 Oxalic acid as antiseptic, i. 67
 Oxidation, sterilization by, i. 30
 Oxycephaly, ii. 42
 Oxygen after abdominal operations, ii. 531
 anesthetics combined with, i. 120
 for treatment of shock, i. 216
 injections in neuralgia, i. 865
 interstitial injections of, i. 358
 intravenous injection of, i. 357
 Oxymethylene as antiseptic, i. 68
 Ozena, ii. 187
 paraffin prosthesis for, iii. 691
 PACHYMEMINGITIS EXTERNA, ii. 65
 hemorrhagica, ii. 57
 syphilitic, ii. 65
 Pads, rubber, i. 53
 Paget's disease of nipples, ii. 473
 Pain after abdominal operations, ii. 532
 after operation in appendicitis, iii. 101
 areas, sensory, i. 128
 in fractures, i. 525
 in kidney, iii. 154
 in scars, i. 225
 lumbosacral, ii. 350
 postoperative, i. 226
 prevention of, after operations, i. 214
 Painful back, ii. 350
 feet, iii. 490
 heel, iii. 495
 menstruation, iii. 394
 stump in amputation, iii. 514
 Palate, anterior portion, osteoplastic resection of, i. 723
 cleft-, ii. 257. See also *Cleft-palate*.
 hard, osteoplastic resection of, i. 723
 operations on, local anesthesia for, i. 143
 perforations of, ii. 266
 soft, abscess of, ii. 255
 acute infections of, ii. 255
 adhesions of, ii. 256
 diseases of, ii. 255
 tumors of, ii. 255
 ulcers of, ii. 255
 Palmar branch, deep, of radial artery, ligation of, i. 426
 fascia, contracture of, iii. 454
 old, iii. 450
 space, infections of, iii. 449
 middle, infection of, iii. 449
 synovial sheaths, iii. 447
 Palpebral fissure, canthoplasty for enlarging, ii. 142
 portion of lacrimal gland, removal of, ii. 178
 Palsy. See *Paralysis*.
 Bell's. See *Facial paralysis*.
 Panas' operation for ptosis of eyelids, ii. 141
 for staphyloma, ii. 152

Pancreas, ii. 778
 abscess of, ii. 781
 anatomy, ii. 778
 approach to, ii. 779
 cysts of, ii. 783
 drainage of, ii. 780
 necrosis of, ii. 782
 tumors of, ii. 782
 wounds of, ii. 779
 Pancreatic calculi, ii. 783
 Pancreatitis, acute, ii. 780
 chronic, ii. 781
 subacute, ii. 781
 Panhysterectomy for fibroid tumors, iii. 420
 Pannus, ii. 124
 Papanophthalmitis, ii. 130
 Panse's method in radical mastoid operation, ii. 315
 Paper, crepe, bandages from, iii. 794
 wool dressings, i. 42
 Papilla, optic, engorgement edema of, ii. 135
 Papillocystoma of ovary, iii. 434
 Papilloma, i. 324
 of bladder, iii. 196
 of kidney pelvis, iii. 151
 of ovary, iii. 434
 of penis, iii. 253
 of rectum, iii. 74
 of urethra, iii. 272
 of urinary bladder, fulguration for, iii. 700
 of vulva, iii. 327
 Papillomatous cysts of breast, ii. 477
 Paquelin cautery, i. 80
 Paracentesis in ascites of cirrhosis of liver, iii. 112
 of cornea, ii. 152
 of right auricle, ii. 425
 ventricle, ii. 425
 Paraffin injections in rectal prolapse, iii. 68
 in saddle-nose, ii. 194
 method for catgut, i. 36
 occlusion treatment of burns, i. 823
 prosthesis, iii. 688
 absorption of, iii. 692
 complications, iii. 691
 cosmetic injections, iii. 691
 dangers of, iii. 689
 diffusion of, iii. 692
 disadvantages, iii. 691
 embolism from, iii. 691
 prevention, iii. 692
 escape of injected material in, iii. 692
 for hernia, 691
 for incontinence of feces, iii. 691
 of urine, iii. 691
 for ozena, iii. 691
 for prolapse of uterus, iii. 691
 general surgical uses, iii. 691
 hyperplasia from, iii. 692
 irritative reaction from, iii. 692
 material for, iii. 689
 necrosis from, iii. 692
 nervous disturbances from, iii. 692
 phlebitis from, iii. 692
 skin redness from, iii. 692

Paraffin prosthesis, sloughing from, iii. 692
 syringe for, iii. 690
 technic of operation, iii. 690
 uses of, iii. 689
 yellow discoloration of skin from, iii. 692
 Paraffined gauze, i. 41
 linen sutures, i. 38
 paper protective, i. 54
 silk sutures, i. 38
 Paraform as antiseptic, i. 68
 Paraformaldehyd as antiseptic, i. 68
 Paralysis agitans, rhizotomy for, ii. 348
 brachial birth, i. 894; iii. 696
 crutch, in fractures, i. 527
 facial, i. 881. See also *Facial paralysis*.
 grafting muscles in, i. 795
 in fractures, i. 525
 in Pott's disease, ii. 337
 infantile, arthrodesis in, i. 738
 with drop-foot, silk ligaments in, i. 802
 ischemic muscular, iii. 453
 narcosis, of brachial plexus, i. 895
 of biceps of arm, tendon transplantation in, i. 812
 of deltoid muscle, i. 795
 of extensors of hand, tendon transplantation in, i. 812
 of facial nerve, neuropathic, i. 881. See also *Facial paralysis*.
 of muscles, rubber prosthesis in, i. 796
 of quadriceps extensor of thigh, tendon transplantation in, i. 812
 of trapezius muscle, i. 795
 spastic, from hemorrhage in newborn, iii. 697
 rhizotomy in, ii. 346
 traumatic, in general anesthesia, i. 100
 Paralytic calcaneus, iii. 484
 dislocation of hip-joint, bone grafts in, i. 783
 of shoulder, i. 634
 equinovarus, iii. 480, 484
 equinus, iii. 483
 ileus, ii. 552
 pituitrin in, ii. 553
 scoliosis, bone grafts in, i. 782
 talipes, acquired, iii. 482
 calcaneus, tendon transplantation in, i. 812
 equinus, tendon transplantation in, i. 812
 valgus, iii. 484
 tendon transplantation in, i. 811
 varus, tendon transplantation in, i. 812
 toe-drop, iii. 488
 torticollis, ii. 377
 Paraphimosis, iii. 253
 Parasacral anesthesia, i. 162
 Parasites, animal, of skin, i. 848
 Parasitic stomatitis, ii. 246
 Parathyreopriva, ii. 394
 Parathyroid glands, anatomy, ii. 380
 diseases of, ii. 394
 transplantation of, ii. 394
 Paravertebral anesthesia, i. 152

- Parenchymatous acute glossitis, ii. 288
 senile hypertrophic of breast, ii. 475
- Parents, syphilitic, prophylactic treatment before conception, i. 301
- Paresis, general, salvarsan in, i. 294
 salvarsan in, intraventricular injection, i. 296
- Parkhill's operation for reducing size of ear, iii. 652
- Paronychia, i. 848; iii. 442
- Parotid glands, ii. 363
 abscess of, ii. 379
 anatomy, ii. 377
 cellulitis of, ii. 379
 salivary fistula, ii. 377
- Parovarian cystoma, iii. 434
 tumors, iii. 434
- Pars anterior of pituitary body, ii. 83
 intermedia of pituitary body, ii. 83
 nervosa of pituitary body, ii. 83
- Partial abdominal hysterectomy, iii. 418
 cataract, ii. 133
 laryngectomy, ii. 231
 nephrectomy, iii. 167
 vasectomy, iii. 320
- Passive hyperemia for infections of extremities, iii. 445
 motion in chronic inflammation, i. 249
- Paste, adhesive, i. 55
 Alexander's for burns, iii. 807
 bismuth. See *Bismuth paste*.
 Delbet's for wound dressings, iii. 807
- Pasteur treatment of hydrophobia, i. 273
- Patella, ankylosis of, arthroplasty for, i. 767
 bisecting of, in opening knee-joint, i. 753
 dislocations of, i. 648
 congenital, i. 618
 habitual, bone grafts in, i. 787
 excision of, i. 732
 fractures of, i. 596. See also *Fractures of patella*.
 pad, inflamed, i. 653
 strengthening of, i. 733
- Patient, care of, as factor, after operation, i. 26
 during operation, i. 182
 in general anesthesia, i. 101
 color of, in general anesthesia, i. 99
 mental state of, as factor in surgical treatment, i. 24
 operation suit for, i. 94
 preparation of, dangers of purging in, iii. 808
 for abdominal operations, ii. 499
 for anesthesia, i. 92
 for local anesthesia, i. 129
 for operation, i. 176
 on alimentary canal, ii. 564
 for special operations, i. 180
 in emergency, i. 180
 unconscious, moving of, i. 184
- Peat dressings, i. 42
- Pediculosis, i. 848
- Pediculus capitis, i. 848
 corporis, i. 848
 pubis, i. 848
- Pedunculated flaps, plastic operations with, iii. 635
- Pegging fragments in fractures, i. 506
- Peg-legs, iii. 614
- Pelvic abscess, iii. 459
 aneurism, i. 398
 disease, chronic, iii. 372
 epidural injections in, iii. 461
 hernia, iii. 48
 outlet, puerperal injuries of, iii. 333
 varicocele, iii. 426
 veins, excision of, in septic thrombophlebitis, i. 456
- Pelvis, iii. 459
 bandage of, diaper, iii. 782
 bones of, resection of, i. 732
 cancer in, radium in, iii. 714
 fractures of, i. 582
 of kidney, iii. 138
 papilloma of, iii. 151
 puncture of, iii. 163
 support for bandaging, iii. 767
 tumors of, iii. 460
 wounds of, iii. 459
- Pemphigus, i. 830
- Pendjeh, sore, i. 273
- Pendulous abdominal wall, ii. 540
- Penetrating wounds of abdominal wall, ii. 535
 of chest wall, ii. 397
 of esophagus, ii. 431
 of heart, ii. 429
 of uterus, iii. 360
- Penetration of chest wall, wounds of lung with, ii. 413
- Penhallow's splint in fractures of shaft of humerus, i. 561
- Penholder hold of operating scalpel, i. 185
- Penile urethra, iii. 249
 injuries of, iii. 250
- Penis, iii. 248
 adherent, iii. 255
 amputation of, iii. 255
 anatomy, iii. 248
 anomalies of, iii. 253
 bandage of, iii. 776
 cancer of, iii. 253
 amputation for, iii. 255
 extirpation for, iii. 256
 chancre of, iii. 252
 contusions of, iii. 250
 curvature of, iii. 254
 dislocation of, iii. 250
 dorsum, iii. 248
 erection of, uncontrollable, iii. 254
 extirpation of, iii. 256
 fracture of, iii. 250
 gangrene of, iii. 252
 hypertrophy of, iii. 254
 inflammation of, simple, iii. 251
 ligation of dorsal vessels, iii. 255
 neck of, iii. 248
 operations on, iii. 255
 local anesthesia in, i. 151, 152
 papilloma of, iii. 253
 pathologic conditions, iii. 253
 preparation for, i. 180

Penis, root of, iii. 248
 rudimentary, iii. 254
 sclerosis of erectile bodies, iii. 255
 strangulation of, iii. 251
 tumors of, iii. 252
 warts of, iii. 253
 webbed, iii. 2
 wounds of, iii. 250
 Pental anesthesia, i. 118
 Percentage urea test of kidney function, iii. 144
 Percutaneous injections in neuralgia, i. 864
 Percy's cautery method for cancer of uterus, iii. 423
 radical cautery operation for cancer of breast, ii. 492
 Perforating duodenal ulcer, ii. 579
 ulcer of foot, iii. 494
 of stomach ii. 726
 typhoid, ii. 580
 wounds of intestines, ii. 567
 Perforation between bile-tract and gastro-intestinal tract, iii. 116
 of bile-ducts, iii. 114
 of colon, ii. 582
 of gall-bladder, iii. 114, 116
 of gaseous cysts, ii. 581
 of intestines, ii. 581
 of malignant, ii. 581
 suppurative, ii. 581
 tuberculous, ii. 581
 of nasal septum, ii. 195
 of palate, ii. 266
 of stomach, perigastric abscess from, ii. 727
 of uterine wall in curettage, iii. 401
 Perforative appendicitis, iii. 100
 Perhydrol as antiseptic, i. 68
 Peri-articular bursitis of shoulder-joint, iii. 451
 Pericardial adhesions, cardiolysis for, ii. 424
 Pericardiocentesis, ii. 422
 Pericardium, ii. 422
 empyema of, ii. 423
 operative exposure, ii. 424
 serous effusion in, ii. 422
 tumors of, ii. 445
 wounds of, ii. 422
 Pericardotomy for serous effusion, ii. 423
 in empyema, ii. 423
 Pericecal hernia, iii. 50
 Perichondritis, ii. 223
 of auricle, ii. 303
 Pericolic adhesions, ii. 602
 veils, ii. 602
 Pericolitis, ii. 576
 membranous, ii. 602
 Pericranial pneumatocele, ii. 24
 Pierer's method of laryngectomy, ii. 234
 Perigastric abscess from perforation of stomach, ii. 727
 adhesions, ii. 702
 Perilabyrinthine involvement following middle-ear suppuration, ii. 320

Perineal cystotomy, iii. 217
 for hypertrophy of prostate, iii. 232
 lateral, iii. 218
 median, iii. 219
 drainage of bladder, iii. 220, 222
 lithotripsy, iii. 203
 prostatectomy, iii. 234
 for cancer, iii. 247
 hemorrhage in, iii. 236
 incision for, iii. 235
 protectors, i. 48
 urethrotomy, external simplified, of Barney, iii. 296
 Perineorrhaphy, iii. 335-342
 Perinephric abscess, iii. 146
 Perineum, laceration of, iii. 333. See also *Lacerations of perineum*.
 operations on, preparation for, i. 180
 local anesthesia in, i. 151
 ruptures of, iii. 333
 urinary infiltration of, retention from, iii. 211
 Perionychia, i. 848
 Perioöphoritis, iii. 430
 Periosteal fibroma, i. 709
 flaps, amputation with, iii. 510
 lipoma, i. 709
 osteosarcoma, i. 709
 Periosteum. elevation of, i. 688
 interposition of, for ankylosis, i. 759
 treatment of, in amputation, iii. 512
 Periostitis, i. 467
 acute, i. 467
 chronic, i. 467
 osteoplastic, i. 467
 of cranial bones, prevention, ii. 41
 of jaws, ii. 283
 of orbit, ii. 137
 operations for, i. 692
 Periotomy in vascular keratitis, ii. 127
 Peripheral injections in inoperable cancer, i. 333
 sarcoma of jaws, ii. 286
 Perithelioma of bones, i. 710
 Peritoneal abscess, chronic, ii. 554
 collapse, ii. 549
 fixation of uterus, anterior, for retroversion, iii. 393
 sac, foreign bodies in, ii. 544
 Peritoneum, ii. 498, 541
 anastomosis of saphenous vein with, in ascites, ii. 560
 anatomy, ii. 541
 closure of, in abdominal operations, ii. 516
 denuded surfaces of, ii. 542
 fibroma of, ii. 563
 injuries of, ii. 542
 lipoma of, ii. 563
 protection of, in abdominal operations, ii. 515
 sarcoma of, ii. 564
 toilet of, in abdominal operations, ii. 515
 transplantation, iii. 648
 traumatism of, ii. 542
 tumors of, ii. 557

- Peritonitis, ii. 546
 acute, ii. 546
 general, ii. 548
 local, ii. 548
 nonsuppurative, ii. 554
 septic, ii. 548
 adhesions in, ii. 546
 best time for operation in, ii. 546
 calcium hypochlorite in, ii. 551
 camphorated oil in, ii. 551
 chlorinated oil in, ii. 551
 dichloramin in, ii. 551
 diffuse suppurative, appendicitis with, iii. 100
 drainage in, ii. 547, 549
 gastric lavage in, ii. 547, 550
 hypodermoclysis in, ii. 550
 intestinal obstruction in, ii. 553
 iodine in, ii. 550
 irrigation in, ii. 546, 549
 local suppurative, ii. 548
 localized abscess in, ii. 553
 of duodenal region, ii. 557
 operation in, ii. 549
 opium in, ii. 547
 period of constitutional reaction in, ii. 547
 prevention of spread, ii. 546
 proctoclysis in, ii. 547
 rectal injections in, ii. 549
 secondary abscess in, ii. 553
 sodium hypochlorite in, ii. 551
 subphrenic abscess in, ii. 553
 suction drainage in, ii. 549
 sulphuric ether in, ii. 551
 suppurative, local, ii. 548
 tuberculous, ii. 554
 acute miliary, ii. 554
 dry, ii. 554
 exudative, with serum, ii. 554
 suppurative, ii. 556
 vasomotor disturbance in, ii. 549
 Peritonissillar abscess, ii. 212
 Perityphlitis, ii. 576
 Perlèche, i. 829
 Permanent drainage of bladder, iii. 221
 fecal fistula, ii. 687
 Permanganate of potash as antiseptic, i. 67
 method of hand sterilization, i. 174
 Pernicious anemia, ii. 785
 in hemorrhage, i. 360
 Pernio, i. 319, 826
 Peroneus longus, transplantation of, for
 tibialis anticus, i. 810
 tertius, transplantation of tibialis anticus
 for, i. 810
 Peronin in eye diseases, ii. 118
 Peroxid of hydrogen as antiseptic, i. 68
 Peroxid-phenol, hot, in infected wounds, i. 247
 Persistent cloaca, iii. 357
 Perspiration, abnormal odor of, i. 844
 diminished, i. 844
 excessive, i. 844
 of hands, i. 849
 Pes cavus, iii. 482
 planovalgus, iii. 485
 Pes planus, iii. 485
 valgus, iii. 485
 Pessary in dysmenorrhea, iii. 395
 in retroversion of uterus, iii. 387, 388
 Smith-Hodge, iii. 388
 Peterson's method of drainage in ascites, ii. 559
 Pfannenstiel's method of suprapubic cer-
 vical Cesarean section, iii. 408
 Phagedenic gangrene, i. 319
 ulcers, i. 313
 Phagocytosis as factor in surgical treatment,
 i. 26
 Phalangeal joints, tuberculosis of, i. 680
 Phalanges, bone-grafts of, i. 786
 dislocations of, i. 649
 excision of, i. 731
 fractures of, i. 580, 608
 of toes, end, disarticulation of, iii. 572
 proximal, of fingers, dislocations of, i. 639
 resection of, i. 731
 Phalanx of finger, first, amputation through,
 iii. 546
 last, amputation through, iii. 545
 disarticulation of, iii. 545
 second, amputation through, iii. 545
 of toe, first, amputation through, iii. 573
 proximal, of thumb, dislocation of, i. 639
 Pharyngeal insufflation in ether anesthesia,
 i. 110
 Pharyngitis, membranous, Klebs-Löffler, ii. 207
 Pharyngotomy, lateral, ii. 368
 subhyoid, ii. 229
 suprahyoid, ii. 229
 Pharynx, anesthesia by, i. 124
 foreign bodies in, ii. 216
 lupus of, ii. 207
 operations on, by local anesthesia, i. 143
 through neck, ii. 367
 tuberculosis of, ii. 207
 Phenol, i. 65
 gangrene, i. 320
 gauze, i. 40
 halogen derivatives, i. 60
 in tetanus, i. 268
 injections in hemorrhoids, iii. 69
 liquefied, in soiled wounds, i. 186
 Phenol-camphor treatment for boils, i. 253
 of infected cavities, i. 234
 Phenolized glycerin as antiseptic, i. 66
 Phenolsulphonephthalein test of kidney
 function, iii. 142
 Phimosis, iii. 253
 Phlebitis, i. 447
 acute, i. 447
 from paraffin prosthesis, iii. 692
 non-infective, i. 447
 Phlebotomy, i. 453. See also *Venesection*.
 Phlegmon, sublingual, ii. 362
 woody, ii. 362
 Phlegmonous erysipelas, i. 262
 gastritis, ii. 702
 inflammation of intestines, acute, ii. 574
 Phlorrhizin tests of kidney function, iii. 143
 Phlyctenular conjunctivitis, ii. 123
 keratitis, ii. 125

- Phonation after laryngectomy, ii. 236
 disturbed, after cleft-palate operation,
 ii. 266
- Phosphorus necrosis of bones, i. 468
- Phrenic nerve, injuries and diseases of, i.
 891
 neurectomy in bronchiectasis, ii. 420
- Physostigmin salicylate as miotic, ii. 118
- Pia mater, anatomy, ii. 43
- Pia-arachnoid, anatomy, ii. 43
 wounds of, ii. 61
- Picric acid as antiseptic, i. 67
 for preparation of operative field, i. 178
 in burns, i. 821
- Pigeon-toe, iii. 495
- Pilcher's catheterizing cystoscope, iii. 189,
 701
 method of suprapubic; prostatectomy
 in two stages, iii. 244
- Piles, 69. See also *Hemorrhoids*.
- Pillow extension in fractures, i. 493
- Pilocarpin hydrochlorid as miotic, ii. 118
- Pimples, i. 835
- Pin sutures, i. 197
- Pinguecula, ii. 124
- Pirogoff's disarticulation of foot at ankle-
 joint, iii. 585
- Pituitary body, nasal approach to, ii. 89
 operations on, ii. 82
 anesthesia in, ii. 83
 approach by bucconasal route, ii. 92
 by frontal route, ii. 85
 by nasal route, ii. 88
 choice of, ii. 83
 combined frontal and nasal, ii. 90
 high nasal, ii. 90
 nasal, with removal of septum, ii. 88
 routes of approach, ii. 82
 simple transnasal, ii. 88
 surgical anatomy, ii. 83
 total removal, ii. 83
 tumors of, ii. 83
 extract for treatment of shock, i. 217
- Pituitrin in acute intestinal stasis, ii. 614
 in paralytic ileus, ii. 553
- Pityriasis rosea, i. 836
- Plantar fascia, division of, for hollow foot,
 iii. 489
- Plasma marina in septicemia of unknown
 origin, i. 261
- Plaster lacing, i. 55
 moleskin, i. 54
 protective, adhesive, i. 54
 resin, i. 55
- Plaster-bed, reclining, in Pott's disease, ii.
 327
- Plaster-of-Paris bandages, i. 57
 in fracture of lower jaw, i. 544
 case in fractures of shaft of femur, i. 591
 correction for club-foot, iii. 469
 jackets in Pott's disease, ii. 329-335
 splints, i. 477
 bisected case, i. 481
 fenestra in, i. 481
 gutter, i. 483
 in tuberculosis of hip, i. 668
 method of application, i. 477
- Plaster-of-Paris splints, method of cutting,
 i. 481
 of making, i. 478
 traction after application, i. 479
- Plastic ankylosing arthritis, i. 662
 linitis, ii. 702
 operations, iii. 622
 amputation as, iii. 498
 flaps in, iii. 622
 for absence of lip, iii. 655
 for coloboma, iii. 653
 for defects of cheeks, iii. 657
 not involving whole thickness, iii.
 657
 with double transplanted flap of
 forearm, iii. 665
 of mucous membrane of cheek, iii.
 665
 for ectropion of lower lip, iii. 654
 for elongated lobule of nose, iii. 685
 for large lobule of nose, iii. 685
 nostrils, iii. 685
 for lateral deflection of nose, iii. 680
 for lop-ear, iii. 652
 for macrostoma, iii. 655
 for microstoma, iii. 656
 for misshaped nasal orifices, iii. 686
 for partial defects of nose, iii. 677
 for pug-nose, iii. 684
 for reconstruction of nose, iii. 666
 for restoring auricle, iii. 649
 end of nose, iii. 679
 lower jaw, iii. 682
 nasal septum, iii. 680
 parts of auricle, iii. 652
 size of auricle, iii. 652
 small defects of nasal wings, iii. 680
 whole thickness of cheek, iii. 657
 for saddle-nose, iii. 682
 for small lobule of nose, iii. 685
 for thick nasal subseptum, iii. 686
 wings, iii. 686
 making bridge of skin for transplanta-
 tion in, iii. 635
 massive skin transplantations in, iii. 635
 on auricle, iii. 649
 on cheek, transplanting flap with tem-
 poral artery in, iii. 660
 on face, iii. 622
 on head, iii. 649
 on humped-nose, iii. 683
 on lips, iii. 654
 on mouth, iii. 655
 on nose, iii. 666
 minor, iii. 683
 preserving circulation in flaps, iii. 623
 silver foil for covering wounds in. iii.
 624
 sliding flaps for, iii. 629
 stretching skin in, iii. 626
 technic, iii. 624
 turning in skin surface to take place of
 mucous membrane in, iii. 635
 undercutting skin for, iii. 629
 using sliding flaps with facial artery,
 iii. 663
 with pedunculated flaps, iii. 635

- Plastic operations with reversed pedunculated flaps, iii. 635
 with sliding flaps, iii. 630
 reconstruction of finger, iii. 458
- Plates for flat-foot, iii. 486
 lateral, for suture of arteries, i. 376
 metallic, in fractures, i. 507, 508
- Pleth's knitting needle method of intestinal anastomosis, ii. 677
- Pleura, ii. 399
 anatomy, ii. 399
 cervical, ii. 399
 costal, ii. 399
 diaphragmatic, ii. 399
 infection of, with wounds of lung, ii. 414
 operations through, with increased intrapulmonary pressure, ii. 446
 pulmonary, ii. 399
 tumors of, ii. 445
 wounds of, ii. 399
- Pleural shock from artificial pneumothorax, ii. 417
- Pleurisy with effusion from artificial pneumothorax, ii. 417
- Plexiform neuroma of scalp, ii. 24
- Plexus, brachial, i. 892. See also *Brachial plexus*.
- Plication of anterior fold of broad ligament for retroversion, iii. 392
 of arteries in aneurism, i. 384
- Plug, epithelial, in external auditory canal, ii. 306
- Plumper for prosthesis in upper jaw, i. 727
 of lower jaw, i. 728
- Pneumatic extension in fractures, i. 494
 suit, Crile's, for prevention of shock, i. 216
- Pneumatocele, pericranial, ii. 24
- Pneumectomy, ii. 456
 in bronchiectasis, ii. 420
 in tuberculosis, ii. 416
- Pneumococcus arthritis, i. 660
- Pneumogastric nerve, injuries and diseases of, i. 891
- Pneumolysis, interpleural, in tuberculosis, ii. 418
 in bronchiectasis, ii. 420
 in tuberculosis, ii. 418
- Pneumonia after abdominal operations, ii. 534
 aspiration, from ether, i. 105
 postoperative, prevention of, i. 180
- Pneumothorax, ii. 400
 artificial, gas embolism from, ii. 417
 in tuberculosis, ii. 416
 indications for, ii. 417
 length of treatment, ii. 418
 mortality in, ii. 417
 pleural infection from, ii. 417
 shock from, ii. 417
 pleurisy with effusion from, ii. 417
 results, ii. 418
 subcutaneous emphysema in, ii. 417
- Pneumotomy, ii. 456
 in bronchiectasis, ii. 419
- Point, auricular, ii. 45
 condyloid, of inferior maxilla, ii. 45
 midsagittal, ii. 45]
- Point, midzygomatic, ii. 45
 superior Rolandic, ii. 46
 supra-auricular, ii. 45
 Sylvian, ii. 46
- Poisoning, ergot, gangrene from, i. 318
 from irritating gases, iii. 721
 from local anesthetics, i. 138
 gas, iii. 716, 720
 ivy, i. 825
 mercuric chlorid, iii. 806
 primrose, i. 826
 ptomain, i. 259
 sewer-gas, iii. 721
 skin, i. 825
 sumac, i. 825
- Poisons, gangrene from, i. 320
- Poliomyelitis, anterior, ii. 326
- Politzer's bag for inflating middle ear, ii. 301
- Polonium, iii. 709
- Polycystic degeneration of kidney, iii. 151
- Polydactylism, iii. 457
- Polymastia, ii. 472
- Polymerized formaldehyd as antiseptic, i. 68
- Polymyositis, acute, i. 791
- Polypoid adenomata of intestines, ii. 582
- Polyps of bladder and urethra, fulguration for, iii. 703
 of maxillary antrum, ii. 197
 of uterus, iii. 372
 of vagina, iii. 356
 rectal, iii. 75
- Polythelia, ii. 472
- Pope's method of preventing adhesions in abdominal operations, ii. 522
- Popliteal aneurism, i. 399
 artery, compression of, for hemorrhage, i. 367
 ligation of, i. 437
 blood-vessels, injury of, in fractures of lower end of femur, i. 595
 nerve, external, injuries of, i. 898
 space, anatomy of, i. 437
- Port-wine stains, i. 453
 radium in, iii. 714
- Portal vein, anastomosis of, with vena cava, in ascites, ii. 561
 thrombosis of, i. 457
 vena cava and, anastomosis between, i. 458
- Portio vaginalis, iii. 325
- Position for general anesthesia, i. 94
 knee-chest, iii. 398
 elevated, iii. 398
 Sims' lateral, iii. 398
 secured on operating table, i. 86
- Posterior cervical nerves, resection of, in torticollis, ii. 376
 sclerotomy, ii. 157
- Postfebrile gangrene, i. 320
- Postherpetic neuralgia, i. 865
- Postmeatal triangle of ear, ii. 300
- Postmortem Cesarean section, iii. 408
- Postmuscular oblique abdominal section, ii. 511
 vertical abdominal section, ii. 512

- Postoperative dilatation of stomach, ii. 615
 hemorrhage, prevention, i. 181
 intra-abdominal hemorrhage, ii. 524
 pneumonia, prevention of, i. 180
 tetanus, i. 270
 treatment, i. 225
 of abdominal operations, ii. 529
 vomiting, ii. 615
- Postpartum hemorrhage, Momburg's constriction belt in, i. 365
- Post's anesthetic mixture, i. 119
- Posttraumatic neuroses, ii. 102
- Postural scoliosis, ii. 352, 353
- Potassium bitartrate for suppurating wounds, i. 212
 hydrate as caustic, i. 73
 hypochlorite as antiseptic, i. 64
 treatment of infected wounds, i. 247
 iodid in syphilis, i. 290
 mercuric iodid method for catgut, i. 35
 permanganate as antiseptic, i. 67
- Pott's disease, ii. 327
 abscess in, ii. 335. See also *Abscess in Pott's disease.*
 after-treatment on recumbent frame, ii. 334
 ambulatory treatment, ii. 329
 bone grafts in, i. 776. See also *Bone grafts of spine.*
 Bradford's frame in, ii. 328
 care of skin in, ii. 334
 corset in, ii. 334
 duration of treatment, ii. 338
 head support in, ii. 333
 horizontal fixation in, ii. 327
 jacket applied in, for cervical and upper dorsal disease, ii. 332
 high, ii. 332
 in suspension hammock, ii. 329
 with patient in prone position, ii. 329
 on back, ii. 331
 suspended, ii. 331
 jury-mast in, ii. 333
 Lorenz's reclining plaster-bed in, ii. 328
 lumbar involvement in, ii. 334
 metallic braces in, ii. 333
 operations on bodies of vertebræ in, ii. 337
 operative treatment, ii. 338
 paralysis in, ii. 337
 prognosis, ii. 335
 recumbent treatment, ii. 327
 fracture, i. 606
 puffy swelling of cranial bones, ii. 41
- Poultice for inflammations, i. 234
 in wound infection, i. 28
- Poupart's ligament, ligation of femoral artery below, i. 435
- Pregnancy, appendicitis in, iii. 102
 as factor in operation, i. 182
 ectopic, iii. 435
 dead fetus in, iii. 437
 rupture of tube in, iii. 435
 transplantation of, from Fallopian tube to uterus iii. 437
- Pregnancy, ectopic, with fetus growing in abdomen, iii. 436
 hysterectomy in, iii. 425
 treatment of mother in, for syphilis, i. 301
- Preparation of patient, i. 176. See also *Patient, preparation of.*
- Prepatellar bursitis, iii. 465
- Prepuce, iii. 248
 adherent, iii. 253
 dorsal incision of, iii. 257
 frenum of, rupture of, iii. 250
 short, iii. 254
 of clitoris, adhesions of, iii. 328
- Preputial balanitis, iii. 251
- Presacral abscess, iii. 459
- Presenile gangrene, i. 320
- Pressure as hemostatic, i. 334
 for chronic inflammation, i. 250
 ulcers, i. 313
- Pressure-pad in gastroptosis, ii. 711
- Pretibial bursitis, iii. 465
- Prevention of adhesions, ii. 515, 520, 521
- Prevesical space, iii. 182
- Priapism, iii. 254
- Primrose poisoning, i. 826
- Private houses, operations in, i. 169
- Probes, i. 75
- Processus pyramidalis, ii. 380
- Procidentia uteri, iii. 375
- Proctectomy for rectal cancer, iii. 75
- Proctitis, iii. 61
 syphilitic, iii. 61
 tubercular, iii. 61
 ulcerative, iii. 61
- Proctoclysis, i. 344; iii. 55
 after abdominal operations, ii. 533
 apparatus for, iii. 56, 57
 device for heating solution for, ii. 58
 glucose solution in, iii. 58
 in peritonitis, ii. 547
 length of time for, iii. 56
 salt solution for, iii. 57
 sea-water, for thirst, iii. 58
 sugar solution for, iii. 58
 uses, iii. 56
- Proctopexy for rectal prolapse, iii. 68
- Proctoscope, iii. 56
- Proctotomy, external, in rectal cancer, iii. 75
 stricture, iii. 65
 internal, in stricture of rectum, iii. 65
 vaginal, for rectal cancer, iii. 75
- Proflavin for infected wounds, iii. 810
- Prognathism, ii. 281
 operative treatment, iii. 688
 with malocclusion, ii. 283
- Prolapse of intestines, ii. 616
 of lacrimal gland, ii. 136
 of liver, iii. 113
 of ovary, iii. 434
 of rectum and anus, iii. 67
 alcohol injections in, iii. 68
 amputation in, iii. 68
 cautery in, iii. 67
 intestinal anastomosis in, iii. 69
 operation in, for narrowing caliber, iii. 68
 paraffin injections in, iii. 68

- Prolapse of rectum and anus, proctopexy
 for, iii. 68
 tamponing in, iii. 68
 of spleen, ii. 784
 of urethra, iii. 331
 of uterus, iii. 376
 Goffe's operation for, iii. 379
 Harris' operation for, iii. 379
 hysterectomy for, iii. 380
 in young girls, iii. 376
 interposition in, iii. 378
 operative treatment, iii. 376
 paraffin prosthesis for, iii. 691
 pessary for, iii. 376
 prevention, iii. 376
 Walbaum's operation for, iii. 379
- Proliferative endometritis, chronic, iii. 370
- Propäsin in local anesthesia, i. 137
- Prostate, iii. 226
 abscess of, iii. 229
 anatomy, iii. 226
 atrophy of, iii. 248
 cancer of, iii. 246
 radium in, iii. 712
 capsule of, iii. 227
 cysts of, iii. 248
 diseases of, as factor in operation, i. 182
 fibroma of, iii. 246
 hypertrophy of, iii. 231. See also *Hypertrophy of prostate*.
 infections of, iii. 229
 injuries of, iii. 228
 irritable, iii. 248
 massage of, for prostatitis, iii. 230
 myoma of, iii. 246
 preparation of, for operation, i. 180
 sarcoma of, iii. 248
 stone in, iii. 248
 thickening of isthmus, urinary retention from, iii. 212
 tuberculosis of, iii. 230
 tumors of, iii. 246
- Prostatectomy, anesthesia for, iii. 234
 choice of operation, iii. 233
 for cancer, iii. 247
 for hypertrophy, iii. 232
 indications for, iii. 232
 perineal, iii. 234
 for cancer, iii. 247
 hemorrhage in, iii. 236
 incision for, iii. 235
 preparation for operation, iii. 233
 suprapubic, iii. 237. See also *Suprapubic prostatectomy*.
- Prostatic bars, iii. 244
 sinuses, iii. 249
 urethra, iii. 249
 urethrotomy, for stricture, iii. 299
- Prostatitis, acute, iii. 229
 chronic, iii. 230
 massage of gland for, iii. 230
- Prostatorrhoea, iii. 248
- Prostatotomy, galvanocautic, for hypertrophy, iii. 232
- Prosthesis for defects after resection of jaws,
 i. 726
- Prosthesis for lower jaw, i. 728
 plumper for, i. 728
 of upper jaw, i. 726
 plumper for, i. 727
 paraffin, iii. 688. See also *Paraffin prosthesis*.
 rubber, in paralysis of muscles, i. 796
- Prosthetic apparatus, iii. 607
 end-bearing stumps for, iii. 614
 for face, iii. 686
 for lower extremities, iii. 611
 motor, iii. 611
 for upper extremities, iii. 607
 motor, iii. 607
 hook-arm, iii. 609
 simple, iii. 609
 with movable joints, without cineplastic stumps, iii. 608
 supports in rhinoplasty, iii. 667
- Prostration as contra-indication to operation, i. 180
- Protargol as antiseptic, i. 67
- Protective inoculations, i. 255
 materials, impervious, i. 52
- Protectors, i. 48
 perineal, i. 48
- Proteid, injections of, i. 21
- Prurigo, i. 836
 x-rays in, iii. 704
- Pruritus, i. 843
 ani, i. 843
 autogenous vaccines in, iii. 65, 818
 operative treatment, iii. 66
 phenol in, iii. 66
 radium in, iii. 713
 of genitals, i. 843
 radium in, iii. 713
 x-rays in, iii. 704
- Psammoma of brain, ii. 75
- Pseudoleukemia, i. 464
 x-rays in, i. 465; iii. 705
- Pseudomembranous conjunctivitis, ii. 123
- Psoas abscess in Pott's disease, ii. 337
 parvus muscle, contracture of, simulating appendicitis, i. 796
- Psoriasis, i. 833
 chrysoarobin-serum treatment, i. 835
 local treatment, i. 834
 of tongue, i. 834; ii. 289
 radium in, iii. 713
 vaccines in, i. 835
 x-rays in, iii. 705
- Psychic treatment of shock, i. 216
- Psychoses, traumatic, ii. 102
- Pterygium, ii. 124
 operations for, ii. 149
- Ptomain poisoning, i. 259
- Ptosis of eyelids, ii. 119
 operations for, ii. 138
 of hepatic flexure of colon, ii. 616
 of splenic flexure of colon, ii. 616
 of transverse colon, ii. 616
 of upper eyelid, ii. 120; iii. 820
- Pubotomy, iii. 410
- Pudic artery, internal, ligation of, i. 431
 nerve, blocking of, i. 153

- Puerperal injuries of pelvic outlet, iii. 333
 pyemia, iii. 371
 septicemia, iii. 370
 vaccine and serum therapy in, i. 257
 Puffy swelling of cranial bones, ii. 41
 Pug-nose, plastic operation for, iii. 684
 Pulmonary artery, embolism of, i. 457
 diseases as factor in operation, i. 182
 emphysema, rib resection in, ii. 419
 hyperemia, postoperative, i. 227
 pleura, ii. 399
 Pulsating exophthalmos, ii. 137
 in arteriovenous aneurism of cavernous sinus, ii. 73
 Pulse in general anesthesia, i. 98
 Punch operation for prostatic bars, iii. 245
 Puncta lacrimalia, malposition of, ii. 136
 Punctate skin-grafting, iii. 643
 Puncture, laryngeal, anesthesia by, i. 125
 lumbar, ii. 348. See *Lumbar puncture*.
 of kidney, exploratory, iii. 163
 of pregnant uterus, iii. 361
 of renal pelvis, iii. 163
 venous, i. 453
 Punctured wounds, i. 219
 of joints, i. 654
 of liver, iii. 107
 of uterus, iii. 360
 Purgation, dangers of, before operation, iii. 808
 Purpura, hemorrhage in, i. 360
 Purse-string operation for small umbilical hernia, iii. 41
 suture, i. 201
 for closing lumen of intestines, ii. 681
 infolding, iii. 809
 of intestines, ii. 635
 Purulent nonspecific conjunctivitis, ii. 121
 Pus in vitreous, ii. 134
 inoculations in suppuration, i. 258
 kidney, iii. 148
 Putrefactive organisms, wound infection with, i. 212
 Pyelitis, iii. 147
 chronic, iii. 147
 suppurative, iii. 147
 Pyeloplication in hydronephrosis, iii. 153
 Pyelotomy, iii. 164
 Pyemia, i. 260
 puerperal, iii. 371
 Pylorectomy, ii. 747
 partial, ii. 751
 gastrojejunostomy after, ii. 755
 shock in, ii. 776
 Pyloric end of stomach, cancer of, operation for, ii. 756
 resection of, ii. 751
 gastrojejunostomy after, ii. 755
 stenosis, ii. 717
 acquired hypertrophic, ii. 720
 cicatricial, ii. 720
 congenital, ii. 717
 indications for operation in, ii. 719
 mortality from, ii. 719
 of infancy, ii. 717
 posterior gastro-enterostomy in, ii. 719
 simple, pyloroplasty in, ii. 740
 Pyloric stenosis, spasmodic, ii. 720
 ulcer, ruptured, pyloroplasty in, ii. 740
 Pylorodiosis, ii. 737
 Pyloroplasty, ii. 740
 angular clamp for, ii. 747
 by single incision, ii. 740
 feeding after, ii. 778
 freeing duodenum for, ii. 739
 in duodenal ulcer, ii. 578
 indications for, ii. 740
 with gastroduodenostomy, ii. 741
 Pylorospasm, pyloroplasty in, ii. 740
 Pylorus, anatomy, ii. 698
 carcinoma of, ii. 720
 exclusion of, ii. 771
 permanent occlusion of, in duodenal ulcer, ii. 578
 reconstruction of, ii. 776, 777
 Pyocyanus infection, i. 261
 Pyoktanin as antiseptic, i. 71
 in inoperable cancer, i. 332
 Pyonephrosis, iii. 148
 Pyorrhea alveolaris, ii. 277
 Pyothorax, ii. 402. See also *Empyema*.
 Pyxol as antiseptic, i. 70

 QUADRICEPS extensor of thigh, paralysis of, tendon transplantation in, i. 812
 femoris muscle, tendons of, luxations of, i. 812
 Quinin and urea chlorid injections in hemorrhoids, iii. 70
 hydrochlorid, as local anesthetic, i. 137
 injections in hyperthyroidism, ii. 390
 hydrochlorid as antiseptic, i. 71
 Quinsy, ii. 212

 RACE as factor in surgical treatment, i. 17
 Rachitic spine, ii. 350
 torticollis, ii. 377
 Racket method of amputation, iii. 516
 Radial artery, ligation of, i. 421
 of deep palmar branch, i. 426
 bursa, infections of, iii. 448, 449
 Radiation for cancer of uterus, iii. 424
 injuries from, iii. 716
 Radical mastoid operation, ii. See also *Mastoid operation, radical*.
 Radiotherapy, iii. 709
 Radium, iii. 709
 alpha rays of, iii. 709
 applicators, iii. 709, 713
 beta rays of, iii. 709
 compress, iii. 715
 dosage, iii. 709
 effect on cancer tissue, iii. 710
 emanation, iii. 709
 filters for rays of, iii. 709
 for inoperable epithelioma of face, iii. 710
 gamma rays of, iii. 709
 in angioma, iii. 714
 in cancer of bladder, iii. 712
 of breast, iii. 713
 of esophagus, iii. 712
 of pelvis, iii. 714
 of prostate, iii. 712

Radium in cancer of rectum, iii. 712
 of stomach, iii. 712
 of uterus, iii. 711
 of vagina, iii. 711
 in chronic eczema, iii. 713
 in epithelioma of tongue, iii. 712
 in exophthalmic goiter, iii. 713
 in fibroid tumors of uterus, iii. 712
 in hyperthyroidism, ii. 390
 in inoperable cancer, i. 333
 in keloids, iii. 713, 714
 in keratosis from x-rays, iii. 714
 in lupus erythematosus, iii. 713, 714
 in myoma of uterus, iii. 712
 in nevus of scalp and face, iii. 714
 in pruritus, iii. 713
 ani, iii. 713
 in psoriasis, iii. 713
 in sarcoma, iii. 713
 in sycosis vulgaris, iii. 714
 in warts, iii. 713
 salts of, iii. 709
 Radium and ulna, union of, iii. 451
 dislocations of, backward, i. 637
 congenital, i. 618
 forward, i. 637
 old, i. 638
 outward, i. 637
 excision of, i. 731
 fractures of, i. 572
 of head, i. 572
 of lower end, i. 575. See also *Fracture, Colles'*.
 of neck, i. 572
 of shaft, i. 573
 resection of, i. 731
 subluxations of head, by traction, i. 637
 Ransohoff's operation for sliding hernia of large intestine, iii. 49
 Ranula, ii. 291
 Raynaud's gangrene, i. 318
 Reaction, electric, of motor areas of brain, testing for, ii. 51
 Reactionary hemorrhage, i. 358
 Reading, brain center of, ii. 44
 Rebreathing in anesthesia, i. 123
 Receptaculum chyli, septic infection of, ii. 361
 wounds of, i. 460
 Reconstruction of bladder, iii. 226
 of finger, plastic, iii. 458
 of nose, plastic, iii. 666
 of pylorus, ii. 776, 777
 Reconstructive operation in aneurism, i. 389
 Recovery room, i. 167
 Rectal anesthesia, ether vapor, i. 114
 oil-ether, i. 110. See also *Oil-ether, rectal anesthesia*.
 drainage in abdominal operations, ii. 528
 injections in appendicitis, ii. 549
 speculum, hinged, iii. 55
 open-frame, iii. 55
 tube after abdominal operations, ii. 531
 Rectocele, iii. 342
 Recto-uterine ligaments, iii. 325
 pouch, iii. 324

Rectovaginal cul-de-sac, iii. 325
 fistula, iii. 67, 355
 Rectovesical fistula, iii. 06
 Rectum, iii. 53
 adenoma of, iii. 74
 anatomy, iii. 53
 and anus, prolapse of, iii. 67
 cancer of, iii. 75. See also *Cancer of rectum*.
 erosions of, iii. 61
 foreign bodies in, iii. 66
 imperforate, iii. 66
 implantation of ureters into, iii. 179
 inflammation of, iii. 61. See also *Proctitis*.
 injuries of, iii. 60
 lacerations of, old complete, iii. 342
 of perineum into, complete, iii. 334
 operation on, inspiratory moan in, iii. 61
 local anesthesia in, i. 152
 papilloma of, iii. 74
 polyps of, iii. 75
 preparations for operation on, iii. 54
 stricture of, iii. 64
 external proctotomy in, iii. 65
 internal proctotomy in, iii. 65
 syphilitic, iii. 65
 tumors of, iii. 74
 benign, iii. 74
 malignant, iii. 75
 ulceration of, amebic, iii. 61
 upper part, cancer of, ii. 591
 wounds of, iii. 60
 Rectus muscle, advancement of, ii. 176
 folding operation on, ii. 176
 internal, tenotomy of, in strabismus, ii. 175
 shortening of, ii. 176
 Recurrent bandage, iii. 742
 dislocations, i. 612
 laryngeal nerve, anatomy, ii. 380
 injuries and diseases of, i. 892
 Redundant sigmoid, chronic intestinal stasis from, ii. 612
 Reëducation of crippled, iii. 615
 Regional anesthesia, i. 127
 Reid's method of craniocerebral localization, ii. 49
 Reindeer tendon sutures, i. 37
 Relaxation incisions for scars, iii. 693
 of ligaments of spine, i. 357
 of sacro-iliac joint, iii. 459
 Relaxed abdominal wall, ii. 540
 crucial ligament, i. 653
 knee-joint, i. 686
 Renal. See *Kidney*.
 Replacement of amputated fingers, iii. 649
 Resection, double, in nontoxic goiter, ii. 385
 intestinal, ii. 636
 of alveolar process of lower jaw, i. 725
 of upper jaw, i. 723
 of ascending colon, indications for, ii. 642
 of bladder, iii. 224
 of bones, i. 717
 of pelvis, i. 732
 of calcaneum, i. 734

- Resection of cardia for cancer, ii. 756
 of cecum, indications for, ii. 642
 of clavicle, i. 729
 of colon, preventing obstruction to passage of gas in, ii. 644
 of costal cartilages in rigidity of chest, ii. 422
 in tuberculosis, ii. 419
 of esophagus, of lower segment, ii. 470
 of eyelids, blepharoplasty for, ii. 147
 of femur, i. 732
 of fibula, i. 734
 of half of body and ramus of lower jaw, i. 725
 of lower jaw, i. 724
 of head of scapula i. 730
 of humerus, i. 730
 of jaws, defects after, prosthetic apparatus for, i. 726
 of joints, i. 738
 of knee-joint, i. 751
 of liver, iii. 112
 of lower jaw, i. 724
 segment of upper jaw, i. 722
 of metacarpal bones, i. 731
 of outer wall of orbit, ii. 163
 of part of lobe of thyroid gland, ii. 389
 of phalanges, i. 731
 of posterior cervical nerves in torticollis, ii. 376
 of pyloric end of stomach, ii. 751
 gastrojejunostomy after, .ii. 755
 of radius, i. 731
 of rectum with preservation of sphincter ani for cancer, iii. 84
 of scapula, i. 730
 of segment of lower jaw, i. 726
 of spermatic nerve plexus for dysmenorrhea, iii. 396
 of spinal accessory nerve in torticollis, ii. 376
 of spleen, ii. 787
 of thoracic esophagus, ii. 463
 of tibia, i. 733
 of trachea, ii. 237
 of transverse colon, with preservation of omentum, ii. 646
 of ulcer of stomach, ii. 759
 of ulna, i. 731
 of upper jaw, 717
 segment of upper jaw, i. 723
 of zygoma for exposure of temporomaxillary joint, i. 740
 osteoplastic, of anterior portion of palate, i. 723
 of hard palate, i. 723
 submucous, of nasal septum, ii. 190
 Resin plaster, i. 54
 Resistance to disease as factor in surgical treatment, i. 19, 26
 Respiration, artificial, iii. 717, 730. See also *Artificial respiration*.
 in general anesthesia, i. 98
 in general anesthesia, i. 97
 Respiratory resuscitation apparatus, iii. 728
 Rest treatment for infected wounds, i. 187
 for infections of extremities, iii. 444
 in tuberculosis, i. 279
- Rest treatment of acute inflammation, i. 229
 of chronic inflammation, i. 250
 Resterilization of supplies, i. 51
 Restoration of amputated fingers, iii. 458
 plastic, of auricle, iii. 649
 of totally destroyed nose, iii. 666
 Restorative operation in aneurism, i. 389
 Restraint in general anesthesia, i. 101
 Resuscitation after hanging, iii. 733
 apparatus, respiratory, iii. 728
 artificial respiration for, iii. 730
 by heart massage, iii. 821
 by intratracheal insufflation, iii. 730
 in asphyxia, iii. 733
 in drowning, iii. 733
 in smoke asphyxia, iii. 733
 mouth-to-mouth inflation for, iii. 730
 Retention of urine, iii. 209
 from acute inflammation of deep urethra, iii. 210
 from atonic overdistention, iii. 209
 from bacteriuria, iii. 212
 from blood-clot in bladder, iii. 212
 from contracture at vesical meatus, iii. 212
 from cystitis, iii. 212
 from foreign bodies in urethra, iii. 211
 from hematoma, iii. 211
 from hypertrophy of prostate, iii. 211
 from infiltration of perineum, iii. 211
 from nervous disorder, iii. 209
 from rupture of urethra, iii. 210
 from spasmodic stricture, iii. 210
 from stone in bladder, iii. 211
 from thickening of prostatic isthmus, iii. 212
 from tumor compressing urethra, iii. 211
 from urethral cancer, iii. 212
 postoperative, i. 226
 stricture of urethra with, iii. 299
 Retina, detachment of, ii. 134
 diseases of, ii. 134
 glioma of, ii. 135
 hemorrhage into, ii. 135
 Retinitis, ii. 134
 diabetic, ii. 134
 hemorrhagic, ii. 134
 leucocythemic, ii. 134
 nephritic, ii. 134
 syphilitic, ii. 134
 Retracted nipples, ii. 473
 Retractors, i. 77, 78
 extemporized, i. 87
 for abdominal operations, ii. 514, 515
 vaginal, iii. 398
 Retro-auricular glands, ii. 363
 Retroflexion of uterus, iii. 386
 Retro-omental route of approach to pancreas, ii. 779
 Retro-orbital tubercle, ii. 46
 Retroperitoneal abscess, ii. 563
 cysts, ii. 564
 disease, ii. 563
 exposure of ureter and kidney, iii. 171
 hernia, iii. 50

- Retroperitoneal infection, ii. 563
tumors, ii. 563
- Retropharyngeal abscess, ii. 205
in Pott's disease, ii. 335
glands, ii. 363
- Retro-uterine plication of round ligaments for retroversion, iii. 392
- Retroversion of uterus, iii. 386
anterior peritoneal fixation for, iii. 393
chronic, iii. 389
fixation of round ligaments in abdominal wall for, iii. 391
from childbirth, iii. 388
from miscarriage, iii. 388
from traumatism, iii. 389
intra-abdominal fixation of round ligaments for, iii. 392
operations for, iii. 390
pessaries in, iii. 387, 388
plication of anterior of broad ligament for, iii. 392
recent, iii. 389
retro-uterine plication of round ligaments for, iii. 392
shortening of round ligaments for, iii. 390
ventrosuspension for, iii. 393
- Reverdin's method of skin-grafting, iii. 644
- Rheumatic arthritis, i. 660
fever, i. 660
iritis, ii. 129
synovitis, i. 660
torticollis, ii. 377
- Rheumatism, i. 658, 660
articular acute, i. 660
- Rheumatoid arthritis, i. 661
- Rhinitis, acute simple, ii. 186
in children, ii. 186
atrophic, ii. 187
chronic, ii. 186
simple, ii. 186
hyperplastic, ii. 187
membranous, ii. 186
suction treatment, ii. 186
- Rhinoliths, ii. 188
- Rhinophyma, ii. 188
- Rhinoplasty, iii. 666
bony and cartilaginous supports for flaps in, iii. 669
by soft flaps, iii. 667
complete, iii. 666
osteoplastic, iii. 669
partial, iii. 677
prosthetic supports in, iii. 667
soft-flap, with septum reconstruction, iii. 667
transfer of bone and cartilage from distant parts in, iii. 672
with cartilage from costal arch, iii. 673
with cartilaginous support, iii. 671
with double skin flaps, iii. 667
with foreign body support, iii. 677
with transfer of bone and cartilage from distant parts, iii. 672
with transplanting of distant structures, iii. 674
of little finger, iii. 674
- Rhinorrhea, cerebrospinal, ii. 73
- Rhinoscleroma, x-rays in, iii. 705
- Rhizotomy, ii. 344
in gastric crises of tabes, ii. 347
in neuralgia, ii. 346
in spastic paralysis, ii. 346
- Ribs, caries of, ii. 398
cervical, ii. 373
dislocation of, i. 623
fractures of, i. 549
necrosis of, ii. 398
resection, in pulmonary emphysema, ii. 419
syphilis of, ii. 398
tuberculosis of, ii. 308
- Rib-trephining for empyema, ii. 407
- Richardson's double figure-of-eight suture, ii. 519
- Rickets, i. 321
- Rider's thigh, i. 788
- Ridge, superciliary, ii. 46
of supra-orbital arch, ii. 46
- Riggs' disease, ii. 277
- Rigid flat-foot, iii. 488
- Rigidity of chest, ii. 421
- Ring fingers, infection of, iii. 447
- Ringer's solution, i. 58
- Ringworm, i. 839
of scalp, i. 839, 840
vaccines in, i. 840
- Ripening, artificial, in cataract, ii. 133
- Ritschl's dorsal pad for talipes cavus, iii. 489, 490
- Rivallié's caustic, i. 74
- Roberts' treatment for ptosis of upper eyelid, iii. 820
- Robinson's apparatus for intratracheal insufflation, ii. 450
method of thoracoplasty, ii. 410
muscle implantation in empyema, ii. 411
- Robson's decalcified bone bobbin for intestinal anastomosis, ii. 675
technic for jejunostomy, ii. 697
- Rodent ulcer, i. 315
- Rogers' laryngeal intubation tube, ii. 220
- Rolandic fissure, ii. 46
lower end, ii. 46
point, superior, ii. 46
- Rolled splints, i. 477
- Roller bandage, improvised from square, iii. 794
forceps operation in trachoma, ii. 150
- Rollier treatment of tuberculosis, i. 280; iii. 707
- Röntgen rays. See *X-rays*.
- Root infections of teeth, ii. 275
- Rosenstein's method of drainage in ascites, ii. 561
- Rotary dislocations of knee, i. 648
of patella, i. 648
- Rotation, inward, of feet, iii. 495
of testicles, iii. 307
- Round ligaments, iii. 325
fixation of, in abdominal wall, [for retroversion, iii. 391
hydrocele of, iii. 316

- Round ligaments, intra-abdominal fixation
of, for retroversion, iii. 392
retro-uterine plication of, for retrover-
sion, iii. 392
shortening of, for retroversion, iii. 390
shoulders, ii. 351
- Round-cell sarcoma, small, of bones, i. 709
- Routte's method of drainage in ascites, ii.
560
- Roux's method of anterior gastrojejunos-
tomy, ii. 771
of esophagogastrojejunostomy, ii. 464
- Rovsing's method of gastropexy, ii. 713
operation of nephrolysis, iii. 170
- Rubber bandages, i. 56
cushions, i. 22, 23
dam, i. 53
drainage tubes, i. 45
finger cots, i. 53
gloves, care of, i. 174
method of adjusting, i. 174
sterilization of, i. 52. See also *Gloves,*
rubber, sterilization.
ligature method of intestinal anastomosis,
ii. 675
pads, i. 53
prosthesis in paralysis of muscles, i. 796
protective for open wounds, i. 209
sheeting, i. 53
tissue, i. 53
- Rubefacients for inflammations, i. 234
- Rückstand tuberculin, i. 257
- Rudimentary penis, iii. 254
uterus, iii. 375
- Rugh's operation for toe-drop, iii. 483
- Runabout nurse, i. 169
- Running ear, ii. 310
- Rupture. See *Hernia.*
of abdominal muscles, ii. 535
of bladder, iii. 190
extraperitoneal, iii. 191
intraperitoneal, iii. 191
of choroid, ii. 131
of crucial ligaments, i. 653
of esophagus, ii. 432
of Fallopian tubes, iii. 430
of frenum of prepuce, iii. 250
of intestines, ii. 566
of kidney, iii. 144
of liver, iii. 106
of lung, ii. 413
of lymphatic vessels, i. 460
of perineum, iii. 333
of sphincter ani with laceration of peri-
neum, iii. 342
of spleen, ii. 784
of stomach, ii. 702
of tendons, i. 797
of thoracic duct in abdomen, ii. 361
in thorax, ii. 361
of urethra, urinary distention from, iii.
210
of uterus, iii. 361
traumatic, of tympanic membrane, ii.
306
ulcerative, of tympanic membrane, ii.
306
- Russell's operation for hypospadias, iii. 267
- Ruth's operation in cancer of breast, ii.
489
- Rydygier's method in old unreduced hip
dislocations, i. 647
of splenopexy, ii. 787
- SAC, lacrimal. See *Lacrimal sac.*
- Sacral epidural injections for anesthesia, i.
162
injection of salt solution for enuresis, iii.
208
pains, epidural injections for, iii. 461
- Sacrococcygeal region, sinuses of, iii. 461
tumors of, iii. 460
- Sacro-iliac joint, i. 651
bone-grafts in, i. 783
diseases of, ii. 355
injuries of, iii. 459
relaxation of, iii. 459
sprains of, i. 651
strains of, iii. 461
tuberculosis of, i. 680; ii. 355
- Saddle-nose, ii. 192
hard-rubber bridge in, ii. 194
paraffin injections in, ii. 194
plastic operations for, iii. 682
swinging up half of lateral cartilage in, ii.
193
- Safety-pin hemostat, Friedman's, in scalp
operations, ii. 20, 22
- Sagittal sinus, intravenous infusion into, in
infants, i. 347
suture, ii. 46
- Salicylic acid as antiseptic, i. 67
- Saline infusion, i. 346
gum acacia in, i. 348
in amputation, iii. 501
in sagittal sinus in infants, i. 347
intracellular, i. 346
intravenous, i. 346
- pack for infected wounds, i. 241
injections through biliary fistula, iii. 117
solutions, i. 58
chlorinated, i. 63
for filling bone cavities, i. 705
for proctoclysis, iii. 57
normal, as local anesthetic, i. 139
injections of, in sciatica, i. 878
- Salivary ducts, calculi of, ii. 291, 379
fistula, parotid, ii. 377
glands, ii. 377
tumors of, ii. 379
- Salpingitis, acute, iii. 426
chronic, iii. 427
nonacute, iii. 427
abdominal section in, iii. 427
vaginal operation in, iii. 427
subacute, iii. 427
tuberculous, iii. 428
- Salpingo-ureterostomy, iii. 180
- Salts, organic silver, as antiseptic, i. 66
- Salvarsan in general paresis, i. 294
in inoperable cancer, i. 332
in locomotor ataxia, i. 294
in paresis, intraventricular injection, i.
296

- Salvarsan in syphilis, i. 291
 apparatus for injection, i. 292, 293
 arsenical poisoning from i. 293
 by enteroclysis, i. 297
 by mouth, i. 297
 contraindications, i. 292
 dosage, i. 293
 following mercury, iii. 814
 intramuscular injections, i. 297
 intraspinal method, i. 294
 intraventricular injection, i. 296
 preparation of solution, i. 291
 subcutaneous injection, i. 297
 subdural intracranial injections, i. 296
 in yaws, i. 303
 technic of injection, i. 292
- Salvarsanized serum in syphilis, i. 295
- Sand bags, i. 82
 in treatment of varicose ulcers, i. 311
- Sand-fleas, bites of, i. 276
- Saphenous vein, anastomosis of, with peritoneum, in ascites, ii. 560
 internal, ligation of, in varicose veins, i. 449
- Sarcoma, bone, i. 470
 cutis, x-rays in, iii. 705
 giant-cell, of long bones, i. 707, 709
 of abdominal wall, ii. 538
 of bones, i. 470
 mixed-cell, i. 709
 small round-cell, i. 709
 spindle-cell, i. 709
 of deeper parts, x-rays in, iii. 705
 of gums, ii. 280
 myeloid, ii. 280
 of intestines, ii. 583
 of jaws, ii. 286
 myeloid, ii. 286
 peripheral, ii. 286
 of kidney, iii. 151
 of peritoneum, ii. 564
 of prostate, iii. 248
 of skull, ii. 42
 of stomach, ii. 703
 of testicles, iii. 306
 of thyroid gland, ii. 381
 of tibia, i. 706
 of ulna, i. 707
 of uterus, iii. 375
 of vulva, iii. 328
 radium in, iii. 713
- Sartorius, tendons of, tenotomy of, i. 815
- Sawdust dressings, i. 42
- Sayre's dressing, modified, in fractures of clavicle, i. 552
- Scab formation in nose, ii. 187
- Scabies, i. 848
- Scaffold splint in fracture of shaft of humerus, i. 564
- Scalp, ii. 17
 abscess of, ii. 24
 accidental wounds of, ii. 18
 and chin, bandage of, iii. 786
 and face, bandage of, iii. 786
 avulsion of, ii. 23
 complete, ii. 23
 bandage of, cravat, iii. 784
- Scalp, bandage of, double lateral, iii. 744
 cellulitis of, ii. 23
 contusions of, ii. 17
 eczema of, i. 832
 erysipelas of, ii. 24
 hematoma of, ii. 17
 infections of, ii. 23
 nevus of, radium in, iii. 714
 preparation of, for operation, i. 180; ii. 20
 ringworm of, i. 839, 840
 vaccines in, i. 840
 seborrhea of, i. 844
 tumors of, ii. 24
 wounds of, control of hemorrhage in, ii. 18
 infection in, ii. 18
 operative, ii. 19, 20
 suture of, ii. 19
- Scalpel, methods of holding, i. 184
 penholder hold of, i. 185
 table knife hold of, i. 185
 violin hold of, i. 184
- Scapula, excision of, i. 730
 fractures of, i. 556. See also *Fracture of scapula*.
 muscles moving, i. 892
 resection of, i. 730
 of head of, i. 730
- Scarf bandage, universal, iii. 793
- Scarification of ulcers, i. 310
- Scarlatina, surgical, i. 261
- Scarpa's triangle, lower part, ligation of femoral artery at, i. 435
- Scars, i. 225
 adherent, i. 225
 fat-grafts to prevent, iii. 648
 moist warm packs for stretching, iii. 693
 painful, i. 225
 relaxation incisions for, iii. 693
- Schäfer's method of artificial respiration, iii. 717
 in general anesthesia, i. 98
- Schede's method of approach for resection of thoracic esophagus, ii. 463
 of filling bone cavities with blood-clot, i. 704
 of obliterating empyema cavities, ii. 411
- Schiassi's serum, i. 58
- Schichhold method of reducing shoulder dislocations, i. 628
- Schleich's solutions, i. 119
 for local anesthesia, i. 135
- Schnellender finger, iii. 456
- Schroeder's apparatus for moving bones in fractures, i. 497
- Schultz's adenotome, ii. 209
- Schwartz's operation for reducing size of ear, iii. 652
- Sciatic artery, ligation of, i. 431
 hernia, iii. 45
 nerve, injuries of, i. 898
- Sciatica, i. 878
 in locomotor ataxia, i. 879
 injections of air in, i. 879
 of normal salt solution in, i. 878

Sciatica, nerve stretching in, i. 879
 spinal anesthesia in, i. 879
 Sclavo's serum in anthrax, i. 272
 Sclera, diseases of, ii. 128
 foreign bodies of, ii. 129
 operations on, ii. 156
 simple trephining of, in glaucoma, ii. 162
 staphyloma of, ii. 129
 trephines, ii. 163
 tumors of, ii. 129
 wounds of, ii. 129
 Scleritis, ii. 128
 Scleroderma, i. 843
 Sclerokerato-iritis, ii. 128
 Sclerosis of erectile bodies of penis, iii. 255
 of ovary, iii. 431
 Sclerotomy, anterior, ii. 156
 combined with iridectomy, ii. 157
 for glaucoma, ii. 161
 internal, ii. 157
 posterior, ii. 157
 with trephine in glaucoma, ii. 162
 Scoliosis, ii. 352
 causes, ii. 352
 corset for, ii. 353
 decompression corset in, ii. 354
 exercises in, ii. 353
 functional, ii. 353
 hammock for lateral correction in, ii. 354
 inclined plane seat in, ii. 353
 organic, ii. 354
 paralytic, bone grafts in, i. 782
 postural, ii. 353
 posture in, ii. 352
 prophylactic treatment, ii. 352
 self-suspension in, ii. 353
 structural, ii. 354
 Scopolamin hydrobromid as mydriatic, ii. 118
 narcosis, i. 124
 Scorbutic ulcers, i. 314
 Scorpion, bites of, i. 276
 Screws in fractures, i. 507
 Scrotum, iii. 301
 abscess of, iii. 302
 anatomy, iii. 301
 bandage of, iii. 777
 suspensory, iii. 781
 hammock, iii. 782
 eczema of, i. 832
 edema of, iii. 302
 elephantiasis of, i. 464; iii. 302
 elongation of, iii. 302
 erysipelas of, iii. 302
 gangrene and sloughing of, iii. 302
 hemorrhage into, iii. 302
 infections of, iii. 302
 operations on, local anesthesia in, i. 152
 tumors of, iii. 303
 wounds of, iii. 301
 Scrubbing hands, i. 173. See also *Sterilization of hands*.
 Scurvy, i. 321
 hemorrhage in, i. 360

Sea sponges, i. 42
 water for inflammations, i. 234
 in septicemia of unknown origin, i. 261
 proctoclysis for thirst, iii. 58
 Sebaceous cyst, i. 845
 of face, ii. 115
 of scalp, ii. 24
 Seborrhea, i. 844
 of eyelids, ii. 119
 of scalp, i. 844
 oleosa, i. 845
 Secondary cataract, operations for, ii. 174
 hemorrhage, i. 358
 Section, abdominal, ii. 504. See also *Abdominal section*.
 Cesarean, iii. 401, 404. See also *Cesarean section*.
 Security, museums of, iii. 722
 Seiff and Berkowitz's treatment of paronychia, iii. 442
 Self-performed operations, i. 224
 Self-suspension in scoliosis, ii. 353
 Semilunar cartilage of knee-joint, i. 652
 Semimembranosus, tendons of, tenotomy of, i. 815
 Seminal vesicles, iii. 227, 301
 calculus of, iii. 278
 diseases of, iii. 275
 drainage of, with vesiculotomy, iii. 278
 exposure of, iii. 278
 inflammation of, iii. 275
 tuberculosis of, iii. 278
 vesiculitis, vasopuncture for, iii. 277
 vasostomy for, iii. 277
 vasotomy for, iii. 276
 Semitendinosus, tendons of, tenotomy of, i. 815
 Senile endometritis, iii. 370
 gangrene, i. 317
 osteomalacia, i. 471
 vaginitis, iii. 356
 Senn's method of controlling hemorrhage in of disarticulation of hip-joint, iii. 603
 of gastrostomy through internal cone, ii. 731
 Sensory area of brain cortex, ii. 45
 pain areas, i. 128
 Septic abortion, iii. 371
 infarction of kidney, iii. 146
 infection, acute, as factor in operation, i. 182
 of receptaculum chyli, ii. 361
 peritonitis, acute, ii. 548
 Septicemia, i. 259
 antitoxins in, i. 260
 bacteria causing, i. 259
 blood transfusion in, i. 260
 following wounds and abscesses, vaccines in, i. 257
 of unknown origin, i. 261
 intravenous injection of antiseptics in, i. 261
 sea water in, i. 261
 prophylaxis, i. 259
 puerperal, iii. 370
 vaccine and serum therapy in, i. 257
 serum therapy in, i. 256

- Septicemia, treatment, i. 260
 vaccines in, i. 256, 260
- Septum, nasal, ii. 179. See *Nasal septum*.
 fractures of, i. 540
- Sequences, anesthetic, i. 118
- Sequestration of blood for control of hemorrhage, i. 369
- Seromuscular intestinal suture, ii. 629
- Serous cysts of kidney, iii. 151
 effusion in pericardium, ii. 422
- Serum, i. 255
 beef, i. 59
 Calmette's, in snake bite, i. 275
 mercurialized, in syphilis, i. 295
 salvarsanized, in syphilis, i. 205
 Schiassi's, i. 58
 treatment, i. 255
 in anthrax, i. 272
 in gonorrhoea, iii. 283
 in hyperthyroidism, ii. 390
 in inoperable cancer, i. 332
 in puerperal septicemia, i. 257
 in septicemia, i. 256
 in tuberculosis, i. 279
- Sesamoid bone of thumb, fracture of, i. 582
- Seton in chronic inflammation, i. 250
- Seventh nerve, injuries of, ii. 63
 intracranial operations on, ii. 110
 operation on, in acoustic vertigo, ii. 112
 in tinnitus, ii. 112
 two-stage, by mastoid route, ii. 113
 tumors of, removal of, ii. 113
- Sewer-gas poisoning, iii. 721
- Sex as factor in surgical treatment, i. 18
- Sexual organs, female, iii. 322
 anatomy, iii. 322
 male, iii. 248
 anatomy, iii. 248
- Sharpening knives, i. 90
- Sheets, i. 48
 abdominal, i. 48
 rubber, i. 53
- Shell wounds, i. 222
- Shield for eye, ii. 138, 140
- Shingles, i. 830
- Shock, 213, 217
 acidosis in, i. 213
 as contra-indication to operation, i. 180
 as factor in surgical treatment, i. 25
 electric, iii. 716
 artificial respiration in, iii. 717
 intratracheal insufflation in, iii. 719
 rescue of victim after, iii. 716
 in abdominal operations, ii. 532
 in stomach operations, ii. 776
 local protection against, i. 215
 prevention of, i. 214
 in amputation, iii. 409
 susceptibility of children to, i. 19
 treatment of, i. 215
 urethral, iii. 275
- Shoemaker's suture, i. 198
- Shoes, iii. 496
 improper, iii. 496
 proper, iii. 496
 relation of, to foot diseases, iii. 496
- Shortening of rectus muscle, ii. 176
 tendons, i. 804
- Shoulder, amputation of, iii. 568
 by posterior approach, iii. 569
 and arm, bandage of, immobilizing, iii. 755
 ankylosis of, arthroplasty for, i. 761
 bandage of, ascending spica, iii. 753
 descending spica, iii. 754
 immobilizing, iii. 755
 triangular, iii. 791
 bursitis of, peri-articular, iii. 451
 disarticulation at, iii. 562
 by anterior racket incision, iii. 566
 by external flap, iii. 567
 racket incision, iii. 567
 control of hemorrhage in, iii. 563
 motor stump in, iii. 565
 stump in, iii. 565
 dislocations of, i. 626. See also *Dislocations of shoulder*.
 excision of, i. 741. See also *Excision of shoulder*.
 round, ii. 351
 sprains of, i. 652
 tuberculosis of, i. 679; iii. 450
- Shrapnel wounds, i. 222
- Sick-room dainties, fallacy of, i. 20
- Sick's method of tamponing in rectal prolapse, iii. 68
- Sigmoid, acute flexures of, chronic intestinal obstruction from, ii. 610
 anatomy, ii. 625
 angulations of, chronic intestinal obstruction from, ii. 610
 carcinoma of, ii. 589
 lower part, cancer of, ii. 591
 middle and upper, cancer of, ii. 592
 redundant, chronic intestinal stasis from, ii. 612
- Sigmoidostomy, anterior, ii. 693
 inguinal, ii. 685
 high, ii. 689
 low, ii. 690
- Silicate of soda splints, i. 485
- Silk ligaments in infantile paralysis with drop-foot, i. 802
 oiled, protective, i. 53
 paraffined, for sutures, i. 38
 tendons, i. 801
 thread sutures, i. 38
- Silver albuminate as antiseptic, i. 67
 citrate as antiseptic, i. 67
 colloidal as antiseptic, i. 67
 in bronchiectasis, ii. 419
 foil for covering wounds in plastic operations, iii. 624
 protective, i. 54
 ichthylol as antiseptic, i. 67
 lactate as antiseptic, i. 67
 nitrate as antiseptic, i. 66
 as caustic, i. 73
 salts, organic, as antiseptic, i. 66
 stains, removal of, i. 67
 wire sutures, i. 38
 for nephrotomy, iii. 164
- Silver-fork deformity in Colles' fracture, i. 575

Silvol as antiseptic, i. 67
 Simple rhinitis, acute, ii. 186
 chronic, ii. 186
 Sims' lateral position, iii. 397
 Sinclair's adhesive paste, i. 55
 Singers' nodules, ii. 222
 Sinuses, i. 304, 305
 accessory, foreign bodies in, ii. 188
 of nose, 179
 after operation in appendicitis, iii. 102
 bismuth paste injections in, i. 306
 cavernous, arteriovenous aneurism of, ii. 73
 thrombosis of, ii. 72
 cerebrospinal, ii. 73
 cranial, drainage of cisterna magna into, in hydrocephalus, ii. 98
 ethmoid, ii. 180
 suppuration of, ii. 197
 operation by orbital route in, ii. 198
 frontal, ii. 179. See *Frontal sinus*.
 infections of, intranasal treatment, ii. 201
 perforating into orbit, ii. 201
 intestinal, closure of, ii. 616
 maxillary, ii. 179. See *Maxillary antrum*.
 meningeal, injuries of, ii. 64
 of brain, ii. 44
 lateral, ii. 47
 of sacrococcygeal region, iii. 461
 pericrani, ii. 24
 pocularis, iii. 249
 prostatic, iii. 249
 sagittal, intravenous infusion into, in children, i. 347
 sphenoid, ii. 180
 suppuration of, ii. 198
 superior longitudinal, of brain, ii. 47
 venous, infections of, ii. 318
 thrombosis of, ii. 318
 Sixth nerve, injuries of, ii. 63
 Skene, ducts of, iii. 324
 Skillern's treatment of varicose ulcers, i. 311
 Skin, i. 820
 and muscle, equal flaps, amputation by iii. 517
 animal parasites of, i. 848
 burns of, i. 820. See also *Burns of skin*.
 condition of, in fractures, i. 476
 contusions of, i. 820
 cosmetics, i. 849
 diseases, atrophic, i. 843
 autoserum treatment, i. 849
 hypertrophic, i. 840
 involving conjunctiva, ii. 124
 of auricle, ii. 304
 of glands, i. 844
 dry, i. 844
 cold cream for, i. 849
 epithelioma of, x-rays in, iii. 705
 excessive sweating of, i. 844
 flaps, equal, amputation by, iii. 519
 grafts, removal of, local anesthesia for, i. 146
 hard, i. 841
 implantation of ureter into, iii. 180

Skin infections, i. 825
 inflammations, i. 825
 iodin to promote healing of, iii. 821
 irritation in chronic inflammation, i. 250
 lichenification of, radium in, iii. 714
 making bridge of, for transplantation in plastic operations, iii. 635
 massive transplantation, in plastic operations, iii. 635
 neuroses of, i. 843
 new growths of, i. 843
 poisoning, i. 825
 removal of tattoo marks, i. 849
 stretching, in plastic operations, iii. 626
 surface, turning in, to take place of mucous membrane in plastic operations, iii. 635
 suturing of, in amputation, iii. 513
 traumatism of, i. 820
 tuberculosis of, i. 837
 undercutting of, in plastic operations, iii. 629
 white, i. 843
 wire traction from, in fracture, i. 493
 wounds of, i. 820
 Skin-grafting, iii. 636
 adhesive-plaster dressing for, iii. 640
 anesthesia for, iii. 636
 best surface for, iii. 636
 blister grafts for, iii. 642
 care of wound of removal in, iii. 639
 cutting grafts for, iii. 636
 dermo-epidermic, iii. 644
 dressing after, iii. 639
 flocculent grafts for, iii. 643
 for treatment of contractures, iii. 642
 hairy skin, iii. 644
 intracellular, iii. 643
 on denuded bone surface, iii. 639
 placing grafts in, iii. 638
 preliminary sterilization for, iii. 636
 preparation of raw surface for, iii. 636
 previously prepared grafts for, iii. 642
 protective materials for, iii. 640
 punctate, iii. 643
 tunnel, iii. 644
 uses for, iii. 638
 with grafts from same patient, iii. 641
 zoödermic grafts for, iii. 642
 Skin-grafts, dressing, iii. 639
 flocculent, iii. 643
 from blisters, iii. 642
 method of cutting, iii. 636
 placing of, iii. 638
 previously prepared, iii. 642
 protective materials for, iii. 640
 zoödermic, iii. 632
 Skull, ii. 26
 arteries of, ligation of, incisions for, i. 404
 base of, anatomy, ii. 43
 bone grafts of, i. 775
 for defects, i. 775
 bones of, atrophy, ii. 41
 diseases of, ii. 41
 effects of pressure on, ii. 41
 infective diseases of, ii. 41
 injuries of, in newborn, iii. 695

- Skull, bones of, osteitis of, prevention, ii. 41
 periostitis of, i. 41
 Pott's puffy swelling of, ii. 41
 syphilis of, ii. 41
 tuberculosis of, ii. 41
 tumors of, ii. 42
 brain and, relations, ii. 46
 cancer of, ii. 42
 defects of, bone grafts for, i. 775
 operation for covering, i. 700
 osteoplastic operations for, i. 711
 deformities of, ii. 42
 fractures of, i. 532. See also *Fractures of skull*.
 landmarks of, ii. 45
 measure for determining thickness of, ii. 32
 operations on, ii. 26
 head prepared for, ii. 33
 instruments for, i. 26
 local anesthesia for, i. 140
 prevention of shock, i. 215
 trephine for, ii. 26, 27
 osteoma of, ii. 42
 sarcoma of, ii. 42
 simple indentation of, in newborn, iii. 695
 steeple, ii. 42, 178
 sutures of, ii. 45, 46
 topography of, ii. 48
 Sleep, twilight, i. 124
 Sliding bone grafts, i. 509
 flaps, plastic operations with, iii. 630
 hernia of large intestine, iii. 49
 splint of Volkmann, i. 491
 Slings, i. 49
 Slipping of knots in sutures, prevention, iii. 809
 Sloughing from paraffin prosthesis, iii. 692
 gangrene, i. 319
 ulcers, i. 314
 wounds, i. 221
 Smith-Hodge pessary, iii. 387
 Smithies' nonoperative treatment of gastric ulcer, ii. 720
 Smith's method of amputation of leg, iii. 589
 of disarticulation at knee-joint, iii. 592
 operation in cataract, ii. 170
 preliminary capsulotomy for immature cataract, ii. 168
 spring dressing in harelip, ii. 268, 269
 Smoke asphyxia, resuscitation in, iii. 733
 Snake bite, i. 274
 treatment, i. 275
 Snapping finger, iii. 456
 hip, iii. 465
 Snare, i. 79
 Soap, alcoholic, as antiseptic, i. 72
 enema, ii. 620
 treatment of infected wounds, i. 248
 Sodium borate as antiseptic, i. 67
 citrate method of indirect blood transfusion, i. 356
 dimethylarsenate in syphilis, i. 298
 hypochlorite as antiseptic, i. 61, 64
 in infected wounds, i. 242, 247
 in peritonitis, ii. 551
 Sodium oxymercury-orthonitro-phenolate
 as antiseptic, i. 59
 persulphate of tetanus, i. 268
 succinate in infections, i. 258
 Soft palate. See *Palate, soft*.
 Soft-flap rhinoplasty with septum reconstruction, iii. 667
 Soiled wounds, treatment, i. 186
 Solidified alcohol as antiseptic, i. 72
 Solutions, i. 57, 58
 acid bichlorid, as antiseptic, i. 59
 boro-salicylic, as antiseptic, i. 68
 gutta-percha, as protective, i. 53
 hypertonic, injection of, i. 138
 hypochlorite, method for, i. 62
 hypotonic, injection of, i. 138
 isotonic, injection of, i. 138
 Labarraque's, as antiseptic, i. 64
 Locke's, i. 58
 McDonald's, as antiseptic, i. 70
 Ringer's, i. 58
 saline, chlorinated, i. 63
 Schiassi's, i. 58
 table of, i. 60
 Thiersch's, i. 41
 as antiseptic, i. 68
 Woelfler's, i. 73
 Wright's, i. 58
 Solveol as antiseptic, i. 66
 Somnoform anesthesia, i. 118
 Sore, Oriental, i. 273, 314
 Pendjeh, i. 273
 Soresi's blood transfusion apparatus, i. 352
 Sound, introduction of, in stenosis of esophagus, ii. 433
 method, iii. 184
 lacrimal, ii. 177
 Spasm of esophagus, ii. 442
 of facial muscles, i. 888
 of glottis, ii. 221
 of larynx, ii. 221
 of orbicularis muscle, ii. 120
 tetanic, i. 264
 Spasmodic stenosis of pylorus, ii. 720
 stricture of urethra, iii. 286
 torticollis, ii. 376
 Spastic flat-foot, operation in, iii. 489
 paralysis from hemorrhage in newborn, iii. 697
 rhizotomy in, ii. 346
 Special sensation, brain areas of, ii. 45
 Specific arthritis, acute, i. 660
 nasal infections, ii. 188
 synovitis, acute, i. 660
 Speculum, aural, ii. 302
 nasal, ii. 181
 rectal, hinged, iii. 55
 open-frame, iii. 55
 vaginal, iii. 398
 Speech, brain center of, ii. 44
 Spermaceti wax for filling bone cavities, i. 705
 in resection of joints, i. 705
 Spermatic cord, iii. 301, 303
 hydrocele of, iii. 316
 torsion of, iii. 307
 wounds of, iii. 304

- Spermatic nerve plexus, resection of, for dysmenorrhea, iii. 396
- Spermatocele, iii. 316
- Sphagnum cymbifolium, i. 42
- Sphenoid sinuses, ii. 180
suppuration of, ii. 198
- Sphincter ani, dilatation of, iii. 60
rupture of, with laceration of perineum, iii. 342
stretching of, iii. 60
wounds of, iii. 60
of bladder, incontinence of, iii. 207
- Sphygmomanometer, use of, in amputation, iii. 501
- Spica bandage, iii. 741
of buttock, iii. 768
of foot and ankle, iii. 774
covering heel, iii. 775
exposing heel, iii. 775
of groin, ascending, iii. 767
descending, iii. 768
thigh bandage with, iii. 768
of shoulder, ascending, iii. 753
descending, iii. 754
of thumb, iii. 761
- Spiders, bites of, i. 276
- Spiller-Frazier method of dividing sensory root of Gasserian ganglion, ii. 107
- Spina bifida, ii. 349
bone grafts in, i. 783
- Spinal accessory nerve, diseases and injuries of, i. 890
grafting of, in facial paralysis, i. 882
resection of, in torticollis, ii. 376
- anesthesia, i. 155
cerebrospinal fluid in, i. 156
cocain in, i. 156
high, i. 161
in sciatica, i. 879
lumbar puncture in, i. 158
novocain in, i. 156
stovain in, i. 156
technic, i. 157
tropocain in, i. 156
- canal, anastomosis of anterior nerve roots in, ii. 348
- cord, concussion of, ii. 324
contusion of, ii. 324
extrapial hemorrhage compressing, ii. 325
hemorrhage into, ii. 325
tumors of, ii. 338
medullary, extrusion treatment, ii. 342
laminectomy in, ii. 341
spinal decompression in, ii. 344
ganglia, excision of, in gastric crises of tabes ii. 348
injection of antitetanic serum, i. 266
nerves, anastomosis of anterior roots of, in spinal canal, ii. 348
posterior roots of, division of, ii. 344.
See also *Rhizotomy*.
operations on, ii. 344
- Spindle-cell sarcoma of bones, i. 709
- Spine, ii. 322
abscess of, non-tuberculous, ii. 327
- Spine, anatomy, ii. 322
bone grafts of, i. 776. See also *Bone grafts of spine*.
hysterical, ii. 355
irritable, i. 681
joints of, sprains of, ii. 324
lateral curvature of, ii. 352. See also *Scoliosis*.
ligaments of, relaxation of, ii. 357
neurotic, ii. 355
osteitis of, non-tuberculous rarefying, ii. 326
osteomyelitis of, ii. 326
rachitic, ii. 350
relation of nerve roots to, ii. 323
sprains of ligaments of, ii. 357
tuberculosis of, ii. 327. See also *Pott's disease*.
tumors of, ii. 338
wounds of, bullet, ii. 325
stab, ii. 325
- Spiral bandage, iii. 739
of fingers, iii. 760
circumcision of leg for varicose veins, i. 453
osteotome, Cryer's, ii. 28
reverse bandage, iii. 739
- Spleen, ii. 784
abscess of, ii. 784
anatomy, ii. 784
cysts of, ii. 785
effects of removal of, ii. 784
hydatid cysts of, ii. 785
hypertrophy of, ii. 785
injuries of, ii. 784
operations on, ii. 787
physiology, ii. 784
prolapse of, ii. 784
resection of, ii. 787
rupture of, ii. 784
tuberculosis of, ii. 785
tumors of, ii. 785
twisted pedicle of, ii. 785
wandering, ii. 785
wounds of, ii. 784
- Splenectomy, ii. 787
- Splenic anemia, ii. 785
leukemia, x-rays in, iii. 705
- Splenopexy, ii. 787
- Splints, ambulatory, i. 522
double armed, for fractures of clavicle, i. 530
lateral, in fractures of shaft of femur, i. 592
right angle, for fractures of humerus, i. 529
Dupuytren, in Pott's fracture, i. 606
emergency, i. 472
extemporized, i. 474
Goldthwait's thumb, i. 582
for club-foot, iii. 472
hip, in fractures of shaft of femur, i. 591
Hodgen's, in impacted fracture of neck of femur, i. 585
in malposition of joints, i. 684
interdental, in fractures of lower jaw, i. 542, 544, 546

- Splints, interdental, moulded, in fractures of jaw, i. 542
 Lovett's, in tuberculosis of hip, i. 671
 Matas', for fractures of lower jaw, i. 545
 materials for, i. 477
 nasal, ii. 180
 Penhallow's, in fractures of shaft of humerus, i. 561
 plaster-of-Paris, i. 477. See also *Plaster-of-Paris splints*.
 rolled, i. 477
 rubber tube, in nasal fractures, i. 539
 scaffold, in fracture of shaft of humerus, i. 564
 side, for fracture of femur, i. 492
 silicate of soda, i. 485
 sliding, of Volkman, i. 491
 starch paste, i. 485
 suspension, bed frame for supporting, i. 488
 in fractures of shaft of femur, i. 591
 Thomas', in impacted fracture of neck of femur, i. 585
 in tuberculosis of knee, i. 675
 traction, in tuberculosis of hip, i. 669
 wire frame suspension, i. 487
 Split bandage of eye, iii. 779
 retractors, i. 49
 T-bandage iii. 781
 Spondylitis deformans, ii. 326
 traumatic, ii. 326
 tuberculous, ii. 327. See also *Pott's disease*.
 typhoid, ii. 326
 Spondylolisthesis, ii. 350
 bone grafts in, i. 783
 Sponges, i. 42
 abdominal, i. 44
 counting of, i. 172
 flat, i. 44
 gauze, i. 43
 hand, i. 43
 holders for, i. 79
 laparotomy, i. 44
 nurse in charge of, i. 169
 sea, i. 42
 stick, i. 44
 Sponging in abdominal operations, ii. 515
 Spongy angioma, i. 454
 Spontaneous cerebral apoplexy, ii. 58
 temporal craniotomy in, ii. 58
 cure in cancer, i. 331
 dislocations, i. 613
 gangrene, i. 320
 subluxations of wrist, i. 638
 thrombosis of sinuses of dura mater, ii. 72
 Sporotrichosis, i. 838
 Spots, genital, of Fliess, iii. 394
 liver, i. 840
 Sprains, i. 650
 of ankle, i. 650
 of hip, i. 652
 of knee, i. 651
 of ligaments of spine, ii. 357
 of sacro-iliac joint, i. 651
 of shoulder, i. 652
 Sprains of spinal joints, ii. 324
 of temporomaxillary joint, i. 651
 of vertebræ, i. 651
 of wrist, i. 652
 old, i. 650
 Spring-eyed needles, i. 79
 Spurious meningocoele, ii. 25
 Squamous blepharitis, i. 119
 suture, ii. 46
 Square bandage, iii. 783
 Ssabanajeff's method of amputation of thigh, iii. 596
 Stab wounds, i. 219
 of brain, ii. 62
 of spine, ii. 325
 of spleen, ii. 784
 Stagnation mastitis, ii. 473
 Stains, port-wine, i. 453
 silver, removal of, i. 67
 Stapes, ii. 299
 Staphylococci, infection of wounds with, i. 212
 Staphyloma, ii. 128
 of sclera, ii. 129
 operations for, ii. 152
 Starch bandages, i. 56
 iodized, for infected wounds, i. 242
 paste splints, i. 485
 Starvation treatment of inoperable cancer, i. 333
 Stasis, intestinal, acute, ii. 614
 chronic, ii. 610
 chronic constipation in, ii. 613
 colostomy for, ii. 574
 from redundant sigmoid, ii. 612
 Static foot, iii. 490
 Stations in local anesthesia, i. 129
 Status lymphaticus, ii. 395
 as factor in operation, i. 181
 general anesthesia in, i. 102
 thymicus, ii. 394
 Steam, live, as hemostatic, i. 339
 sterilizer, i. 29
 therapeutic uses, i. 57
 Steatoma, i. 845
 Steeple skull, ii. 42, 178
 Stenosis, acquired, of larynx, ii. 218
 of trachea, ii. 218
 congenital, of larynx, ii. 218
 of trachea, ii. 218
 of cardiac orifice of stomach, ii. 715
 of esophagus, cicatricial, ii. 433
 congenital, ii. 433
 of uterus, iii. 375
 pyloric, ii. 717. See also *Pyloric stenosis*.
 Stephanion, ii. 45
 Sterile water, i. 57
 anesthesia, i. 139
 preparation of, i. 32
 Sterility, anastomosis of vas deferens to epididymis of opposite side for, iii. 312
 from obstructive aspermia, iii. 311
 in female, iii. 437
 in male, iii. 322
 operations on Fallopian tubes for, iii. 428
 to induce, iii. 428
 technic, iii. 429

Sterility, production of, by partial vasectomy, iii. 320

Sterilization, i. 28

- by boiling water, i. 31
- by chemicals, i. 30
- by dehydration, i. 30
- by heat, i. 28
- by oxidation, i. 30
- by sun's rays, i. 30
- fractional, i. 28
- of bladder instruments, iii. 183
- of catgut, i. 34. See also *Catgut, sterilization of*.
- of dressings, i. 31
- of forearms, i. 173
- of hands, i. 173
 - acetone-pycol method, i. 174
 - cresol-acetone method, i. 174
 - permanganate of potash method, i. 174
 - tannin method, i. 174
 - tincture of iodine method, i. 174
- of instruments, i. 89
- of rubber gloves, i. 52
 - dry-air method, i. 52
 - glycerin method, i. 52
 - sulphuric acid method, i. 52
- of surgical materials, i. 33

Sterilizer, combination, i. 31

- hot-water, i. 29
- steam, i. 29

Sterilizing room, i. 167

Sternoclavicular joint, arthritis of, ii. 308

Sternomastoid muscle, excision of, in torticollis, ii. 375

- tendons of, tenotomy of, i. 815

Sternothoracotomy, transverse, ii. 459

Sternum, fracture of, i. 548

- median division of, to expose mediastina, ii. 459

Stewart's method of posterior gastro-enterostomy ii. 768

Stick sponges, i. 44

Stimson's method of reducing hip dislocations, i. 641, 644

- shoulder dislocations, i. 629

Stimulation in general anesthesia, i. 98

- dangers of, i. 98

Stings of insects, i. 275

Stitch-hole abscesses in abdominal wall, ii. 537

Stock vaccines, i. 256

Stockings, operation, i. 48

Stoffel's method of partial rhizotomy, ii. 347

Stomach, ii. 698

- adenoma of, ii. 703
- anatomy, ii. 698
- benign tumors of, ii. 703
- cancer of, ii. 703. See also *Cancer of stomach*.
- cardiac orifice, stenosis of, ii. 715
- cirrhosis of, ii. 702
- crises of tabes, excision of spinal ganglia in, ii. 348
- rhizotomy for, ii. 347
- cysts of, ii. 703
- dilatation of, ii. 713
 - acute, ii. 615, 714

Stomach, dilatation of, chronic atonic, ii. 713

- gastroplication in, ii. 714
- foreign bodies in, ii. 714
 - removal, ii. 244
- fundus of, ii. 698
- hemorrhage of, ii. 727
 - operation for, ii. 728
- hour-glass, ii. 706
 - gastroplasty for, ii. 709
 - by transverse incision in, ii. 709
- inflammations of, ii. 702
- lavage, ii. 700
 - continuous, ii. 701
 - contraindications, ii. 701
 - in peritonitis, ii. 547, 550
 - indications for, ii. 701
 - method, ii. 700
- lipoma of, ii. 703
- lymphatics of, ii. 699
- myoma of, ii. 703
- nerve supply, ii. 700
- operations on, ii. 730
- operative exposure of, ii. 700
- perforation of, perigastric abscess from, ii. 727
- postoperative dilatation of, ii. 615
- preparation of, for operation, i. 180
- pyloric end, resection of, ii. 751
 - gastrojejunostomy after, ii. 755
- rupture of, ii. 702
- sarcoma of, ii. 703
- syphilis of, ii. 702
- tube, ii. 700
 - introduction of, ii. 700
- tuberculosis of, ii. 702
- ulcer of, ii. 720. See also *Ulcer of stomach*.
- volvulus of, ii. 715
- wall, canalization of, gastrostomy by, ii. 736
 - posterior, route of approach, ii. 780
 - suppuration in, ii. 702
- washing out, ii. 700 See also *Stomach lavage*.
- wounds of, ii. 702

Stomatitis, ii. 246

- gangrenous, i. 319; ii. 247
- gonorrhoeal, ii. 247
- membranous, ii. 247
- mycotic, ii. 246
- parasitic, ii. 246

Stone in bladder, iii. 197

- crushing of, iii. 198
- in women, iii. 203
- litholapaxy for, iii. 198-203
- lithotrity for, iii. 198
- operation in, iii. 198
 - choice of, iii. 198
- prevention, iii. 197
- recurrence, iii. 198
- suprapubic cystotomy for, iii. 203
- urinary retention from, iii. 211
- vaginal cystotomy for, iii. 203

in kidney, iii. 152

- operations for, iii. 153

in prostate, iii. 248

in ureter, iii. 152, 157

- operations for, iii. 153

- Stone's dietetic treatment of ulcer of stomach, ii. 421
- Store room, i. 167
- Stovain as local anesthetic, i. 136
as spinal anesthetic, i. 156
- Strabismus, ii. 174
alternating, ii. 175
complete tenotomy of internal rectus in, ii. 175
indications for operation in, ii. 175
open operation in, ii. 175
special conditions in, ii. 176
subconjunctival operation in, ii. 175
unilateral, ii. 175
- Strains of sacro-iliac joint, iii. 461
- Strangulated hemorrhoids, iii. 74
hernia, iii. 22
 dangers, iii. 21
 operation in, iii. 23
 prognosis, iii. 23
- Strangulation of omentum, ii. 620; iii. 24
of penis, iii. 251
- Straps, adhesive, for wounds, i. 187, 188
- Strassmann's operation for forming new vagina, iii. 360
- Strauss's method of reconstruction of pylorus by transplantation of tissue, ii. 773-777
- Streptococcus infection, i. 262
 of teeth, ii. 276
 viridans theory of arthritis deformans, ii. 613
- Stretcher, iii. 724
 apron, iii. 725
 improvised, iii. 725
- Stretching of nerves, i. 860
 sphincter ani, iii. 60
- Stricture of bronchi, ii. 422
of bulbomembranous urethra, filiform, iii. 291
 of common bile-duct, iii. 117
 of deep urethra, impermeable, iii. 294
 of esophagus, ii. 433
 dilatation of, by electrolysis, ii. 438
 rapid, ii. 438
 with mercury, ii. 435
 with sound, ii. 433
 gastrostomy in, ii. 436
 internal esophagotomy in, ii. 438
 introduction of sound for, ii. 433
 operative treatment, ii. 436
 stricture, ii. 438
of intestines, ii. 609
 chronic obstruction from, ii. 610
of penile urethra, internal urethrotomy for, iii. 292
of rectum, iii. 64
 external proctotomy in, iii. 65
 internal proctotomy in, iii. 65
 syphilitic, iii. 65
of ureter, iii. 156
of urethra, iii. 286
 anterior, impermeable, iii. 294
 complete urethrectomy for, iii. 300
 continuous dilatation in, iii. 290
 deep, with obliteration, iii. 298
 dense obliterating, iii. 298
- Stricture of urethra, external urethrotomy for, iii. 294
 filiform, iii. 289
 impermeable, iii. 294
 gradual dilatation, iii. 288
 impermeable, iii. 297
 inflammatory, urinary retention from, iii. 210
 meatotomy for, iii. 288
 of large caliber, iii. 288
 of small caliber, iii. 293
 operations for, iii. 288
 organic, iii. 287
 partial urethrectomy for, iii. 300
 prostatic urethrotomy for, iii. 299
 rapid dilatation in, iii. 290
 retrograde catheterization in, iii. 299
 spasmodic, 287
 urinary retention from, iii. 210
 urethrectomy for, iii. 300
 with extravasation of urine, iii. 299
 with false passage, iii. 299
 with fistula, iii. 299
 with infection of bladder, iii. 299
 with retention of urine, iii. 299
- Stridulous laryngitis, ii. 221
- Structural scoliosis, ii. 354
- Struma, ii. 381
- Strumitis, acute, ii. 380
 chronic, ii. 381
- Stump, amputation, iii. 514
 bandage of, iii. 776
 end-bearing for prosthetic apparatus, iii. 614
 for weight bearing, iii. 523, 541
 grafting on, iii. 502
 after-treatment, iii. 540, 541
 length of, iii. 501
- Sturmdorf's method of conical tracheloplasty, iii. 367
- Stye, ii. 119
- Styptics in hemorrhage, i. 341
- Subacromial bursa, inflammation of, iii. 451
 dislocation of clavicle, i. 625
- Subacute cholecystitis, iii. 114
 salpingitis, iii. 427
- Subarachnoid hemorrhage, ii. 57
- Subastragaloid disarticulation of foot, iii. 582
- Subcervical fractures of great trochanter of femur, i. 583
- Subclavian aneurism, i. 400
 artery, anatomy of, i. 414
 compression of, in hemorrhage, i. 360
 ligation of, i. 413
- Subconjunctival injections, ii. 151
 in eye diseases, ii. 179
 operation in strabismus, ii. 175
- Subcoracoid dislocation of clavicle, i. 625
- Subcostal incision, exposure of kidney by, iii. 162
 oblique abdominal section, ii. 513
 operations for exposure of gall-bladder and bile-ducts, iii. 119
- Subcutaneous abscess of finger-tip, iii. 444
 drainage in ascites, ii. 559
 emphysema in artificial pneumothorax, ii. 417

Subcutaneous injections, nutrient, i. 20
 of magnesium sulphate in tetanus, i. 269
 of proteids, i. 21
 of salvarsan in syphilis, i. 297
 lengthening of tendons, i. 801
 tenotomy, i. 813
 in torticollis, ii. 374
 Subcuticular suture, i. 192
 Subcutin as local anesthetic, i. 137
 Subdeltoid bursa, inflammation of, iii. 451
 Subdiaphragmatic abscess, treatment, 470
 Subdural hemorrhage, ii. 56
 intracranial injections of salvarsan in syphilis, i. 296
 meningitis, ii. 65
 pyogenic organisms in, ii. 66
 Subglenoid dislocation of shoulder, i. 630
 Subglottic laryngitis, hypertrophic, ii. 219
 Subhyoid pharyngotomy, ii. 229
 Sublamin in syphilis, i. 295
 Sublingual phlegmon, ii. 362
 Subluxations of head of radius by traction, i. 637
 of vertebræ, i. 623
 of wrist, spontaneous, i. 638
 Submaxillary glands, ii. 363
 Submental glands, ii. 363
 Submucous resection of nasal septum, ii. 190
 Suboccipital osteoplastic craniotomy, ii. 36
 Subparotid glands, ii. 363
 Subperiosteal excision of upper jaw, i. 722
 Subperitoneal appendicitis, iii. 101
 drainage in congenital ventricular hydrocephalus, ii. 97
 Subphrenic abscess in peritonitis, ii. 553
 Subpleural diaphragmotomy for subphrenic abscess, ii. 544, 555
 Subscapular bursa, inflammation of, iii. 451
 Substernomastoid glands, ii. 363
 Subtemporal craniotomy, ii. 106
 for exposure of Gasserian ganglion, ii. 106
 drainage in congenital hydrocephalus, ii. 96
 Subtrochanteric amputation of thigh, iii. 600
 osteotomy, i. 714
 Subungual hematoma, i. 847; iii. 457
 Sucking thumbs, prevention, ii. 280
 Suction apparatus for removing brain tumors, ii. 78
 drainage of bladder, iii. 222
 treatment of rhinitis, ii. 186
 of suppurative otitis media, ii. 310
 Suction-traction massage in chronic inflammation, i. 250
 Sugar infusion, i. 348
 solution for proctoclysis, iii. 58
 Suggestion, anesthesia by, i. 127
 Sulphuric acid as antiseptic, i. 72
 method of sterilization of rubber gloves, i. 52
 ether in peritonitis, ii. 551
 Sumac poisoning, i. 825

Summers' method of resecting transverse colon with preservation of omentum, ii. 646
 Sunburn, i. 825
 Sunshine in tuberculosis, i. 279
 sterilization by, i. 30
 Superciliary ridge, ii. 46
 Superficial felon, iii. 443
 glossitis, acute, ii. 288
 chronic, ii. 288
 Superfluous hair, i. 846
 Superheated air inhalations in bronchiectasis, ii. 419
 Superior bronchoscopy, ii. 242
 Supernumerary auricle, ii. 303
 fingers, iii. 457
 Suppurating wounds, hot-air treatment, i. 187
 potassium bitartrate for, i. 212
 Suppurative, acute, i. 251. See also *Ab-scess*.
 in stomach wall, ii. 702
 of ethmoid sinuses, ii. 197
 operation in, by orbital route, ii. 198
 of sphenoid sinuses, ii. 198
 Suppurative choroiditis, ii. 130
 orchitis, iii. 305
 otitis media, acute, ii. 307
 chronic, ii. 308
 perforation of intestines, ii. 581
 peritonitis, diffuse, ii. 548
 local, ii. 548
 pyelitis, iii. 147
 tendosynovitis, acute, iii. 446
 tonsillitis, ii. 212
 Supra-auricular point, ii. 45
 Supracervical fractures of great trochanter of femur, i. 583
 Supraclavicular glands, ii. 363
 Supracondyloid amputation of thigh, iii. 597
 fractures of femur, i. 594
 of humerus, i. 567
 low, i. 571
 osteotomy of femur from inner side, i. 715
 from outer side, i. 715
 Suprahyoid pharyngotomy, ii. 229
 Supramalleolar amputation of leg, iii. 587
 Supra-orbital arch, ii. 46
 Suprapubic aspiration of bladder, iii. 213
 canulization of bladder, iii. 213
 cervical Cesarean section, iii. 408
 cystotomy, iii. 214
 closure of wound, iii. 215
 for hypertrophy of prostate, iii. 232
 for stone in bladder, iii. 203
 incision for, iii. 214
 preparations for, iii. 214
 transverse suprapubic incision [for, ii. 217
 drainage of bladder, iii. 221
 prostactectomy, iii. 237
 advantages, iii. 238
 after-treatment, iii. 241
 anesthesia for, iii. 238
 bladder irrigation after, iii. 241

544210777-0
 697766 of 02150541110
 1130072 of

Suprapubic prostatectomy for cancer, iii.
 247
 in two stages, iii. 243
 local anesthesia in, i. 151
 results, iii. 242
 suprapubic irrigation after, iii. 241
 suture in, iii. 241
 technic, iii. 239
 urinary antisepsis after, iii. 242

Suprarenal capsules, effect of chloroform on,
 i. 117
 glands, iii. 181
 tuberculosis of, iii. 181
 tumors of, iii. 181

Surface contact anesthesia, i. 127

Surgeon, mental attitude of, as factor in
 surgical treatment, i. 25
 operating clothes of, i. 173
 personal care, i. 172
 private room for, i. 167
 room of, i. 167

Surgery, ultimate needs and destiny, iii. 800

Surgical accessories, i. 48
 anemia, i. 343
 diseases, i. 17
 expedients, i. 87
 fevers, aseptic, i. 259
 instruments, i. 75
 materials, preparation of, i. 33
 sterilization of, i. 33
 practice under competition, iii. 795
 under coöperation, iii. 799
 under group experts, iii. 798
 under State, iii. 796

scarlatina, i. 261
 shock, i. 213. See also *Shock*.
 treatment, economics of, iii. 795

Suspension hammock to apply jacket in
 Pott's disease, ii. 329
 of testicles for orchitis, iii. 304
 splints, bed frame for supporting, i. 488
 wire frame, i. 487

Suspensory bandage of breast, triangular,
 iii. 791
 of scrotum, iii. 781
 hammock, iii. 782

Sutures, i. 33, 187
 absorbable, i. 33
 approximation, i. 196
 bolster, i. 197
 buried, i. 191
 button, i. 197
 chain, i. 195
 tied, i. 200
 coaptation, i. 196
 continuous, i. 190
 coronal, ii. 45
 figure-of-eight, i. 198
 double, i. 198
 for closing abdominal wound, ii. 519
 in abdominal operations, ii. 519
 infolding, i. 201
 interlocking, i. 201
 interrupted, i. 187
 intestinal, ii. 628. See also *Intestinal
 suture*.
 knots in, to prevent slipping of, iii. 809

Sutures, lambdoid, ii. 46
 mattress, i. 195
 non-absorbable, i. 33
 of arteries, i. 374
 absorbable magnesium rings for, i. 376
 human hair for, i. 372
 invagination method, i. 376
 Joani's clamp for, i. 374
 lateral, i. 373
 plates for, i. 376
 temporary compression for, i. 372
 of bones in fractures, i. 503
 of heart, ii. 427
 of liver, iii. 107
 of nerves, primary, i. 853
 secondary, i. 853, 854
 time required to regain functions after,
 i. 850
 of scalp wounds, ii. 19
 of ureter, iii. 173
 pin, i. 197
 primary delayed, for infected wounds, iii.
 811
 for infected wounds, iii. 811
 purse-string, i. 201
 infolding, iii. 809
 removal of, i. 211
 sagittal, ii. 46
 shoemaker's, i. 198
 strengthening of, by autoplatic flaps, i.
 203
 subcuticular, i. 192
 tension, adhesive support for, i. 198

Swallowing tongue, ii. 287

Sweating, excessive, of hands, i. 849
 of skin, i. 844

Swelling and induration of testicles, iii. 305

Swollen feet, iii. 495

Sycosis, i. 847
 vulgaris, radium in, iii. 714

Sylvester's method of artificial respiration,
 iii. 719
 in general anesthesia, i. 98

Sylvian fissure, ii. 46
 line, ii. 46
 point, ii. 46

Symblepharon, ii. 119, 120
 operations for, ii. 150

Sympathetic ganglia, cervical, i. 898. See
 also *Cervical sympathetic ganglia*.
 ophthalmia, ii. 130

Symphysiotomy, iii. 409
 technic, iii. 409
 with median incision, iii. 409
 with short transverse incision, iii. 410

Synchysis, ii. 134

Syndactylism, iii. 456

Synechia, anterior, division of, ii. 156
 nasal, ii. 195

Synovectomy, i. 710
 in knee-joint, i. 710
 for infections, i. 656

Synovial sheaths, palmar, iii. 447

Synovitis, i. 657
 atrophic, i. 658
 chronic, i. 658, 661
 exudative, i. 658

LIBRARY OF
 COLLEGE OF POSTGRADUATE
 PHYSICIANS AND SURGEONS

Synovitis, infective, acute, i. 658
 rheumatic, i. 660
 specific, acute, i. 660
 traumatic, i. 657

Syphilis, i. 283
 alopecia in, i. 303
 arsenobenzol in, i. 298
 arspenamin in, i. 298
 as factor in operation, i. 182
 calomel injections in, i. 288
 chancre, i. 302
 excision, i. 284
 colloidal gold test in, i. 299
 diagnosis, i. 283
 drugs in, i. 284
 dry skin lesions in, treatment, i. 302
 gummatous ulcerations in, treatment, i. 302
 hereditary, i. 301
 herpes progenitalis in, treatment, i. 302
 hydrargyris in, i. 289
 hydrotherapy in, i. 298
 hygiene in, i. 284
 intensive treatment, i. 299
 iodine in, i. 290
 iodism in, i. 291
 iritis in, i. 302
 local lesions of, i. 302
 mercurialized serum in, i. 289, 295
 mercury in, i. 284, 285. See also *Mercury in syphilis*.
 mercury-iodid in, i. 291
 mistakes in treatment, i. 299
 mucous patches in, treatment, i. 302
 neosalvarsan in, i. 294
 by enteroclysis, i. 297
 oil injections of, i. 297
 of bones, i. 470
 of skull, ii. 41
 of brain, ii. 75
 of finger-tip, iii. 444
 of joints, i. 680
 of larynx, ii. 223
 of muscle, i. 792
 of optic nerve, i. 297
 of ribs, ii. 398
 of stomach, ii. 702
 of thyroid gland, ii. 381
 of tongue, ii. 290
 of vulva, iii. 327
 opalescent patches in, treatment, i. 302
 potassium iodid in, i. 290
 prevention, i. 283
 primary stage, i. 300
 salvarsan in, i. 291. See also *Salvarsan in syphilis*.
 salvarsanized serum in, i. 295
 secondary stage, i. 300
 self-healing of, i. 299
 sluggish ulcers in, treatment, i. 302
 sodium dimethylarsenate in, i. 298
 sublamblin in, i. 295
 tertiary stage, i. 300
 treatment of mother during pregnancy in, i. 301
 of newborn in, i. 301

Syphilis, treatment, prophylactic, of parents before conception, i. 301
 Treponema pallidum in, i. 283
 vegetations in, i. 302
 Wassermann test in, i. 299

Syphilitic iritis, ii. 129
 meningitis, ii. 68
 nasopharyngitis, ii. 205
 neuritis, i. 862
 pachymeningitis, ii. 65
 proctitis, iii. 61
 retinitis, ii. 134
 stricture of rectum, iii. 65
 tenosynovitis, i. 817

Syphiloderma, i. 838

Syringes, i. 79
 aspirating, i. 81
 for paraffin prosthesis, iii. 690

Szymanowski-Kuhnt operation for ptosis of eyelids, ii. 145

Szymanowski's operation for hypospadias, iii. 266

TABES, gastric crises of, excision of spinal ganglia in, ii. 348
 rhizotomy for, ii. 347

Tabetic arthropathy, i. 681

Table, instrument, i. 169
 knife hold of operating scalpel, i. 185
 operating, i. 85

Talipes calcaneus, congenital, iii. 482
 paralytic, tendon transplantation in, i. 812
 cavus, Ritschl's dorsal pad for, iii. 489, 490
 due to disease of bone, iii. 484
 equinovarus, iii. 469. See also *Club-foot*.
 equinus, congenital, iii. 482
 paralytic, tendon transplantation in, i. 812
 paralytic, acquired, iii. 482
 plantaris, iii. 489
 valgus from faulty healing of leg fracture, iii. 484
 paralytic, tendon transplantation in, i. 811
 varus, congenital, iii. 482
 paralytic, tendon transplantation in, i. 812

Tallow, cosmetic treatment with, iii. 688

Tamponing around rectum for prolapse, iii. 68

Tanner's ulcer, i. 315

Tannic acid method for catgut, i. 37

Tannin method of hand sterilization, i. 174

Tapping arachnoid space, ii. 348. See *Lumbar puncture*.
 for hydrocele, iii. 314
 in ascites, ii. 557
 injection after, iii. 314

Tarantula, bites of, i. 276

Tarsometatarsal joint, iii. 575

Tarsorrhaphy, ii. 143
 lateral, ii. 143

Tarsus, dislocations of, i. 649
 excision of, i. 734
 fractures of, i. 608

- Tattoo marks, removal of, from skin, i. 849
- Tattooing cornea, ii. 152
- Taxis in irreducible hernia, iii. 22
dangers, iii. 22
- T-bandages, i. 49; iii. 780
split, iii. 781
- Teale's operation for symblepharon, ii. 150
- Tears of vaginal wall, iii. 334
- Teeth, ii. 274
alveolar abscess of, ii. 277
caries of, ii. 275
condition of, as factor in surgical treatment, ii. 274
cysts of, ii. 280
dead, filling and crowning of, ii. 276
decay of, prevention, ii. 274
extraction of, ii. 278. See also *Extraction of teeth*.
grafting of, ii. 279
prophylactic care of, ii. 276
root infections of, ii. 275
streptococcus infection of, ii. 276
tumors of, ii. 280
- Temporal artery, ligation of, i. 412
transplanting flap with, in plastic operation on cheek, iii. 660
craniotomy, high, for exposure of Gasserian ganglion, ii. 106
in spontaneous cerebral apoplexy, ii. 58
law, for exposure of Gasserian ganglion, ii. 106
osteoplastic craniotomy, ii. 34, 36
- Temporary fecal fistula, ii. 686
intestinal fistula, ii. 683
- Temporomaxillary joint, ankylosis of, arthroplasty for, i. 760
exposure of, by resection of zygoma, i. 740
sprain of, i. 651
- Tendo Achillis, division of, for flat-foot, iii. 487
tenotomy of, local anesthesia in, i. 147
- Tendons, i. 796
grafting, i. 805
lengthening of, i. 799
subcutaneous, i. 801
linen, i. 801
missing, i. 804
necrosis of, iii. 450
of quadriceps femoris muscle, luxations of, i. 812
reconstruction of, with fascia, i. 803
with transplanted vein, i. 803
repair of, i. 796
rupture of, i. 797
shortening, i. 804
silk, i. 801
suturing to bone, i. 804
transplantation of, i. 805; iii. 648. See also *Transplantation of tendons*.
in acquired paralytic talipes, iii. 482
wounds of, i. 796
old, i. 816
- Tendosynovitis, acute suppurative, iii. 446
- Tennis leg, i. 788
- Tenon's capsule, advancement of, ii. 177
- Tenoplastic amputations, iii. 526
operations on amputation stump, iii. 532
- Tenorrhaphy, i. 796
- Tenosynovitis, i. 817
gonorrhoeal, i. 817
infective, i. 817
syphilitic, i. 817
toxic, i. 817
traumatic, i. 817
tuberculous, i. 817
- Tenotomy, i. 813
complete, of internal rectus in strabismus, ii. 175
graduated, in heterophoria, ii. 176
healing in, i. 814
of biceps femoris tendon, i. 815
of flexor hallucis longus tendon, i. 815
of gracilis tendon, i. 815
of hamstring tendons, i. 815
of peronei tendons, i. 815
of sartorius tendon, i. 815
of semimembranosus tendon, i. 815
of semitendinosus tendon, i. 815
of sternomastoid tendon, i. 815
of tendo Achillis, i. 814
local anesthesia in, i. 147
of tibialis anticus tendon, i. 814
posticus tendon, i. 814
open, i. 813
in torticollis, ii. 375
partial, in heterophoria, ii. 176
subcutaneous, i. 813
in torticollis, ii. 374
- Tension sutures, adhesive support for, i. 198
- Tent, operations in, i. 169
- Teratomata, i. 327
of brain, ii. 75
- Terebene, as antiseptic, i. 72
- Terminal anesthesia, i. 128
- Testicles, iii. 301, 303
cancer of, iii. 306
operation for, iii. 307
contusions of, iii. 303
dislocation of, iii. 307
fungus of, iii. 306
grafting of, iii. 321
hematoma of, iii. 303
hemorrhage from, iii. 303
inflammations of, acute, iii. 304
mobility of, iii. 307
abnormal, iii. 307
operations on, local anesthesia for, i. 152
rotation of, iii. 307
sarcoma of, iii. 306
suspension of, for orchitis, iii. 304
swelling and induration of, iii. 305
tuberculosis of, iii. 305
tumors of, iii. 306
undescended, iii. 308. See also *Undescended testicle*.
wounds of, iii. 303
- Tetanus, i. 264
chloral in, i. 267
chloretone in, i. 267
control of spasms in, i. 267
elimination in, i. 267

Tetanus, Fourth-of-July, i. 270
 head, i. 270
 magnesium sulphate in, i. 268
 phenol in, i. 268
 postoperative, i. 270
 prognosis, i. 270
 prophylaxis, i. 265; iii. 813
 removal of focus of infection, i. 267
 serum treatment, i. 265. See also *Anti-tetanic serum*.
 sodium persulphate in, i. 268
 spasms in, i. 264
 specific treatment, iii. 813
 warm bath treatment, i. 269

Tetany, ii. 394
 thymic, ii. 395

T-fractures of lower extremity of humerus, i. 570

Thecitis, i. 817

Thenar space, infections of, iii. 449

Thermocautery, i. 80, 83; iii. 699

Thermoradiotherapy, iii. 706
 in inoperable cancer, i. 332

Thiersch's solution, i. 41
 as antiseptic, i. 68

Thigh, amputation of, iii. 594
 subtrochanteric, iii. 600
 supracondyloid, iii. 597
 through condyles, iii. 595
 osteoplastic, iii. 596
 through lower third, iii. 598
 through shaft of femur, iii. 598
 bandage of, iii. 769
 with spica of groin, iii. 768
 cineplastic amputation of, iii. 538
 middle of, ligation of femoral artery in, i. 435
 quadriceps extensor of, paralysis of, tendon transplantation in, i. 812
 rider's, i. 788

Thirst after abdominal operations, ii. 533
 cure in bronchiectasis, ii. 419
 postoperative, i. 226
 sea water, proctoclysis for, iii. 58

Thomas' hip-splint in impacted fracture of neck of femur, i. 585
 knee-splint in knee tuberculosis, i. 675

Thompson's curved dilator in urethral stricture, iii. 291

Thoracic aorta, aneurism of, i. 396
 duct, diseases of, ii. 361
 rupture of, in abdomen, ii. 361
 in thorax, ii. 361
 wounds of, i. 460; ii. 361
 esophagus, resection of, ii. 463
 exposure of diaphragm, ii. 467
 nerve, long, injuries to, i. 896

Thoracoplasty in bronchiectasis, ii. 420
 in empyema, ii. 410
 in tuberculosis, ii. 418
 local anesthesia in, i. 148

Thoracotomy, intercostal, simple, in empyema, ii. 403
 osteoplastic, anterior, ii. 458
 posterior, ii. 459

Thorax, ii. 396
 anatomy, ii. 396

Thorax, cancer of, extensive recurrent, ii. 494
 concussion of, ii. 397
 contusions of, ii. 396
 operations on, local anesthesia for, i. 147
 tumors of, ii. 444

Thorner's instruments for intubating larynx, ii. 237

Threading needle, method, i. 191

Throat, clearing of, in general anesthesia, i. 97
 operations on, prevention of shock, i. 215

Thrombin as hemostatic, i. 342

Thrombophlebitis, septic, excision of pelvic veins in, i. 456

Thromboplastin in hemorrhage, i. 342

Thrombosis, i. 455
 of cavernous sinus, ii. 72
 of portal vein, i. 457
 of venous sinuses, ii. 318
 of dura mater, ii. 70
 infective, ii. 71
 treatment, i. 455, 456

Thrush, ii. 246

Thumb, amputation of, iii. 548
 of first metacarpal bone with, iii. 551
 bandage of, spica, iii. 761
 disarticulation of, at metacarpophalangeal joint, iii. 548
 of first metacarpal bone with, iii. 552
 dislocations of, i. 639
 of proximal phalanx, i. 639
 fractures of, i. 582
 infections of, iii. 448
 splint, Goldthwait's, i. 582
 sucking, prevention of, ii. 280

Thymectomy, ii. 395

Thymic asthma, ii. 394
 dyspnea, ii. 395
 epilepsy, ii. 395
 tetany, ii. 395

Thymol, as antiseptic, i. 72
 as local anesthetic, i. 137

Thymus gland, ii. 394
 enlarged, ii. 395
 epilepsy with, ii. 101
 hypertrophy of, ii. 446

Thyreodectin in hyperthyroidism, ii. 390

Thyreoprivic serum in hyperthyroidism, ii. 390

Thyroid artery, inferior, ligation of, 410
 superior, ligation of, i. 411
 bandage of neck, iii. 750
 gland, anatomy, ii. 380
 cancer of, ii. 381
 enucleation of growths in, ii. 385
 inflammation of, ii. 380
 ligation of, after-treatment, ii. 393
 hyperthyroidism, ii. 393
 lobe of, resection of part, ii. 389
 operations on, local anesthesia for, i. 144
 sarcoma of, ii. 381
 secretion, conditions of deficiency of, ii. 394
 syphilis of, ii. 381
 tuberculosis of, ii. 381
 glands, accessory, ii. 380

- Thyroidectomy, ii. 382, 392
 after-treatment, ii. 393
 anesthesia for, ii. 392
 local anesthesia in, i. 144
- Thyroiditis, acute, ii. 380
 chronic, ii. 381
- Thyrotomy, ii. 230
- Thyrotoxicosis, ii. 389
 as factor in operation, ii. 182
 postoperative, i. 227
- Tibia, anterior curvature of, iii. 468
 bone grafts from, i. 772, 773
 excision of, i. 733
 fractures of, i. 603
 after-treatment, i. 608
 of shaft, i. 603
 of spine, i. 654
 of upper end, i. 603
 old, with vicious union, i. 608
 osteotomy of, i. 716
 of shaft, i. 716
 resection of, i. 733
 sarcoma of, i. 706
 tubercle of, avulsion of, i. 603
- Tibial artery, anterior, ligation of, i. 443
 posterior, ligation of, i. 441
 in middle of leg, i. 442
- nerve, anterior, injuries to, i. 898
- Tibialis anticus, tenotomy of, i. 814
 transplantation of extensor proprius
 hallucis for, i. 809
 for peroneus tertius, i. 810
 of peroneus longus for, i. 810
- posticus, tenotomy of, i. 814
- Tic convulsif, i. 888
 douloureux, i. 862. See also *Neuralgia*,
trifacial.
- Ticks, bites of, i. 276
- Tied chain sutures, i. 200
- Tincture of iodine, surgical uses, i. 68
- Tinea circinata, i. 839
 favosa, i. 838
 kerion, i. 839
 tonsurans, i. 839
 x-rays in, iii. 704
 trichophytina, i. 839
 versicolor, i. 839
- Tinnitus aurium, i. 890
 operation on seventh nerve in, ii. 112
- Tissues, division of, in amputation, iii. 501
 grafting, iii. 645
 redundant, treatment of, in amputation,
 iii. 512
- Toe, amputation of, with all of metatarsal
 bone, iii. 578
 claw-, iii. 491
 great, amputation of, with all of meta-
 tarsal bone, iii. 578
 disarticulation of, at metatarsophalan-
 geal joint, iii. 573
 hammer-, iii. 491
 little, amputation of, with all of meta-
 tarsal bone, iii. 578
 nail, ingrown, iii. 493
 overlapping, iii. 491
 phalanx of, first, amputation through,
 iii. 573
- Toe, pigeon-, iii. 495
- Toe-drop, paralytic, iii. 483
- Toes, amputation of, iii. 570
 all, with part of all metatarsal bones,
 iii. 577
 with part of metatarsal bone, iii. 576
 bandage of, iii. 775
 disarticulation of all, at metatarsophalan-
 geal joints, iii. 575
 with metatarsal bones, iii. 580
 at end phalanges, iii. 572
 smaller, at metatarsophalangeal joint,
 iii. 574
 two or more adjacent, with metatarsal
 bones, iii. 579
 more than two, disarticulation of, at
 metatarsophalangeal joints, iii. 574
 operations on, local anesthesia for, i. 147
 phalanges of, end, disarticulation of, iii.
 572
 smaller, disarticulation of, at metatarso-
 phalangeal joint, iii. 574
 two or more adjacent, disarticulation of,
 with metatarsal bones, iii. 579
- Toluene, as antiseptic, i. 65
- Toluol method for catgut, i. 34
- Tongue, ii. 286
 abscess of, tuberculous, ii. 290
 actinomycosis of, ii. 290
 bifid, ii. 286
 burns of, ii. 288
 cancer of, ii. 292
 excision for, ii. 293. See also *Excision*
of tongue for carcinoma.
 incurable, alcohol injections in, i. 869
 operation in, ii. 364
 congenital defects, ii. 286
 cracks of, ii. 289
 cysts of, ii. 292
 dyspeptic, ii. 289
 epithelioma of, radium in, iii. 712
 forceps for general anesthesia, i. 95
 foreign bodies in, ii. 287
 frenum of, ulcers of, ii. 290
 furrows of, ii. 289
 herpes of, ii. 288
 holding, in general anesthesia, i. 97
 hypertrophy of, ii. 290
 inflammations of, ii. 288
 injuries of, ii. 287
 leprosy of, ii. 290
 leukoplakia of, ii. 289
 nodules of, tuberculous, ii. 290
 operations on, local anesthesia for, i. 143
 psoriasis of, i. 834; ii. 289
 root, tumor of, ii. 389
 swallowing, ii. 287
 syphilitic of, ii. 290
 trichinosis of, ii. 290
 tuberculosis of, ii. 290
 tumors of, ii. 291, 292
 ulcers of, ii. 289
 aphthous, ii. 290
 dyspeptic, ii. 289
 herpetic, ii. 290
 mercurial, ii. 290
 traumatic, ii. 290

Tongue, wounds of, ii. 287
 gunshot, ii. 288
 Tongue-tie, ii. 287
 Tonsillectomy, ii. 213
 after-treatment, ii. 214
 anesthesia in, ii. 213
 hemorrhage after, ii. 214
 incomplete, ii. 213
 indications for, ii. 213
 position of patient for, ii. 213
 results, ii. 214
 Tonsillitis, acute, ii. 212
 catarrhal, ii. 212
 caseous, ii. 212
 chronic, ii. 212
 follicular, ii. 212
 membranous, ii. 212
 suppurative, ii. 212
 Tonsillotome, ii. 213
 Tonsillotomy, ii. 213
 Tonsils, adherent, ii. 216
 diseases of, ii. 212
 enucleation of, ii. 213, 214
 hypertrophy of, chronic, ii. 212
 imbedded, ii. 216
 lingual, diseases of, ii. 290
 mycosis of, ii. 212
 operations on, through neck, ii. 367
 removal of, 213
 partial, ii. 213
 with guillotine, ii. 216
 tumors of, ii. 216
 palliative treatment, ii. 216
 Tooth powders, formulæ for, ii. 275
 Torek's method of exposing thoracic esophagus, ii. 462
 operation for inguinal hernia, iii. 35
 Torsion in hemorrhage, i. 341
 of omentum, ii. 620
 of pedicle of ovarian tumors, iii. 434
 of spermatic cord, iii. 307
 Torticollis, ii. 373
 acute, ii. 373
 bilateral, ii. 375
 chronic, ii. 373
 stretching and manipulation in, ii. 373
 division of posterior muscles in, ii. 375
 excision of sternomastoid muscle in, ii. 375
 fixation in, ii. 373
 habitual, ii. 377
 ocular, ii. 377
 open tenotomy in, ii. 375
 paralytic, ii. 377
 rachitic, ii. 377
 resection of posterior cervical nerves in, ii. 376
 of spinal accessory nerve in, ii. 376
 rheumatic, ii. 377
 spasmodic, ii. 376
 subcutaneous tenotomy in, ii. 374
 treatment after operation, ii. 375
 Total laryngectomy, ii. 231
 Tourniquet, impromptu, in hemorrhage, i. 335
 Tow dressings, i. 41
 Towels, i. 48

Tower head, ii. 42
 Toxemia, intestinal, i. 259
 chronic, ii. 610
 Toxemic tenosynovitis, i. 817
 Toxic neuritis, i. 862
 Toxins, erysipelas, in inoperable cancer, i. 332
 Trachea, ii. 217
 acquired stenosis of, ii. 218
 burns of, ii. 219
 congenital stenosis of, ii. 218
 contusions of, ii. 219
 examination, ii. 217
 foreign bodies in, ii. 224
 removal, ii. 244
 fractures of, ii. 219
 inflammations of, ii. 220
 injuries of, ii. 219
 malformations of, ii. 218
 mucus in, after operation, i. 227
 operations on, ii. 217, 226
 local anesthesia for, i. 143
 resection of, ii. 237
 treatment, ii. 217
 tumors of, ii. 224
 wounds of, ii. 220
 Tracheloplasty, conical, iii. 367
 Trachelorrhaphy, intermediate, iii. 362
 later, iii. 363
 primary, iii. 362
 Tracheoscopy, ii. 225, 239
 position of patient for, ii. 240
 Tracheotomy, ii. 226
 high, ii. 227
 indications for, ii. 225
 local anesthesia in, i. 143
 low, ii. 228
 operative complications, ii. 228
 postoperative care, ii. 229
 complications, ii. 229
 tubes, ii. 227
 with excision of non-toxic goiter, ii. 389
 Trachoma, ii. 123
 operations for, ii. 150
 true, ii. 124
 Traction, continuous, in fractures, i. 487
 frame, lever, Zuppinger's, i. 494
 in fractures, continuous, i. 487
 measurement of legs in, i. 493
 of femur, i. 490
 temporary, i. 485
 transverse, i. 498
 wires, from skin, i. 493
 splint in tuberculosis of hip, i. 669
 Transduodenal choledochotomy, iii. 131
 Transfusion, blood, i. 348
 abdominal blood for, iii. 818
 agglutination test in, i. 355
 donor in, i. 348
 for prevention of shock, i. 216
 Hartwell's method, i. 352
 hemolysis in, i. 348
 test for, i. 355; iii. 814
 in hemorrhage, i. 343, 348
 in leukemia, i. 466
 in septicemia, i. 260
 indirect, i. 353

- Transfusion, blood, indirect, amount of blood, i. 354
 Kimpton-Brown method, iii. 817
 Lewisohn's method, i. 356
 Lindeman's method, i. 353
 sodium citrate method, i. 356
 with glass tubes, iii. 817
 Soresi's apparatus for, i. 352
 tests of donor's blood, i. 355; iii. 814
 vein-to-vein, i. 348
 Vincent's tube for, i. 354
 with preserved red blood-cells, iii. 815
- Transitory cineplastic amputation, iii. 538
- Transmesocolic route of approach to pancreas, ii. 779
- Transpelvic amputation at hip-joint, iii. 605
- Transperitoneal cystotomy, iii. 221
 fixation of kidney, anterior, iii. 170
 nephrectomy, iii. 167
 operation in bladder tumors, iii. 197
- Transplantation, blood-vessel, iii. 647
 cartilage, iii. 648
 intestinal, formation of new vagina by, iii. 359
 of amputated members, iii. 649
 of arteries, iii. 648
 of cornea, ii. 153
 of extensor proprius hallucis for tibialis anticus, i. 809
 of fat into orbit after enucleation, ii. 160
 of joints, i. 767
 of nasal cartilage, ii. 192
 of nerves, heteroplastic, i. 857
 homoplastic, i. 857
 of organs and parts, iii. 648
 of ovary from one to another, iii. 438
 of parathyroid glands, ii. 394
 of peritoneum, iii. 648
 of peroneus longus for tibialis anticus, i. 810
 of tendons, i. 805; iii. 648
 after-treatment, i. 808
 general principles and technic, i. 805
 in acquired paralytic talipes, iii. 482
 in paralysis of biceps of arm, i. 812
 of extensors of hand, i. 812
 of quadriceps extensor of thigh, i. 812
 in paralytic talipes calcaneus, i. 812
 equinus, i. 812
 valgus, i. 811
 varus, i. 812
 indications and results, i. 808
 of tibialis anticus for peroneus tertius, i. 810
 of veins, iii. 648
 of vermiform appendix, iii. 649
- Transplanted bone grafts, i. 511
- Transportation of injured, iii. 723
 by aeroplane, iii. 728
 by ambulance, iii. 727
 by stretcher, iii. 724
 travois for, iii. 726
- Transvaginal exposure of ureter, iii. 172
 rectal drainage of bladder for incontinence, iii. 331
- Transverse abdominal incision, ii. 507-512
 laryngotomy, ii. 230
- Transverse traction in fractures, i. 498
- Trapezius muscle, paralysis of, i. 795
- Traumatic aneurism, i. 380
 arteritis, i. 380
 asphyxia, hemorrhage in, i. 360
 cataract, ii. 133
 immediate removal, ii. 173
 congestion, i. 228
 delirium in fractures, i. 527
 emphysema, i. 820
 gangrene, i. 317
 hysteria, ii. 103
 insanity, primary, ii. 102
 neurasthenia, ii. 103
 neuritis, i. 862
 ossifying myositis, i. 792
 paralysis in general anesthesia, i. 100
 psychoses, ii. 102
 rupture of tympanic membrane, ii. 306
 spondylitis, ii. 326
 synovitis, i. 657
 tenosynovitis, i. 817
 thrombosis of sinuses of dura mater, ii. 72
 ulcers of tongue, ii. 290
- Traumatism in etiology of appendicitis, iii. 87
 of arteries, i. 371
 of joints, i. 650
 of peritoneum, ii. 542
 of skin, i. 820
 of vagina, iii. 333
 of veins, i. 446
 retroversion of uterus from, iii. 380
- Travois for transporting injured, iii. 726
- Treatment, surgical, i. 17, 184
- Trench-foot, i. 319
- Trendelenburg's method of controlling hemorrhage in disarticulation at hip-joint, iii. 604
 operation in varicose veins, i. 449
- Trephine, ii. 26, 27
 sclera, ii. 163
- Trephining in basal fractures of skull, i. 536
 of sclera, simple, in glaucoma, ii. 162
- Treponema pallidum, i. 283
- Triangle, carotid, inferior, ligation of common carotid at, i. 407
 mesenteric, ii. 625
 postmeatal, of ear, ii. 300
 superior carotid, i. 406
 ligation of common carotid artery at, i. 408
- Triangular bandage, i. 49; iii. 783
 fronto-occipital, iii. 784
 iliofemoral, iii. 792
 of chest, iii. 791
 of foot, iii. 792
 of hand, iii. 792
 of knee, iii. 792
 of shoulder, iii. 791
 sling bandage of forearm, iii. 790
 suspensory bandage of breast, iii. 791
- Trichinosis, i. 792
 of tongue, ii. 290
- Trichlorodin as antiseptic, i. 69
- Trichophytosis, i. 839
- Trichorrhæxis nodosa, i. 847
- Tricot bandages, i. 55

Tricresol as antiseptic, i. 66
 Trifacial neuralgia, i. 865. See also *Neuralgia, trifacial*.
 Trigeminal nerve. See *Fifth nerve*.
 operations on, local anesthesia for, i. 143
 Trigger-finger, iii. 456
 Trigonum of bladder, iii. 182
 Tripolith bandages, i. 56
 Tritetrabromnaphthol as antiseptic, i. 60
 Trocar and canula, i. 79
 Trombidiosis, i. 848
 Trombidium irritans, i. 848
 Trophic gangrene, i. 320
 ulcers, i. 313
 Tropical dysentery, ii. 570
 Tropecain as local anesthetic, i. 136
 as spinal anesthetic, i. 156
 Trunk, bandages of, iii. 765
 Truss for hernia, frame, iii. 17
 in hernia, prognosis with, iii. 21
 Trypaflavin as antiseptic, i. 65
 Trypsin injections in inoperable cancer, i. 333
 Tryptan red, as urinary antiseptic, iii. 142
 Tubal abortion, iii. 435
 Tubercle, carotid, i. 407
 of tibia, avulsion of, i. 603
 retro-orbital, ii. 46
 Tubercular lymphadenitis, i. 461
 proctitis, iii. 61
 Tuberculin in nodular lymphatic keratoconjunctivitis, ii. 125
 in tuberculosis, i. 257
 of joints, i. 663
 Koch's, i. 257
 new, i. 257
 Oberst, i. 258
 Rückstand, i. 257, 258
 Tuberculosis, i. 276
 about nails, i. 848
 artificial pneumothorax in, ii. 416
 as factor in operation, i. 182
 bacillus emulsion in, i. 258
 sensitized, i. 258
 Bier's hyperemia in, i. 280
 cutis, i. 837
 diet in, i. 277
 drainage of lung cavities in, ii. 416
 drugs in, i. 279, 280
 fresh air treatment, i. 278
 genital, iii. 144
 in women, iii. 439
 heliotherapy in, i. 280; iii. 707
 interpleural pneumolysis in, ii. 418
 light treatment, i. 280
 local treatment, i. 279
 of ankle, i. 678
 of bladder, iii. 193
 of bones, i. 469
 filling bone cavities from, i. 706
 of skull, ii. 41
 of brain, ii. 75
 of breast, ii. 475
 of cecum, ii. 575
 of choroid, ii. 130
 of elbow, i. 679

Tuberculosis of epididymis, iii. 305
 of finger-tip, iii. 444
 of hip, i. 665
 abscess in, i. 672
 acute stage, i. 666
 ambulatory treatment, i. 668, 671
 Bradford frame in, i. 666
 complications, i. 672
 convalescent stage, i. 668, 672
 deformity in, 672
 double, i. 673
 immobilization in, i. 666, 668
 in adults, i. 673
 Lovett's splint in, i. 671
 operative treatment, i. 673
 plaster-of-Paris splint in, i. 668
 subacute stage, i. 668
 traction splint in, i. 669
 of intestines, ii. 574
 of joints, i. 663
 amputation in, i. 665
 arthroctomy in, i. 665
 constricting band in, i. 232
 excision in, i. 665
 formalin-glycerin in, i. 281
 general treatment, i. 663
 heliotherapy in, i. 664
 hyperemic treatment, i. 664
 injection treatment, i. 664
 light treatment, i. 664
 local treatment, i. 663
 operative treatment, i. 664
 protection of joint in, i. 664
 rest in, i. 663
 tuberculin treatment, i. 663
 tuberculous foci in, i. 664
 of kidney, iii. 149
 nephrectomy in, iii. 149, 167
 of knee, i. 674
 amputation in, i. 677
 arthroctomy in, i. 677
 convalescence in, i. 677
 excision in, i. 677
 flexion-deformity in, i. 675
 gradual extension in, i. 676
 heliotherapy in, i. 675
 immobilization in, i. 674
 old cases, i. 676
 osteotomy of femur in, i. 677
 protection from traumatism in, i. 675
 Thomas' knee-splint in, i. 675
 traction in, i. 675
 of larynx, ii. 222
 of liver, iii. 112
 of metacarpal joints, i. 680
 of metatarsal joints, i. 680
 of muscles, i. 792
 of ovary, iii. 431
 of phalangeal joints, i. 680
 of pharynx, ii. 207
 of prostate, iii. 230
 of ribs, ii. 398
 of sacro-iliac joint, i. 680; ii. 355
 of seminal vesicles, iii. 278
 of shoulder-joint, iii. 450
 of skin, i. 837
 x-rays in, iii. 705

- Tuberculosis of spine, ii. 327. See also *Pott's disease*.
of spleen, ii. 785
of stomach, ii. 702
of suprarenal glands, iii. 181
of testicles, iii. 305
of thyroid gland, ii. 381
of tongue, ii. 290
of urethra, iii. 272
of uterus, iii. 370
of vulva, iii. 327
of wrist, i. 680
operative treatment, i. 281
pneumectomy in, ii. 416
pneumolysis in, ii. 418
predisposing causes, i. 277
principles of treatment, i. 277
prophylaxis, i. 276
resection of costal cartilages in, ii. 419
 of lungs in, ii. 416
rest in, i. 279
serum treatment in, i. 279
sunshine in, i. 279
surgical, Bier's hyperemia for, i. 232
 heliotherapy for, iii. 707
 sea-shore treatment, i. 279
thoracoplasty in, ii. 418
tuberculin in, i. 257
vaccine treatment, i. 279
verrucosa, i. 837
x-rays in, iii. 705
- Tuberculous abscess, i. 281
aseptic aspiration, i. 281
Bier's hyperemia in, i. 282
evacuation, i. 282
of tongue, ii. 290
adenitis, ii. 368
 non-surgical treatment, ii. 369
 technic of operation for, ii. 370
 appendicitis, iii. 101
 bursitis, i. 819
 cystitis, iii. 193
 empyema, ii. 413
 fistula, i. 282
 foci in bones, uncomplicated, i. 470
 hydrothorax, ii. 413
 laryngitis, anesthesia in, i. 137
 lymph-glands of neck, ii. 368
 non-surgical treatment, ii. 369
 technic of operation for, ii. 370
 meningitis, ii. 68
 nodules of tongue, ii. 290
 perforation of intestines, ii. 581
 peritonitis, ii. 554
 salpingitis, iii. 428
 spondylitis, ii. 327. See also *Pott's disease*.
 tenosynovitis, i. 817
- Tuberosity of tibia, painful enlargement of, iii. 466
- Tube, Eustachian. See *Eustachian tube*.
- Tubes, drainage, i. 44, 45
 glass, i. 46
 rubber, i. 45
 self-retaining, i. 46
 tracheotomy, ii. 221
- Tumors, benign connective-tissue, i. 323
 epithelial, i. 324
 brain, blindness with, ii. 178
 epilepsy from, ii. 101
 extirpation of, i. 323
 fibroid, partial hysterectomy for, iii. 418
 ganglion, i. 818
 intraspinal, ii. 338
 malignant. See also *Cancer*.
 mesenteric, ii. 563, 564
 of abdominal wall, ii. 538
 of appendix, iii. 104
 of axilla, iii. 453
 of bladder, iii. 194
 inoperable, iii. 197
 transperitoneal operation in, iii. 197
 route for removal, iii. 224
 of bones. See *Bones, tumors of*.
 of brain, ii. 75
 active treatment, ii. 76
 antisyphilitic treatment, ii. 76
 blindness with, ii. 178
 curative treatment, ii. 77
 dangers of lumbar puncture in, ii. 77
 decompression in, ii. 78
 indications for operation, ii. 75
 localizing indications, ii. 75
 palliative operations in, ii. 78
 results of operation, ii. 82
 suction apparatus in, ii. 78
 two-stage operations in, ii. 78
 of breast, mixed, ii. 475
 of broad ligament, iii. 426
 of chest wall, ii. 444
 of choroid, ii. 130
 of conjunctiva, ii. 124
 of cornea, ii. 128
 of cranial bones, ii. 42
 of diaphragm, ii. 470
 of esophagus, ii. 445
 of eyelid, ii. 120
 of face, ii. 115
 of gums, ii. 280
 of hypophysis, intradural approach to, iii. 819
 of intestines, ii. 582
 chronic obstruction from, ii. 610
 of iris, ii. 129
 of jaws, ii. 286
 of kidney, iii. 151
 of lacrimal gland, ii. 136
 of lips, benign, ii. 254
 of liver, iii. 112
 of lower extremities, iii. 462
 of lung, ii. 445
 of male breast, ii. 497
 of maxillary antrum, ii. 197
 of mediastinum, ii. 446
 of meninges, ii. 75
 of muscles, i. 792
 of nasal cavity, benign, ii. 188
 of nasopharynx, ii. 208
 of neck, ii. 372
 solid, ii. 372
 of nerves, i. 880
 of nipples, ii. 473
 of nose, ii. 188

Tumors of omentum, ii. 620
 of optic nerve, ii. 135
 of orbit, ii. 137
 removal of, ii. 163
 of ovary, iii. 431
 operation for, iii. 432
 torsion of pedicle, iii. 434
 of palate, ii. 255
 of pancreas, ii. 782
 of pelvis, iii. 460
 of penis, iii. 252
 of pericardium, ii. 445
 of peritoneum, ii. 557
 of pituitary body, ii. 83
 of pleura, ii. 445
 of prostate, iii. 246
 of rectum, iii. 74
 benign, iii. 74
 malignant, iii. 75
 of root of tongue, iii. 389
 of sacrococcygeal region, iii. 460
 of salivary glands, ii. 379
 of scalp, ii. 24
 of sclera, ii. 129
 of scrotum, iii. 303
 of seventh nerve, removal of, ii. 113
 of spinal cord, ii. 338
 medullary, extrusion treatment, ii. 342
 laminectomy in, ii. 341
 spinal decompression in, ii. 344
 of spine, ii. 338
 of spleen, ii. 785
 of stomach, ii. 703
 of suprarenal glands, iii. 181
 of teeth, ii. 280
 of testicles, iii. 306
 of thorax, ii. 444
 of tongue, ii. 291, 292
 of tonsils, ii. 216
 palliative treatment, ii. 216
 of trachea, ii. 224
 of umbilicus, ii. 537
 of ureter, iii. 156
 of urethra, iii. 272
 of uterus, iii. 372
 fibroid, radium in, iii. 712
 of vagina, iii. 356
 of vertebæ, ii. 338
 of vulva, iii. 327
 parovarian, iii. 434
 retroperitoneal, ii. 563
 special tissue, i. 323
 Tunica vaginalis, hemocele of, iii. 303
 Tunnel skin-grafting, iii. 644
 Turbinate bones, ii. 179
 hypertrophy, ii. 186
 removal, ii. 186
 Türk's mattress interlocking stitch for
 intestinal suture, ii. 636
 Turf-moss dressings, i. 42
 Turpentine enema, ii. 620
 Twilight sleep, i. 124
 Two-glass test in gonorrhœa, iii. 279
 Tying knots, methods of, i. 190
 with one hand, i. 203
 Typhoid, i. 848

Tympanic deafness, advanced, ii. 319
 membrane, ii. 299
 examination of, ii. 302
 incision of, in acute otitis media, ii. 307
 traumatic rupture of, ii. 306
 ulcerative rupture of, ii. 306
 wounds of, ii. 301
 Typhlitis, ii. 576
 Typhoid appendicitis, iii. 101
 arthritis, i. 660
 bacillus carriers, surgical treatment, iii. 115
 infection of gall-bladder, iii. 115
 osteitis, i. 469
 spine, ii. 326
 spondylitis, ii. 326
 ulcer, perforating, ii. 580
 ULCER, i. 308
 acute, i. 314
 applications for, i. 308.
 bleeding, i. 314
 chronic, i. 314
 curettage of, i. 309
 diabetic, i. 314
 dressings for, i. 308
 eczematous, i. 314
 edematous, i. 314
 excision of, i. 309
 exuberant, i. 314
 fungous, i. 314
 gastrojejunal, ii. 580
 herpetic, fulguration for, iii. 703
 indolent, i. 312
 x-rays in, iii. 706
 indurated, i. 313
 inflamed, i. 312
 irritable, i. 313
 jejunal, ii. 580
 later results, i. 225
 malignant, i. 315
 Marjolin's, i. 315
 neuralgic, i. 313
 of cornea, ii. 125
 simple, ii. 125
 of duodenum, ii. 576. See also *Duodenal ulcer*.
 of esophagus, ii. 433
 of foot, perforating, iii. 494
 of frenum of tongue, ii. 290
 of intestines, ii. 576
 of leg, heliotherapy for, iii. 707
 of lips, ii. 246
 of soft palate, ii. 255
 of stomach, ii. 720
 actual cautery in, ii. 724
 dietetic treatment, ii. 721
 excision of, ii. 723
 gastro-enterostomy in, ii. 722
 hyperchlorhydria in, treatment, ii. 722
 indications for operation in, ii. 722
 limitations of medical treatment, ii. 723
 near pylorus, ii. 723
 nonoperative treatment, ii. 720
 perforating, ii. 726
 resection of, ii. 759

- Ulcer of stomach, results of operation in, ii. 724
 of tongue, ii. 289
 aphthous, ii. 290
 dyspeptic, ii. 289
 herpetic, ii. 290
 mercurial, ii. 290
 traumatic, ii. 290
 of uvula, ii. 255
 painful, i. 312
 perforating typhoid, ii. 580
 phagedenic, i. 313
 pressure on, i. 309, 313
 rodent, i. 315
 scarification of, i. 310
 scorbutic, i. 314
 sloughing, i. 314
 sluggish syphilitic, i. 302
 tanner's, i. 315
 trophic, i. 313
 varicose, i. 310. See also *Varicose ulcers*.
 venereal, non-syphilitic, iii. 251
- Ulcerated hemorrhoids, iii. 74
- Ulceration, distortions and contractions following, iii. 693
 from x-rays, iii. 720
 of bladder, chronic infiltrating, iii. 194
 of esophagus, ii. 432
 of rectum, amebic, iii. 61
- Ulcerative proctitis, iii. 61
 rupture of tympanic membrane, ii. 306
- Ullmann's invagination method of intestinal anastomosis with ring or bobbin, ii. 658
- Ulna and radius, union of, iii. 451
 dislocations of, forward, i. 637
 inward, i. 637
 of lower end, i. 638
 excision of, i. 731
 fractures of, i. 572
 of shaft, i. 573, 574
 of styloid process, i. 579
 resection of, i. 731
 sarcoma of, i. 707
- Ulnar artery, ligation of, i. 424
 bursa, infections of, iii. 448, 449
 nerve, dislocation of, i. 897
 injuries of, i. 897
- Ultra-violet rays in erysipelas, i. 263
- Umbilical cord, hernia of, iii. 45
 hernia, iii. 18, 40
 large, operation for, iii. 42
 operation for, iii. 40
 local anesthesia in, i. 150
 with double sliding flap, iii. 43
 with purse-string wire suture, iii. 44
 with transverse flap, iii. 43
 small, operation for, iii. 40
 purse-string operation for, iii. 41
- Umbilicus, cysts of, ii. 537
 diseases of, ii. 537
 fistula of, ii. 537
 infections of, ii. 537
 tumors of, ii. 537
- Unconscious patients, moving, i. 184
- Undescended testicle, iii. 308
 Bevan's operation for, iii. 308
- Undescended testicle, late cases, iii. 309
 preliminary operation in, iii. 310
- Unguentum hydrargyri in syphilis, i. 286
- Unilateral strabismus, ii. 175
- Union, delayed, in fractures, i. 527
 faulty, in fractures, i. 527
 fibrous, in fractures, i. 528
- Universal scarf bandage, iii. 793
- Unna's zinc-gelatin dressings in varicose ulcers, i. 310
- Upper extremities, amputations of, iii. 542
 bandages of, iii. 753, 760
 diseases of, iii. 441
 nerves of, injuries to, i. 896
 prosthetic apparatus for, iii. 607
- Urachus, cysts of, ii. 538
 diseases of, ii. 538
 fistulas of, ii. 538
- Uranium, iii. 709
- Ureter, iii. 156
 anatomy, iii. 140
 catheterization of, by air distention, iii. 188
 in female, iii. 188
 exposure of, operative, iii. 171. See also *Exposure of ureter*.
 female, iii. 326
 fistula of, iii. 157
 implantation of, iii. 176. See also *Implantation of ureter*.
 injuries of, iii. 156
 occlusion of, accidental, iii. 156
 operations on, iii. 157
 stone in, iii. 152, 157
 operations for, iii. 153
 stricture of, iii. 156
 suture of, iii. 173
 tumors of, iii. 156
- Ureteritis, iii. 156
- Ureterocolostomy, iii. 178
- Ureterocystostomy, iii. 176
- Ureteroplasty, iii. 174
- Ureteropyelostomy, iii. 180
 in hydronephrosis, iii. 153
- Ureterorrhaphy, iii. 173
- Uretero-ureteral anastomosis, iii. 174
- Uretero-ureterostomy, iii. 174
 by lateral implantation, iii. 175
 end-into-end, by invagination, iii. 175
 oblique end-to-end, iii. 175
 transverse end-to-end, iii. 174
- Ureterovaginal fistula, iii. 353
 following hysterectomy, iii. 353
- Ureterovesicovaginal fistula, iii. 353
- Urethra, iii. 248
 abscess of, iii. 272
 acute inflammation, urinary retention from, iii. 210
 anatomy, 249
 cancer of, iii. 272
 contusions of, iii. 271
 cysts of, iii. 272
 female, iii. 324
 fistula of, iii. 274
 acquired, iii. 274
 with stricture, iii. 299
 foreign bodies in, iii. 273

Urethra, foreign bodies in, urinary retention from, iii. 211
 impermeable stricture of, iii. 290
 inflammations of, simple, iii. 272
 injuries of, iii. 250, 271
 extravasation of urine in, iii. 271
 male, iii. 248
 membranous, iii. 249
 operations on, local anesthesia in, i. 151
 orifice of, fibrous contracture, iii. 246
 papilloma of, iii. 272
 penile, iii. 249
 injuries of, iii. 250
 polyp of, fulguration for, iii. 703
 prolapse of, iii. 331
 prostatic, iii. 249
 rupture of, urinary retention from, iii. 210
 stricture of, iii. 286. See also *Stricture of urethra*.
 tuberculosis of, iii. 272
 tumor compressing, urinary retention from, iii. 211
 tumors of, iii. 272
 wounds of, iii. 271
 Urethral caruncle, iii. 328
 drainage of bladder, iii. 222
 fever, iii. 275
 orifice, iii. 182
 shock, iii. 275
 Urethrectomy, complete, in stricture, iii. 300
 for stricture, iii. 300
 partial, for stricture, iii. 300
 Urethritis, gonorrhoeal, iii. 279. See also *Gonorrhoea*.
 non-specific, iii. 272
 simple, iii. 272
 Urethrorectal anastomosis for incontinence of urine, iii. 331
 fistula, iii. 274
 Urethrorrhaphy, iii. 274
 Urethrotome, Otis', for cutting urethral stricture, iii. 292
 Urethrotomy, external, for stricture, iii. 294
 perineal, simplified, of Barney, iii. 296
 vesiculotomy combined with, iii. 278
 with guide, iii. 297
 without guide, iii. 297
 internal, in stricture of penile urethra, iii. 292
 prostatic, for stricture, iii. 299
 Urethrovaginal fistula, iii. 349
 Urinary bladder, papilloma of, fulguration for, iii. 700
 meatus, external, iii. 248
 female, iii. 324
 internal female, iii. 324
 Urine, antisepsis of, iii. 141
 continuous lumbar drainage of, iii. 180
 extravasation of, in urethral injuries, iii. 271
 stricture of urethra with, iii. 299
 incontinence of, iii. 207
 paraffin prosthesis for, iii. 691
 local antiseptics, iii. 142

Urine, retention of, iii. 209. See also *Retention of urine*.
 after abdominal operations, ii. 533
 postoperative, i. 226
 stricture of urethra with, iii. 299
 Urticaria, i. 827
 Uterine canal, dilatation of, iii. 398
 Uterocystostomy, iii. 180
 Uterosacral ligaments, iii. 325
 Uterus, anatomy, iii. 325
 and vagina, double, iii. 357
 antelexion of, iii. 385
 anteversion of, iii. 385
 appendages of, iii. 326
 cancer of, iii. 374
 fulguration for, iii. 703
 radium in, iii. 711
 cavity of, curettage of, iii. 399
 cornu of, iii. 325
 displacements of, iii. 376
 fibroid tumors of, radium in, iii. 712
 fibromyoma of, iii. 372
 gonorrhoea of, iii. 285
 hemorrhage from, iii. 362
 hernia of, iii. 51
 infantile, amenorrhoea from, iii. 397
 inflammations of, iii. 368
 inversion of, iii. 383. See also *Inversion of uterus*.
 lateroflexion of, iii. 385
 lateroversion of, iii. 385
 myoma of, radium in, iii. 712
 operations on, iii. 397
 local anesthesia in, i. 152
 preparation for, i. 180
 perforation of wall, with curet, iii. 401
 polypus of, iii. 372
 pregnant, puncture of, iii. 361
 prolapse of, iii. 376. See also *Prolapse of uterus*.
 retention of, in abdomen, in Cesarean section, iii. 408
 retroflexion of, iii. 386
 retroversion of, iii. 386
 rudimentary, iii. 375
 rupture of, iii. 361
 sarcoma of, iii. 375
 stenosis of, iii. 375
 suture of, iii. 361
 transplantation of ectopic pregnancy from Fallopian tube to, iii. 437
 tuberculosis of, iii. 370
 tumors of, iii. 372
 ventrosuspension of, for retroversion, iii. 393
 vessels of, iii. 326
 wounds of, iii. 360
 Uveitis, ii. 130
 Uvula, bifid, ii. 255
 diseases of, ii. 255
 elongation of, ii. 255
 Uvulotomy, ii. 255
 VACCINES, i. 255
 antigonococcus, in gonorrhoea, iii. 283
 autogenous, i. 256
 in pruritus ani, iii. 65, 818

- Vaccines, autogenous, results from, i. 256
Coccobacillus foetidus ozœnæ, in ozena, ii. 188
 colon bacillus, in appendicitis, iii. 88
 desiccated, in hydrophobia, i. 273
 dosage, i. 256
 in anthrax, i. 272
 in boils, i. 253
 in burns of skin, i. 824
 in chronic intestinal stasis, ii. 611
 suppurative otitis media, ii. 310
 in eczema, i. 832
 in erysipelas, i. 264
 in furunculosis, i. 820
 in joint infections, i. 257
 in osteomyelitis, i. 257
 in psoriasis, i. 835
 in puerperal septicemia, i. 257
 in ringworm of scalp, i. 840
 in septicemia, i. 256, 260
 in tuberculosis, i. 257, 279
Micrococcus catarrhalis, in ozena, ii. 188
 mixed, i. 256
 stock, i. 256
 technic of injections, i. 258
- Vacuum extraction of cataract, ii. 174
- Vagina, iii. 324
 absence of, iii. 357
 and uterus, double, iii. 357
 atresia of, iii. 357
 cancer of, iii. 356
 radium in, iii. 711
 chorio-epithelioma of, iii. 356
 double, iii. 357
 foreign bodies in, iii. 357
 fornix of, iii. 325
 hematoma of, iii. 333
 malformations of, iii. 357
 new, formation of, iii. 357
 by intestinal transplantation, iii. 359
 polyps of, iii. 356
 preparation of, for operation, i. 180
 traumatism of, iii. 333
 tumors of, iii. 356
 vestibular bulbs, iii. 324
 wounds of, iii. 333
- Vaginal cystotomy for stone in bladder, iii. 203
 hysterectomy, iii. 411
 by morcellement, iii. 414
 combined with vaginal, iii. 422
 with clamps, iii. 414
 hysterotomy, iii. 401
 operations without anesthesia, iii. 439
 proctotomy for rectal cancer, iii. 75
 retractors, iii. 398
 specula, iii. 398
 wall, abscess of, in vaginitis, iii. 355
 tears of, iii. 334
- Vaginismus, iii. 329
- Vaginitis, iii. 355
 abscess of vaginal wall in, iii. 355
 acute simple, iii. 355
 chronic simple, iii. 355
 gonorrhœal, iii. 284
 sterilized yeast in, iii. 284
 granular, iii. 356
- Vaginitis, senile, iii. 356
- Valgocavus, iii. 482
- Valgus, paralytic, iii. 484
- Valvular obstruction of renal pelvis, operation for, iii. 171
- Vanghetti's method of cineplastic amputation, iii. 527
- Vapor method of ether anesthesia, i. 109
- Varicocele, iii. 316
 Del Valle's operation for, iii. 318
 operation for, iii. 317
 pelvic, iii. 426
- Varicose lymphatics, i. 464
 ulcers, i. 310
 albuminuria in, i. 312
 amputation in, i. 312
 artificial scab treatment, i. 310
 heliotherapy in, i. 312
 Martin's treatment, i. 311
 Skillern's treatment, i. 311
 treatment, i. 311
 zinc-gelatin dressings in, i. 310
- veins, i. 448
 circumcision of leg in, i. 452
 eczema with, i. 448
 elevation treatment, i. 448
 excision of, i. 450
 by inversion, i. 452
 segmentary subcutaneous, i. 452
 extending above knee, i. 448
 injection treatment, i. 453
 ligation, multiple, i. 452
 of femoral artery for, i. 453
 of internal saphenous vein, i. 449
 of broad ligaments, iii. 426
 of legs, i. 448
 of vulva, iii. 329
 operative treatment, i. 449
 subcutaneous enucleation of, i. 452
 Trendelenburg's operation in, i. 499
- Variot's method of removing tattoo marks, i. 849
- Vas deferens, iii. 301
 anastomosis of, to epididymis of opposite side for sterility, iii. 312
 removal of section of, iii. 320
 wounds of, iii. 304
- Vasa efferentia, iii. 301
- Vascular goiter, operation on, ii. 388
 keratitis, ii. 127
 nevus, radium in, iii. 714
- Vasectomy, partial, iii. 320
- Vaselin, i. 58
- Vasoconstriction, local, in nasal operations, ii. 183
- Vasopuncture for seminal vesiculitis, iii. 277
- Vasostomy for seminal vesiculitis, iii. 277
- Vasotomy for seminal vesiculitis, iii. 276
- Vater, diverticulum of, iii. 106
- Vault and base of skull, fractures of, i. 537
 of skull, simple linear fractures, with symptoms of brain compression, i. 532
 without symptoms of brain compression, i. 532

Veins, i. 446
 transplantation of, iii. 648
 transplanted, for tendon reconstruction,
 i. 803
 traumatism of, i. 446
 varicose, i. 448. See also *Varicose veins*.
 wounds of, i. 446
 Vein-to-vein blood transfusion, i. 348
 Velpeau's bandage of shoulder and arm, iii.
 755
 Vena cava, anastomosis of, with mesenteric
 vein, in ascites, ii. 563
 with portal vein in ascites, ii. 561
 portal vein and, anastomosis between,
 i. 458
 Venereal ulcer, non-syphilitic, iii. 251
 Venesection, i. 453
 for compression of brain, ii. 54
 Venous infusion in local anesthesia, i.
 132
 puncture, i. 453
 sinuses, infections of, ii. 318
 thrombosis of, ii. 318
 Ventilation of hospitals, proper, i. 21
 Ventral decubitus for amputation, iii.
 500
 hernia, iii. 46
 after operation in appendicitis, iii.
 102
 operations on, local anesthesia in, i.
 150
 Ventricle, lateral, of brain, ii. 48
 right, paracentesis of, ii. 425
 Ventrosuspension of uterus for retroversion,
 iii. 393
 Verhoeff's method of tattooing cornea, ii.
 152
 Vermiform appendix. See *Appendix*.
 Vernal conjunctivitis, 123
 Verruca, i. 841
 plana, i. 842
 Vertebrae, dislocations of, i. 620. See also
Dislocations of vertebrae.
 fractures of, i. 537
 immobilization in, i. 538
 with compression, i. 538
 operations on bodies of, in Pott's disease,
 ii. 337
 sprains of, i. 651
 subluxations of, i. 623
 tumors of, ii. 338
 Vertebral artery, ligation of, i. 410
 Vertical postmuscular abdominal section,
 ii. 512
 Vertigo acoustic, operation on seventh
 nerve in, ii. 112
 Verumontanum, iii. 249
 inflammation of, iii. 272
 Vesical calculus, iii. 197. See also *Stone*
in bladder.
 fistula, iii. 209
 hematuria, iii. 209
 Vesicles, seminal, iii. 227, 275, 301. See
 also *Seminal vesicles*.
 Vesico-intestinal fistula, iii. 209
 Vesico-uterine fistula, iii. 352
 ligaments, iii. 325

Vesicovaginal drainage, iii. 221
 fistula, iii. 346
 after-treatment, iii. 351
 colpocleisis for, iii. 352
 denudation operation, iii. 346
 flap-splitting operation in, iii. 347
 high, iii. 351
 incurable, iii. 352
 large, iii. 351
 Mayo's operation for, iii. 348
 rectal drainage of bladder in, iii. 352
 small, iii. 351
 Vesiculitis, seminal, vasopuncture for, iii.
 277
 vasostomy for, iii. 277
 vasotomy for, iii. 276
 Vesiculotomy combined with external
 urethrotomy, iii. 278
 with drainage of seminal vesicles, iii. 278
 Vessels, i. 81, 84
 Vestibular bulbs of vagina, iii. 324
 Vibration in chronic inflammation, i. 249
 Vibratory massage, iii. 715
 in neuralgia, i. 864
 Vienna anesthetic mixture, i. 119
 paste as caustic, i. 74
 Vincent's glass tube for indirect blood
 transfusion, i. 354
 Violin hold of operating scalpel, i. 184
 Visceral injuries, ii. 535
 Visual sensory center of brain, ii. 45
 Vitreous, diseases of, ii. 134
 fluidity of, ii. 134
 foreign bodies in, ii. 134
 hemorrhage into, ii. 134
 opacities in, ii. 134
 pus in, ii. 134
 Vogel's method of preventing adhesions
 in abdominal operations, ii. 522
 Voice, training of, after cleft-palate opera-
 tion, ii. 266
 Volkman's sliding splint, i. 491
 Volumetric analysis of Dakin's fluid, i. 61
 Volvulus, ii. 608
 of stomach, ii. 715
 Vomiting after abdominal operations, ii.
 531
 after operation in appendicitis, iii. 101
 postoperative, i. 226; ii. 615
 von Hacker's method in stricture of esopha-
 gus, ii. 436
 von Leube's treatment of ulcer of stomach,
 ii. 721
 Vosburg's dressing for skin-grafting, iii. 640
 Vulva, abscess of, iii. 327
 angioma of, iii. 328
 cancer of, iii. 328
 cysts of, iii. 328
 eczema of, i. 832
 elephantiasis of, iii. 329
 excision of, iii. 329
 fibroma of, iii. 328
 fissure of, iii. 329
 hematoma of, iii. 327
 hydrocele of, iii. 328
 inflammations of, iii. 327
 kraurosis of, iii. 329

- Vulva, lipoma of, iii. 328
 papilloma of, iii. 327
 posterior commissure of, iii. 323
 sarcoma of, iii. 328
 syphilis of, iii. 327
 tuberculosis of, iii. 327
 tumors of, iii. 327
 varicose veins of, iii. 329
 wounds of, iii. 327
 Vulvitis, follicular, iii. 327
 gonorrheal, iii. 284
 simple, iii. 327
 Vulvovaginitis, gonorrheal, in children, iii. 285
 in children, iii. 355
- WALBAUM'S operation for prolapse of uterus, iii. 379
 Walker's circular occlusion method of intestinal anastomosis, ii. 660
 Wallace's method of forming new vagina, iii. 360
 of trachelorrhaphy, iii. 364-366
 Walton method of reconstructing common duct, iii. 135
 Wandering kidney, iii. 154
 nephropexy for, iii. 154
 spleen, ii. 786
 Warbasse's cone vaporizer for ether anesthesia, i. 111
 method for dressing fractures of clavicle, i. 553
 of continuous divulsion in fractures, i. 496, 497
 of forming motile amputation stump, iii. 534
 of rhinoplasty with gutta-percha bridge, iii. 677
 operation for hydrocele, iii. 312
 for inguinal hernia, iii. 24
 after-treatment, iii. 32
 closure of canal and ring, iii. 26
 of inguinal canal, iii. 31
 of superficial parts, iii. 29
 exposure of canal, iii. 25
 isolation and closure of sac, iii. 30
 overlapping aponeurosis, iii. 29
 shortening and closure of aponeurosis, iii. 31
 sparing nerves in, iii. 32
 suture material for, iii. 32
 treatment of sac, iii. 25
 technic for rhinoplasty with transplantation of little finger, iii. 674
- Warts, i. 32
 of penis, iii. 253
 radium in, iii. 713
- Wasps, stings of, i. 276
- Wassermann test in syphilis, i. 299
- Water as local anesthetic, i. 139
 bed for bed-sores, i. 313
 boiling, sterilization by, i. 31
 cushions, i. 23
 sterile, i. 57
 preparation of, i. 32
 sterilizer, i. 30
 test of kidney function, iii. 144
- Water-glass bandages, i. 56
 Wax, chloramin for superficial wounds, iii. 807
 Waxed paper protective, i. 54
 Weak-foot, iii. 484
 Weaving bandage, iii. 742
 Webbed fingers, iii. 456
 penis, iii. 255
 Wedge-eyed needles, i. 79
 Wedge-isolation operation of Herbert in glaucoma, ii. 161
 Weight and pulley traction in fractures, i. 487
 Wen, i. 845
 of scalp, ii. 24
 Werner's operation for rectal stricture, iii. 65
 Wet applications in inflammations, i. 234
 White's operation for cystocele, iii. 345
 Whitehead's operation for hemorrhoids, iii. 72
 Whitman's operation for paralytic calcaneus, iii. 484
 Whitney's catgut treatment of hydrocele, iii. 316
 Wick drains, i. 47
 Wicking, iodoform, i. 40
 Winslow's foramen, hernia through, iii. 51
 Wire coverings for protection of wounds, i. 210
 frame suspension splints, i. 487
 sutures, i. 38
 traction from skin in fractures, i. 493
 Wiring in aneurism, i. 382
 in fractures, i. 503
 of lower jaw, i. 545
 Wirsung's duct, iii. 106
 Witzel's method of gastrostomy by canalization of stomach wall, ii. 736
 Woelfler's solution, i. 73
 Women, appendicitis in, iii. 102
 genital tuberculosis in, iii. 439
 gonorrhea in, iii. 283
 stone in bladder in, iii. 203
 ureteral catheterization in, iii. 188
 Wood-fiber dressings, i. 42
 Wood-wadding dressings, i. 42
 Wood-wool dressings, i. 42
 Woody phlegmon, ii. 362
 Wounds, i. 166; iii. 733
 accidental, i. 166
 treatment, i. 186
 adhesive straps for, i. 187
 bullet, i. 222
 clean, no-dressing treatment, i. 210
 closure of, i. 187, 188; iii. 809. See also *Sutures*.
 complications, i. 211
 contractions of, i. 225
 distortions of, i. 225
 and contractions following, iii. 693
 drainage of, i. 204
 dressings of, i. 205
 Delbet's paste for, iii. 805
 subsequent, i. 211
 fever from, i. 213
 foreign bodies in, x-ray for removal, i. 223

Wounds from explosive bullets, i. 222
 gaping, i. 212
 general considerations, i. 166
 granulating, i. 220
 gunshot, i. 222
 healing, iii. 734
 hemorrhage in, i. 212
 incised, i. 219
 infected, i. 27, 28, 211, 237. See also
Infected wounds.
 keloid of, x-rays in, iii. 705
 lacerated, i. 219
 later results, i. 225
 metallic bodies in, microphone for re-
 moval, i. 224
 Michel clamp for, i. 187, 189
 of abdominal wall, ii. 535
 of air-passages with cut-throat, ii. 360
 of arteries, i. 371
 of auricle, ii. 303
 of axilla, iii. 452
 of bile-ducts, iii. 114
 of bladder, iii. 190
 of blood-vessels, cut-throat with, ii. 360
 of brain, ii. 61
 bullet, ii. 62
 stab, ii. 62
 of breast, ii. 472
 of bursæ, i. 819
 of carotid artery, ii. 360
 of chest wall, non-penetrating, ii. 397
 penetrating, ii. 397
 of choroid, ii. 130
 of ciliary body, ii. 130
 of conjunctiva, ii. 121, 124
 of cornea, ii. 121, 128
 of diaphragm, ii. 398, 536
 of dura mater, ii. 61
 of esophagus, ii. 360, 431
 of external auditory canal, ii. 304
 of eyeball, ii. 121
 of eyelids, ii. 121
 of face, ii. 115
 masks for, iii. 686
 of Fallopian tubes, iii. 430
 of forearm, iii. 452
 of gall-bladder, iii. 114
 of heart, ii. 428
 penetrating, ii. 429
 of intercostal artery, ii. 398
 of internal jugular vein, ii. 360
 mammary artery, ii. 398
 of intestines, non-perforating, with
 wounds of mesentery, ii. 568
 perforating, ii. 567
 suturing of, ii. 635
 of intracranial structures, ii. 61
 of iris, ii. 129
 of joints, i. 654
 aseptic, i. 654
 bullet, i. 656
 gunshot, i. 656
 incised infected, i. 655
 lacerated infected, i. 655
 punctured, i. 654
 with compound fractures, i. 657
 of kidney, iii. 146

Wounds of larynx, ii. 220
 of lips, ii. 246
 of liver, iii. 107
 of lung, suturing of, ii. 414
 with penetration of chest wall, ii. 413
 with pleural infection, ii. 414
 of lymphatic vessels, i. 460
 of meninges, ii. 61
 of mesentery, ii. 568
 non-perforating wounds of intestine
 with, ii. 568
 of muscles, i. 791
 of nerves, i. 852
 of neck, ii. 360
 of newborn, iii. 697
 of nose, ii. 183
 of optic nerve, ii. 135
 of pancreas, ii. 779
 of pelvis, iii. 459
 of penis, iii. 250
 of pericardium, ii. 422
 of pia-arachnoid, ii. 61
 of pleura, ii. 399
 of receptaculum chyli, i. 460
 of rectum, iii. 60
 of scalp, accidental, ii. 18
 control of hemorrhage in, ii. 18
 infection in, ii. 18
 operative, ii. 19, 20
 suture of, ii. 19
 of sclera, ii. 129
 of scrotum, iii. 301
 of skin, i. 820
 of spermatic cord, iii. 304
 of sphincter ani, iii. 60
 of spine, bullet, ii. 325
 stab, ii. 325
 of spleen, ii. 784
 of stomach, ii. 702
 of tendons, i. 796
 old, i. 816
 of testicles, iii. 303
 of thoracic duct, i. 460; ii. 361
 of tongue, ii. 287
 gunshot, ii. 288
 of trachea, ii. 220
 of tympanic membrane, ii. 301
 of urethra, iii. 271
 of uterus, iii. 360
 of vagina, iii. 333
 of vas deferens, iii. 304
 of vulva, iii. 327
 open, rubber protective for, i. 209
 operative, i. 166
 method of making, i. 184
 punctured, i. 219
 septicemia from vaccines in, i. 257
 shell, i. 222
 shrapnel, i. 222
 sloughing, i. 221
 small, treatment, i. 187
 soiled, treatment, i. 186
 with earth, i. 221
 stab, i. 219
 superficial, chloramin wax for, iii. 805
 suppurating, bitartrate of potassium for,
 i. 212

- Wounds, suppurating, hot-air treatment, i. 187
 wire covering for protection of, i. 210
 with foreign bodies, i. 222
 with loss of substance, i. 220
- Wright's solution, i. 58
- Wrist, amputations at, iii. 554
 ankylosis of arthroplasty for, i. 764
 dislocations of, i. 638. See also *Dislocations of wrist*.
 excision of, i. 746. See also *Excision of wrist*.
 sprains of, i. 652
 subluxations of, spontaneous, i. 638
 tuberculosis of, i. 680
- Wrist-drop, i. 896; iii. 452
 arthrodesis in, i. 739
- Wrist-joint, arthritis of, iii. 450
 disarticulation at, iii. 554
 with double flaps, iii. 555
 with lateral flap, iii. 555
 with palmar flap, iii. 554
 diseases of, iii. 451
- Writers' cramp, iii. 455
- Writing, brain center of, ii. 44
- Wyeth's method of controlling hemorrhage in disarticulation of hip-joint, iii. 602
 of shoulder-joint, iii. 564
- XANTHELASMA, ii. 120
- Xanthoma, i. 843
- Xerotic keratitis, ii. 127
- X-rays, burns from, iii. 703, 720
 dermatitis from, iii. 720
 dosage, iii. 704
 effect on epiphyseal growth of bones, iii. 705
 for deep disease, iii. 704
 for osteosarcoma, iii. 704
 for removal of foreign bodies in wounds, i. 223
 in acne indurata, iii. 704
 vulgaris, iii. 704
 in carcinoma of deeper parts, iii. 705
 in eczema, iii. 704
 in epithelioma of skin, iii. 705
 in erythema induratum, iii. 704, 705
 in hyperthyroidism, ii. 390
- X-rays in indolent ulcers, iii. 706
 in inoperable cancer, i. 332
 in keloid of acne, iii. 705
 of wounds, iii. 705
 in lupus erythematosus, iii. 704
 vulgaris, iii. 704
 in mycosis fungoides, iii. 705
 in prurigo, iii. 704
 in pseudoleukemia, i. 465; iii. 705
 in psoriasis, iii. 705
 in recurrent cancer, iii. 705
 in rhinoscleroma, iii. 705
 in sarcoma cutis, iii. 705
 of deeper parts, iii. 705
 in skin tuberculosis, iii. 705
 in splenic leukemia, iii. 705
 in tinea tonsurans, iii. 704
 in tuberculosis, iii. 705
 keratosis from, radium in, iii. 714
 protecting operator in use of, iii. 704
 therapeutic uses, iii. 703
 ulceration from, iii. 720
- YAWS, i. 303
 salvarsan in, i. 303
- Yeast, sterilized, in gonorrheal vaginitis, iii. 284
- Young's method of shortening uterosacral ligaments for retroversion, iii. 394
 punch operation for prostatic bars, iii. 245
- ZIEGLER'S V-shaped iridotomy, ii. 156
- Zinc chlorid as antiseptic, i. 71
 paste, i. 74
 oxid as antiseptic, i. 71
 gauze, i. 41
 stearate as antiseptic, i. 71
 sulphate as antiseptic, i. 71
 sulphocarbolate as antiseptic, i. 71
- Zinc-gelatin dressings in varicose ulcers, i. 310
- Zonular cataract, ii. 133
- Zoödermic skin grafts, iii. 642
- Zuppinger's lever tractoin frame, i. 494
- Zygoma, fractures of, i. 540
 resection of, for exposure of temporo-maxillary joint, i. 740

COMPLETE INDEX OF NAMES TO VOLUMES I, II, III

Abadie

ABADIE, ii. 161
 Abbé, ii. 108, 344, 438
 Abbott, ii. 354
 Abel, iii. 817
 Abrashanoff, i. 308
 Ach, ii. 758
 Achard, ii. 402
 Adams, i. 712, 714; ii. 145
 Adolph, ii. 565
 Adson, iii. 819
 Albee, i. 507, 510, 511, 512, 513, 514, 516,
 517, 739, 774, 775, 776, 777, 778, 779,
 784, 785, 786, 787; ii. 350; iii. 479, 480, 809
 Alexander, iii. 390, 391
 Alexinsky, i. 893
 Allen, i. 80, 129, 131, 141, 144, 147, 149;
 iii. 394
 Allis, i. 106, 107, 634
 Allport, ii. 153
 Alvarez, iii. 808
 Andrews, i. 120, 339; ii. 676; iii. 314
 Andrews and McArthur, iii. 69
 Anel, i. 383
 Annandale, i. 716, 724
 Antyllus, i. 382
 Ashurst, iii. 530
 Audree, i. 769
 Audry, ii. 693

 BABCOCK, iii. 607
 Babler, ii. 558
 Baccelli, i. 268
 Bailey, iii. 794
 Baldwin, iii. 359
 Balfour, ii. 595, 724
 Ballance, ii. 68
 Ballance and Stewart, i. 857
 Banti, ii. 785
 Bardenheuer, i. 498; iii. 659
 Barney, iii. 296
 Barraquer, ii. 174
 Barrett and Mayo, iii. 391
 Bartlett, i. 36, 615; iii. 168, 316
 Bassini, iii. 32, 35
 Bayer, iii. 679
 Bayliss, i. 348
 Beal, iii. 224
 Beck, i. 306; ii. 413; iii. 262, 263, 264, 267,
 268
 Beebe, ii. 390, 394
 Beer, ii. 126, 341, 562
 Belfield, iii. 276
 Bellocq, ii. 185
 Bennet, ii. 344, 711, 712

Burkardt

Benoist, iii. 704
 Berkowitz and Seff, iii. 442
 Bernheim, i. 353, 354, 355
 Bernheim and Voegtlin, i. 458
 Bevan, i. 273; iii. 120, 121, 268, 269, 308,
 310
 Bickham, i. 395, 404, 406, 407, 408, 416,
 421, 433, 438, 443; ii. 656; iii. 609, 610
 Bier, i. 134, 229, 230, 233, 264, 280, 282,
 309, 528, 664, 686, 699, 817; iii. 442, 526,
 590
 Biesalski and Mayer, i. 812
 Bigelow, i. 640, 643, 645; iii. 199, 201
 Bigelow and Smith, i. 641
 Billroth, i. 119, 716; ii. 750
 Binnie, iii. 526
 Bircher and Weir, ii. 714
 Blach, i. 458
 Blad, ii. 558, 560
 Blair and McGuigan, i. 447
 Blasius, i. 623
 Bloodgood, iii. 37
 Blumberg, iii. 429
 Boas, iii. 74
 Bode, ii. 528
 Boeckel, i. 718, 719, 723, 724, 746
 Bogojawlensky, ii. 88
 Bonnet and Meckel, i. 148
 Bönninghaus, ii. 197
 Bookman, i. 201, 202
 Bottini, iii. 232
 Bougard, i. 331
 Bovy, iii. 814
 Brabant, i. 705
 Bradford, i. 583, 615, 666; ii. 328
 Bramson, i. 250
 Brasdor, i. 383
 Brauer, ii. 418, 424, 451
 Brault, i. 849
 Braun, i. 146, 148, 149
 Brewer, ii. 415
 Brinsmade, ii. 521, 694
 Brooks and Green, iii. 196
 Brophy, ii. 265
 Brown, ii. 574
 Brown and Kimpton, iii. 817
 Bryant, ii. 462
 Buck and Gross, i. 488
 Bulkley, i. 841
 Bull and Pritchett, iii. 873
 Bum, i. 879
 Bunge, iii. 510
 Bunting and Yates, i. 465
 Burkardt, i. 115

- Busch, iii. 687
 Butlin, ii. 296
 Byrne, i. 331; iii. 422, 423
 Byrnes, i. 205

 CALMETTE, i. 275
 Calot, ii. 332
 Campailla, i. 289
 Campbell, i. 530
 Cannon, i. 217
 Cantas, iii. 267
 Cargile, ii. 522
 Carnes, iii. 607, 608, 609, 610
 Carr, ii. 19
 Carrel, i. 247, 375; ii. 562
 Carrel and Dakin, i. 242
 Carrel and Guthrie, i. 446
 Carter, ii. 180; iii. 682
 Casper, iii. 184
 Castellani, i. 464
 Cathelin, iii. 208
 Ceci, iii. 527, 530
 Chantemesse, i. 459
 Chaput, i. 493
 Charcot, i. 681
 Charpy, ii. 431
 Chassing, iii. 728
 Chiari, ii. 90
 Chiene, i. 716
 Chipault, ii. 33, 48
 Chismore, iii. 199
 Chopart, iii. 580
 Christiani, ii. 394
 Clark, i. 892; ii. 533, 547
 Clubbe, ii. 607
 Codivilla, i. 486, 495, iii. 468
 Coffey, ii. 541, 675, 685, 712; iii. 81, 179, 392
 Coley, i. 332; iii. 45
 Colles, i. 575
 Colton, ii. 408
 Connell, ii. 636, 637, 651, 654, 769; iii. 805
 Conrad, i. 174
 Cooper, i. 631
 Corrigan, i. 370
 Cotton, i. 621, iii. 807
 Couteaud, i. 550
 Crile, i. 176, 177, 213, 214, 215, 216, 217, 348, 349, 352; ii. 52, 231, 235, 391, 392, 393, 547
 Crisler, ii. 550
 Crooks, iii. 703
 Cryer, ii. 29
 Cunningham, i. 122; iii. 782
 Cushing, i. 890; ii. 19, 25, 37, 38, 77, 82, 88, 92, 98, 106, 108, 110, 631, 634, 635, 636, 649, 654, 655, 656, 660, 662, 674
 Czerny, ii. 634, 635

 DACOSTA, ii. 103, iii. 718, 719
 Dahlgren, ii. 29; iii. 81
 Dakin, i. 60, 63, 73, 242, 247
 Dakin and Carrel, i. 242
 D'Arsonval, iii. 699, 703
 Daufresne, i. 61
 Davis, ii. 146; iii. 458, 665
 Davison, i. 512, 517

 Dawbarn, iii. 223
 Deaver, ii. 578, 579, 727
 deForest, i. 623; ii. 247
 DeFrancesco, iii. 529
 Deguise, ii. 377
 Déjérine, ii. 323
 De Keating-Hart, iii. 699, 706
 Delatour, ii. 695
 Delbet, i. 117, 390
 Del Valle, iii. 318
 Dench, ii. 321
 Denker, i. 724
 Desault, i. 383; iii. 755, 756, 757
 Deschamps, i. 383
 deSchweinitz, ii. 130, 159
 Desmarest, ii. 348
 Desmarres, ii. 150
 Deutschmann, ii. 135
 DeWecker, ii. 152
 Dickinson, ii. 515; iii. 421
 Didot, iii. 456
 Dieffenbach, i. 718, 722; ii. 146
 Doane, i. 789
 Doberauer, i. 455
 Dobson, ii. 589
 Dodd, i. 220
 Döllinger, ii. 110
 Dorrance, i. 374; iii. 442
 Dowd, ii. 574; iii. 47
 Doyen, i. 691; ii. 27, 29, 30, 32
 Dreuw, i. 834
 DuBose, iii. 43
 Dudley, iii. 353
 Duncan, i. 169
 Dunham, i. 63
 Dunham, Horsley and Esser, iii. 660
 Dupuytren, i. 606; iii. 454

 EASTMAN, i. 200
 Eck, i. 458; ii. 561
 Edebohls, iii. 170
 Ehrenfried, iii. 471
 Ehrlich, i. 284, 291, 294, 302
 Eisenstaedt, Lespinasse and Fisher, i. 377
 Elbrecht, iii. 57
 Elgart, iii. 608
 Elliot, ii. 162
 Elliott and Kanavel, ii. 785
 Ellis and Swift, i. 295
 Elsberg, i. 536, 705; ii. 87, 341, 342, 343, 448
 Emrich, ii. 570
 Erhardt, i. 161
 Esmarch, i. 56, 107, 229, 367, 679, 726, 751, 854; iii. 446
 Esser, iii. 665
 Esser, Dunham and Horsley, iii. 660
 Estlander, ii. 410
 Ewald, ii. 369

 FARABEUF, i. 735; iii. 582, 587, 589
 Fee, iii. 223
 Fehleisen, i. 332
 Fenger, ii. 267
 Fergus, ii. 142
 Ferguson, ii. 269

- Fergusson, i. 718
 Fetterolf, ii. 189
 Finney, ii. 578, 725, 740, 741, 742, 743, 744, 745, 759
 Finochietto, ii. 673; iii. 500
 Finsen, i. 280, 837; iii. 707
 Fischer, iii. 806, 812
 Fischer, Eisenstaedt and Lespinasse, i. 377
 Fisher, ii. 529; iii. 722
 Flexner, ii. 67
 Fliess, iii. 394
 Florio, ii. 556
 Foerster, ii. 344
 Foote and Weir, ii. 706, 710
 Fowler, ii. 410, 528
 Fox, i. 253
 Fraenkel, i. 664
 Franck, ii. 734
 Franke, ii. 347, 560
 Frazer, ii. 51, 348
 Frazier, ii. 37, 77, 87, 106, 107, 109, 111; iii. 819
 Freeman, i. 507; ii. 388; iii. 647
 French, ii. 209
 Freudenberg, iii. 232
 Freund, ii. 419
 Frick, iii. 819
 Friedländer, ii. 188, 418, 419, 445, 453, 459, 460
 Friedman, ii. 20, 22
 Froehlich, ii. 153
 Fulda, i. 706; iii. 44, 534

 GAENSLER, ii. 344
 Gallant, iii. 155
 Gallet, ii. 671
 Gant, i. 714; ii. 693
 Gatch, i. 121, 122, 123
 Gaudiani, iii. 539
 Gauss, i. 366; iii. 711
 Gellhorn, iii. 423, 424
 Gelyi, i. 365
 Gergö, i. 234
 Gersuny, ii. 692; iii. 80
 Gettler and Lindeman, i. 177
 Gibson, ii. 147, 573, 665
 Gifford, i. 476, 593, 594
 Gigli, ii. 29, 32; iii. 78
 Gilbert, ii. 402
 Gilliam, iii. 391
 Glück, ii. 224, 231, 233, 234, 236
 Goffe, iii. 379
 Goldmann, i. 709
 Goldthwait, i. 582
 Gottheil, i. 288
 Gottstein, ii. 187, 211, 437
 Gould, ii. 389, 633, 634, 654, 666, 668, 669, 678, 714, 736, 751
 Graham, iii. 58
 Gray, i. 405; ii. 117, 397, 431
 Green, ii. 243
 Green and Brooks, iii. 196
 Gross and Buck, i. 488
 Guerche, i. 269
 Guérin, i. 719, 722
 Guilard, i. 99
 Guthrie, ii. 562; iii. 88

 Guthrie and Carrel, i. 446
 Guyon, iii. 211, 587
 Gwathmey, i. 100, 102, 110, 122; iii. 807
 Gwathmey and Karsner, iii. 807

 HACKENBRUCH, i. 497
 Haecker, ii. 429
 Hagner, iii. 312
 Hahn, ii. 730
 Hallion and Tuffier, i. 390
 Halsted, i. 384, 392, ii. 633, 634, 639; iii. 37
 Hammond and Sharpe, i. 296
 Hancock, ii. 161
 Handley, i. 462, 463
 Hare, i. 382
 Harrington, i. 59
 Harris (Burton), iii. 152
 Harris (M. L.), iii. 379
 Harris (P. A.), iii. 379
 Harris (S.), ii. 721
 Harrison, i. 47; iii. 170
 Hartley, ii. 106, 108, 671, 674; iii. 204
 Hartwell, i. 352
 Hassler and Honan, i. 115
 Haynes, ii. 70, 98
 Heald, i. 196, 198
 Hecht, i. 879
 Heine, ii. 157
 Heineke and Mikulicz, ii. 740
 Heiser, i. 836
 Heitler, ii. 426
 Helferich, i. 760, 762
 Helmholz, i. 355
 Henderson, i. 108, 213, 779
 Henle, ii. 436
 Herbert, ii. 161
 Herbst, iii. 314
 Herrick, iii. 820
 Herschell, ii. 570
 Hess, i. 342; ii. 142
 Heuer, iii. 819
 Hewitt, i. 99, 122
 Hey, iii. 580, 588, 589
 Hibbs, i. 615, 780, 781, 782
 Hirsch, iii. 510
 Hirschsprung, ii. 610
 Hirst (B. C.), iii. 408
 Hodenpyl, i. 333
 Hodge, iii. 388
 Hodgen, i. 585
 Hodgkin, i. 464
 Hoffa, i. 613, 684, 685, 783, 805; iii. 474
 Hogan, i. 347
 Holden, ii. 232
 Holländer, iii. 688
 Holt, ii. 719
 Holzknecht, i. 223; iii. 704
 Honan and Hassler, i. 115
 Hooker, i. 260
 Horsley, i. 378; ii. 77, 108, 110
 Horsley, Esser and Dunham, iii. 660
 Hort, ii. 576
 Howard, iii. 718
 Hudson, ii. 28, 29; iii. 808
 Hunter, i. 383

- JABOULAY, ii. 392; iii. 314, 494
 Jack, iii. 221
 Jackson, i. 847; ii. 225, 239, 240, 242, 244,
 422, 490, 602
 Jamieson, ii. 589
 Janeway, ii. 731
 Jennings, ii. 480
 Jessett, ii. 607
 Jett, i. 191
 Jianu, i. 446; ii. 465
 Joani, i. 374
 John, iii. 753
 Johnston, iii. 221
 Jones, iii. 81
 Jannesco, i. 161; ii. 101
 Judd, iii. 37, 172
 Judson, iii. 472
 Junker, i. 124; ii. 188
- KADER, ii. 733, 734
 Kanavel, i. 345, 861; ii. 90, 702; iii. 445
 Kanavel and Elliott, ii. 785
 Kaposi, i. 847
 Karsner and Gwathmey, iii. 807
 Katzenstein, i. 769
 Keen, i. 379, 392, 397; ii. 96, 437, 452, 541;
 iii. 80, 142, 606, 608, 609, 610, 611, 700,
 714
 Kectley, ii. 572
 Kehr, iii. 135
 Kellogg, ii. 610, 611, 614
 Kemp, iii. 57
 Kennedy, i. 890
 Kenyon, ii. 38
 Killian, ii. 202, 225, 239, 240
 Kimpton, iii. 818
 Kimpton and Brown, iii. 817
 Kingsley, i. 544, 546
 Kirstein, ii. 242
 Klebs, ii. 207
 Knapp, ii. 150, 152, 171, 174
 Koch, i. 257, 258; ii. 429
 Kocher, i. 267, 627, 628, 631, 644, 645, 730,
 742, 744, 751, 872, 875; ii. 101, 106, 108,
 109, 297, 393, 394, 424, 552, 562, 747; iii.
 34, 119, 168, 525, 526
 Kollé, iii. 652, 653, 685, 687
 Kollmann, iii. 289
 König, iii. 670
 Körner, ii. 314, 315
 Korotkow and Pachon, i. 390
 Kraft, ii. 728
 Kraske, iii. 45
 Kraus, i. 272
 Krause, i. 323; ii. 78, 87, 88, 106, 108; iii. 649
 Kromayer, i. 289
 Kroner and Oelsner, i. 161
 Krönig, i. 332
 Krönlein, i. 876; ii. 50, 752, 779
 Krumbhaar, ii. 785
 Kuettner, ii. 344
 Kuhnt, ii. 145
 Kümmell, i. 115, 396; ii. 757
 Kuyk, ii. 369
- LABARRAQUE, i. 64
 Lagarde, iii. 690
- Lagrange, ii. 157
 Lambotte, i. 462; ii. 559
 Lambotte and Putti, i. 506
 Landolt, ii. 176
 Landon, i. 349, 352
 Lane, i. 508; ii. 261, 444, 602, 613, 614
 Lang, ii. 156
 Lange, i. 801
 Langenbeck, i. 711, 719, 721, 722, 723, 724,
 741, 748
 Lanz, i. 463, 464
 Larralde, ii. 417
 Lassar and Spronk, i. 332
 Lauenstein, i. 755
 Law, iii. 647
 Le Conte, i. 247
 Lee, iii. 814
 Lembert, ii. 631, 632, 633, 635, 649
 Lemon and Mueller, i. 485
 Lenhartz, ii. 721
 Lennander, i. 146
 Lespinasse, Fischer and Eisenstaedt, i. 377
 Lewis, iii. 194
 Lewisohn, i. 356; ii. 243
 Lexer, i. 768; ii. 108, 110; iii. 44, 644, 647
 Libman and Ottenberg, i. 355
 Lilienthal, i. 740; ii. 420, 421, 662; iii. 243
 Lindeman, i. 353
 Lindeman and Gettler, i. 177
 Lisfranc, iii. 580
 Lister, i. 746
 Liston, i. 721
 Locke, i. 58, 177
 Lockwood, i. 172
 Loeb, iii. 423
 Löffler, ii. 207, 212
 Lorenz, i. 613, 617; ii. 327; iii. 471, 474
 Loreta, ii. 737
 Lotheissen, ii. 439
 Lothrop, ii. 199
 Lovett, i. 670, 671, 802
 Lowman, i. 498
 Ludwig, ii. 362
 Lumbard, i. 110
- MACDONALD, i. 796
 Maccwen, i. 382, 712, 714, 715, 716; iii. 468
 Mac Lennan, iii. 644
 Malgaigne, i. 573, 602, 722
 Mancini, iii. 812
 Manson, iii. 111
 Marcy, i. 37
 Marelli, iii. 608
 Marion, iii. 23
 Marsden, i. 331
 Martin, i. 229, 311, 506; iii. 311
 Martinache, ii. 126
 Marton, iii. 793
 Mason, Sydenstricker and Rivers, i. 355
 Matas, i. 270, 384, 389, 390, 391, 393, 395,
 545, 547
 Matti, i. 456
 Maunsell, ii. 607, 654, 655, 658, 661, 663
 Maydl, iii. 204
 Mayer, i. 716; ii. 326, 698
 Mayer and Biesalski, i. 812

- Mayo (C. H. and W. J.), i. 451, 452; ii. 384, 385, 386, 579, 642, 644, 685, 705, 724, 741, 750, 751, 752, 753, 754, 755, 756, 764, 767, 769; iii. 43, 81, 133, 166, 167, 348, 493, 798, 801
 Mayo and Barrett, iii. 391
 McArdle, ii. 599
 McArthur, ii. 88; iii. 117, 819
 McArthur and Andrews, iii. 69
 McBurney, i. 631, 646; ii. 510, 572
 McCrae and Osler, i. 257
 McDill, iii. 109
 McDonald, i. 70, 178
 McDowell, iii. 431
 McGraw, ii. 588, 675, 676
 McGuigan and Blair, i. 447
 McLean, ii. 675, 676
 McMurrich and Sobotta, iii. 249
 Meader and Murray, iii. 65
 Meckel and Bonnet, i. 148
 Medalia, i. 832
 Mellish, i. 467
 Meltzer, i. 267, 268; ii. 446, 447; iii. 721
 Meltzer and Peck, i. 164
 Mencière, i. 70, 271; iii. 812
 Menge, iii. 376
 Ménière, ii. 319
 Mercier, iii. 211
 Metchnikoff, ii. 613
 Meyer, i. 232, 233, 457; ii. 420, 451, 452, 463, 467, 508, 509, 716, 757, 759; iii. 197
 Meyer and Weidig, i. 119
 Michel, i. 187
 Mikulicz, i. 664, 736, 737; ii. 375, 526
 Mikulicz and Heineke, ii. 740
 Milliken, i. 263
 Mitchell, i. 153, 308
 Mixer, ii. 693
 Momburg, i. 363, 365; iii. 460, 687
 Monks, ii. 621
 Montenovesi, ii. 29
 Montgomery, iii. 383
 Morestin, i. 271
 Moriarty, i. 546
 Morison, i. 248; iii. 810, 811
 Morley, iii. 780
 Morton, iii. 311, 490
 Moschcowitz and Wilensky, ii. 767
 Mosestig-Moorhof, i. 705
 Mosher, iii. 396
 Moskowicz, i. 390, 391
 Motais, ii. 142
 Moynihan, ii. 595, 663, 741, 747; iii. 50, 51, 125, 205
 Mueller, i. 699, 702
 Mueller and Lemon, i. 485
 Mules, ii. 159
 Müller, i. 234
 Munro, ii. 344, 532
 Murphy, i. 281, 455, 664, 762, 764; ii. 418, 552, 635, 667, 669, 671, 771, 769; iii. 806
 Murray, iii. 818
 Murray and Meader, iii. 65

 NAPIER, iii. 466
 Nathan, i. 661
 Neff, i. 384

 Nélaton, i. 623, 718; iii. 671, 673, 678
 Newman, iii. 57
 Nichols, i. 695
 Nicoll, ii. 719
 Noel and Souttar, i. 164
 Noesske, iii. 458
 Noguchi, i. 284
 Nydegger, i. 555

 OCHSNER, ii. 436, 551, 548, 554, 616; iii. 88, 89, 90, 91, 102, 115
 O'Dwyer, ii. 219, 237
 Oelsner and Kroner, i. 161
 Ogilvie, i. 295
 Ogston, i. 714, 715
 Oliver, iii. 718
 Ollier, i. 718, 721, 722, 724, 741, 746, 748, 755; iii. 677
 Ormsby, i. 99
 Orth, ii. 479
 Osler and McCrae, i. 257
 Otis, iii. 286, 292, 293
 Ottenberg and Libman, i. 355
 Oudin, iii. 699
 Oulmann and Wollheim, i. 297
 Outerbridge, iii. 438

 PACHON and Korotkow, i. 390
 Pagenstecher, ii. 769
 Paget, ii. 473
 Panas, ii. 152
 Panse, ii. 315
 Paré, i. 339
 Parham, i. 506
 Parkhill, i. 507; ii. 652
 Pasquin, i. 383
 Passavant, i. 823
 Pasteur, i. 255, 273
 Patrick, i. 870
 Payr, i. 378, 838
 Peck and Meltzer, i. 164
 Peet, ii. 561, 562
 Pellegrini, iii. 539
 Penhallow, i. 561
 Percy, ii. 492, 494; iii. 423
 Perez, ii. 188
 Perier, ii. 234
 Peterson, ii. 559; iii. 352
 Pfannenstiel, iii. 408
 Phemister, iii. 645
 Philagrius, i. 383
 Phillips, i. 583
 Phisalix, i. 275
 Pilcher, i. 578; ii. 228, 602, 701
 Pilcher (P. M.), iii. 189, 190, 243, 244, 701, 702, 721
 Pirogoff, iii. 572, 578, 585
 Pleth, ii. 662, 677
 Plummer, ii. 716
 Poirier, ii. 431
 Politzer, ii. 301, 306, 307
 Polya, ii. 756
 Pope, ii. 522
 Porter, i. 266; ii. 390
 Post, i. 119
 Pott, i. 606; ii. 41
 Priestley, i. 120

Pritchett and Bull, iii. 813
 Prout, i. 892
 Purmann, i. 383
 Putti and Lambotte, i. 506

QUÉNU, i. 762
 Quillian, i. 177
 Quincke, ii. 68

RAMSTRÖM, i. 148
 Ransohoff, i. 134; iii. 50
 Ream, i. 100
 Reder, i. 192
 Reed, iii. 169
 Reeves, i. 716
 Reid, ii. 49
 Reverdin, iii. 644
 Rhoads, iii. 110
 Richardson, ii. 519, 543
 Richter, ii. 433
 Riggs, ii. 277
 Ritschl, iii. 490
 Rivallié, i. 74
 Rivers, Sydenstricker and Mason, i. 355
 Rivière, iii. 699
 Robbins and Seabury, iii. 252
 Roberts, iii. 58, 820
 Robertson, iii. 815
 Robinovitch, iii. 720
 Robinson, ii. 407, 410, 411, 412, 421, 449, 450, 451
 Robson, ii. 675, 696, 697
 Robson, Mayo, iii. 120
 Rogers, i. 266; ii. 219, 220
 Rollier, i. 280; iii. 707, 708
 Röntgen, iii. 703
 Rose, i. 269
 Rosengarten, i. 62
 Rosenow, ii. 577
 Rosenstein, ii. 561
 Rosenthal, ii. 615
 Rothschild, i. 795
 Rous and Turner, iii. 815
 Route, ii. 560
 Roux, ii. 464, 465, 771
 Rovsing, ii. 712, 713, 715, 728; iii. 151, 170
 Rugh, iii. 483
 Russ, i. 57
 Russell, iii. 267
 Ruth, i. 583; ii. 489
 Ryall, ii. 685
 Rydygier, i. 647; iii. 50

SALOMONI, ii. 429
 Sampson, ii. 531
 Sangman, ii. 417
 Sansum, ii. 132
 Sauerbruch, i. 267, 353; ii. 451, 463, 464; iii. 537, 538
 Savariaud, iii. 501
 Sayre, i. 552, 555, 748
 Schäfer, i. 98; iii. 717, 729, 730
 Schanz, i. 225, 602
 Schede, i. 452, 704, 716; ii. 411, 461, 463
 Schiassi, i. 58, 239
 Schichhold, i. 628
 Schleich, i. 119, 135, 497

Schmilinsky, iii. 117
 Schoene, ii. 430
 Schultz, ii. 209
 Schwartz, iii. 652
 Schwartzschild, iii. 45
 Sclavo, i. 272
 Scudder, ii. 720
 Seabury and Robbins, iii. 252
 Sébilleau, ii. 235
 Seff and Berkowitz, iii. 442
 Seiffer, ii. 322
 Senn, i. 507, 741; ii. 675, 731, 732; iii. 603
 Shaffer, i. 652
 Sharpe, ii. 99; iii. 728
 Sharpe and Hammond, i. 296
 Shaw, iii. 809
 Shaw and Williams, i. 203
 Sherman, i. 705
 Sicard, ii. 348
 Sick, iii. 68
 Sims, iii. 76, 397, 398, 401
 Sinclair, i. 55
 Sippy, ii. 576
 Skillern, i. 311
 Sluder, ii. 214
 Smith, i. 610; ii. 168, 170, 171, 269
 Smith (Stephen), iii. 588, 589, 592
 Smith and Bigelow, i. 641
 Smithies, ii. 720
 Sobotta and McMurrich, iii. 249
 Sonnenburg, iii. 89
 Soresi, i. 350, 352
 Soule, iii. 480
 Souttar and Noel, i. 164
 Spiller, ii. 107, 109
 Spitzzy, i. 529, 531
 Spronk and Lassar, i. 332
 Stebbing, i. 357
 Steinmann, i. 495
 Stelwagon, i. 847
 Stewart, ii. 552, 768
 Stewart and Ballance, i. 857
 Stillians, i. 844
 Stillman, ii. 719
 Stimson, i. 475, 545, 607, 619, 623, 629, 643, 644
 Stoffel, i. 852; ii. 347
 Stone, ii. 721
 Strassmann, iii. 360
 Straus, ii. 682, 719
 Strauss, ii. 773, 775, 776, 777
 Stempel, ii. 533
 Strickler, i. 840
 Sturmdorf, iii. 367, 368, 369
 Summers, ii. 646
 Swift and Ellis, i. 295
 Sydenstricker, Mason and Rivers, i. 355
 Sylvester, i. 98; iii. 718, 719, 729, 730
 Syme, iii. 572, 578, 585
 Szymanowski, ii. 145; iii. 262, 266, 649

TADDEI, iii. 812
 Tagliacozzi, iii. 652
 Tait, iii. 112
 Talma, ii. 558
 Taylor, i. 592, 675, 892, 895
 Teale, ii. 150

Teschner, ii. 353
 Teter, i. 100, 122
 Tewksbury, ii. 414
 Thiersch, i. 74; iii. 260
 Thomas, i. 585, 589, 668, 669, 673, 675, 678, 748, 749; ii. 323, 335; iii. 180, 277, 477
 Thompson, iii. 291, 293, 721
 Thormer, ii. 237
 Torek, ii. 402, 418; iii. 35, 37
 Torres, i. 266
 Toth, iii. 69
 Tousey, iii. 704, 706
 Trendelenburg, i. 449, 452, 457; ii. 430, 499; iii. 45, 68, 80, 604
 Trombetta, i. 880
 Tuffier and Hallion, i. 390
 Tunnicliffe, i. 357
 Türck, ii. 636, 638, 639
 Turner and Rous, iii. 815
 Tzaiçon, i. 224

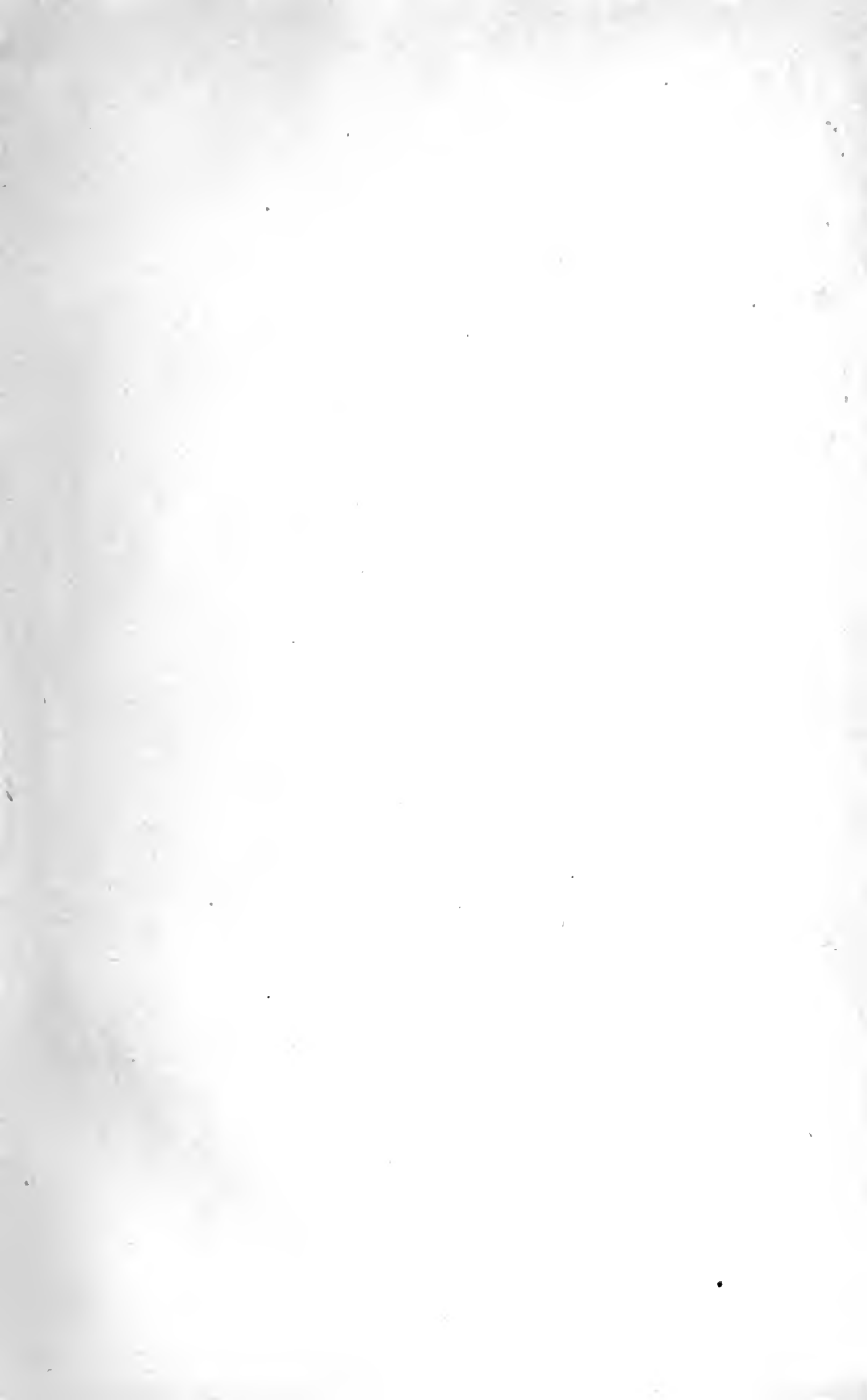
ULLMANN, ii. 658
 Unger, i. 354
 Unna, i. 310, 311; iii. 495

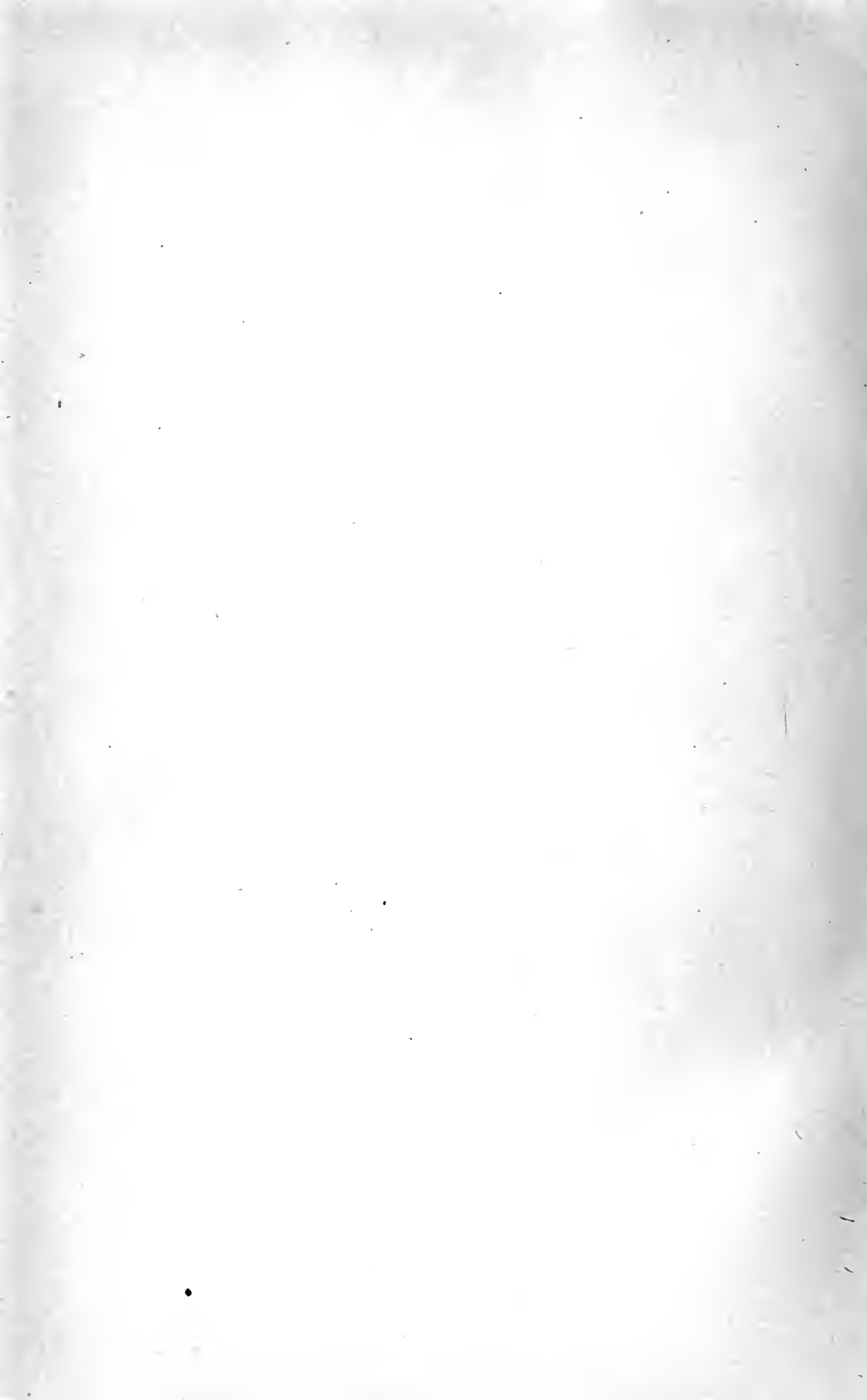
VAN COTT, i. 256
 Vance, i. 467
 Vanghetti, iii. 527, 528, 529, 534
 Variot, i. 849
 Velpeau, i. 718, 721, 722; iii. 754, 755
 Verhoeff, ii. 127, 152
 Verning, ii. 391
 Vidal, ii. 561
 Vincent, i. 354; iii. 817
 Voegtlin and Bernheim, i. 458
 Vogel, ii. 522
 Volcker, iii. 146
 Volkmann, i. 491, 604, 605, 714
 von Bergmann, ii. 108, 439
 von Bramann, ii. 96
 von Frisch, i. 390
 von Hacker, ii. 436
 von Langenbeck, i. 711, 719, 721, 722, 723, 724, 741, 748
 von Leube, ii. 721
 von Mikulicz, ii. 243
 von Mosetiz-Moorhof, i. 705
 von Mutschenbacher, ii. 370
 Vosburg, iii. 640

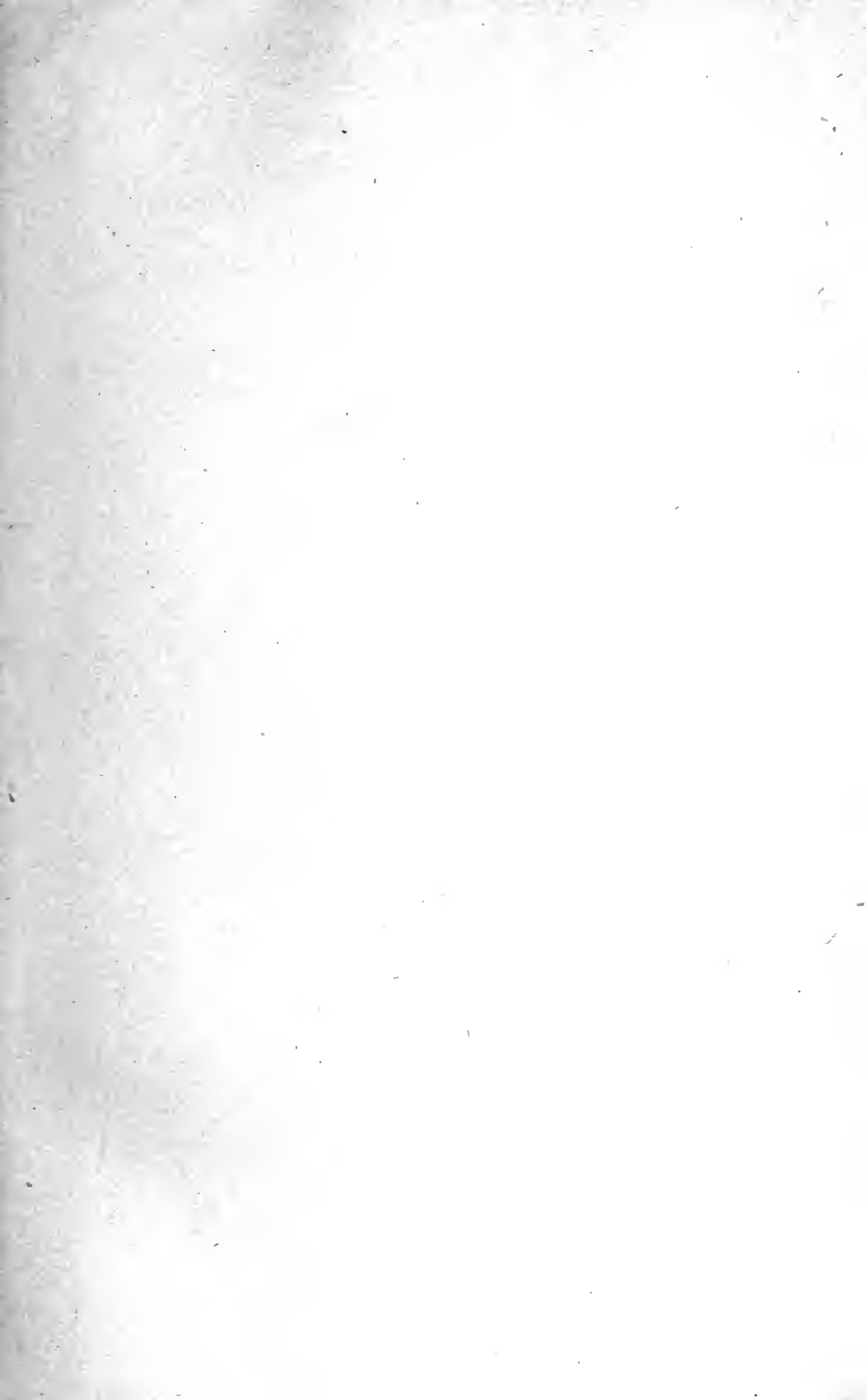
WALBAUM, iii. 379
 Walker, ii. 660
 Wallace, iii. 360, 366, 437
 Wallstein, ii. 464
 Walton, iii. 135
 Warbasse, i. 469, 523, 526, 527, 537, 566, 599, 605, 695; ii. 546
 Wardrop, i. 383
 Warfield, i. 296
 Wassermann, i. 283, 284, 294, 297, 299
 Watson, i. 347; ii. 390
 Weber, i. 718
 Weidig and Meyer, i. 119
 Weil, i. 459
 Weir, ii. 572, 573, 671, 693
 Weir and Bircher, ii. 714
 Weir and Foote, ii. 706, 710
 Weiss, iii. 806
 Werner, iii. 65
 Westbrook, ii. 702
 White, i. 748, 796; iii. 345
 Whitehead, iii. 72, 76
 Whitman, i. 587; iii. 484
 Whitney, iii. 316
 Wicks, i. 204
 Wiener, ii. 153
 Wieting, i. 377, 455
 Wilder, ii. 132
 Wilensky and Moschowitz, ii. 767
 Williams, iii. 809
 Williams and Shaw, i. 203
 Witzel, ii. 697, 736, 758; iii. 80, 135
 Woelfler, i. 73; iii. 37
 Wolf, i. 617
 Wolff, ii. 405
 Wollheim and Oulmann, i. 297
 Woodatt, ii. 132
 Woolsey, i. 122
 Wright, i. 58, 241, 258, 355
 Wyeth, iii. 564, 602, 603

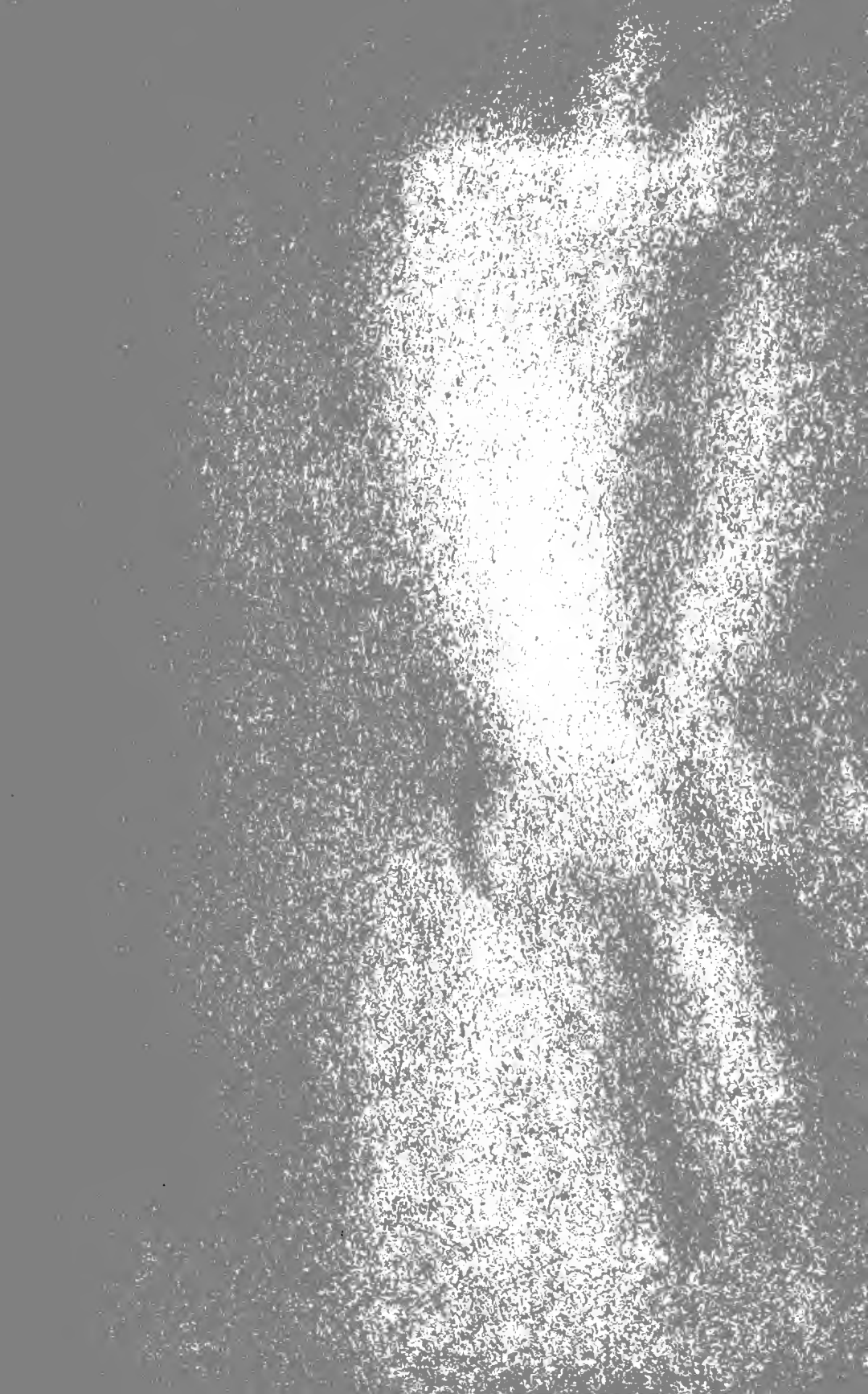
YATES and Bunting, i. 465
 Young, iii. 144, 232, 236, 237, 245, 394

ZAAIJER, ii. 758
 Zanfel, ii. 71
 Zechmeister, i. 269
 Zesas, ii. 429
 Ziegler, ii. 156
 Ziehl, i. 829
 Zuppinger, i. 494









Date Due





A 000 510 524 2

WO 100
W253s
1919
Index

Warbasse, James P
Surgical treatment ...

DATE

WO 100
W253s
1919
Index

Warbasse, James P
Surgical treatment ...

**MEDICAL SCIENCES LIBRARY
UNIVERSITY OF CALIFORNIA, IRVINE
IRVINE, CALIFORNIA 92664**

