

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

January, 1937

No. 94

HOSPITAL ADMITS 11,503 PATIENTS IN YEAR OF 1936

Definite Procedures Apply to All But Emergency Admissions

During 1936, patients admitted to the Presbyterian Hospital numbered 11,503. This was an increase of 582 over 1935 admissions. Of these 11,503 patients, 5,554 were able to pay only a part of cost of the care received while 2,437 were admitted as free patients. Of those admitted for free care in our hospital beds, 880 were children under 14 years.

Many persons seeking admission to the hospital are not aware that, with the exception of emergency patients requiring immediate attention, certain definite procedures must be gone through prior to admission. These procedures vary according to the classification to which the prospective patient belongs.

Private patients of doctors on our medical staff are admitted as private hospital patients and are expected to pay the regular hospital fees for the kind of room or ward bed that they are to occupy. Reservations usually are made in advance of arrival by either the doctor, the patient or a member of the patients' family. General nursing care is covered by the room or ward fee, but patients pay specified amounts for special nurses. Extra charges are made, also, for X-ray and laboratory diagnosis, unusual medicines, use of operating rooms, and special treatments in the X-ray, fever, vascular and physical therapy departments. None of the hospital charges cover payment for care received by private patients from attending physicians or surgeons, nor the fees charged by anesthetists. Private patients unable to meet the weekly advance payments required for general care and current extra charges are referred to the Special Service department.

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SCENE IN EXAMINING ROOM CORRIDOR

Non-hospital patients paid a total of 31,879 visits to our first floor examining rooms in 1936, an increase of 3,019 over 1935. In the picture, Miss Violet Getty, charge nurse, is shown seated at the desk. At the right, Dr. Sidney H. Heersma, resident pediatrician, is standing by a mother who has just brought her baby in for an examination. Miss Nettie Hawkinson of the examining room nursing staff is using the telephone. Dr. E. R. W. Fox, resident surgeon, and Dr. Paul S. Woodall, resident obstetrician, are standing next to her. Miss Florence McConnell, nurse, is shown at the left, having just come from the supply room with an emergency basket. An intern is shown seated with a patient, back of Miss McConnell. A detailed account of the work of this department appears on page 3.

OUR FIRST 1937 BABY

It was exactly 11 minutes after midnight when the first 1937 baby born in our hospital arrived. His mother is Mrs. Rose Wilhelm of 7209 Washington Boulevard, Forest Park. His father was killed in an automobile accident a month previous. There are two other children in the family.

MORE BABIES; FEWER TWINS

Babies born in our hospital in 1936 numbered 850, an increase of 63 over the number born here in 1935. Nine mothers gave birth to twins last year, while the 1935 record was 10 pairs of twins.

STAFF RESOLUTIONS

Resolutions in memory of Dr. Hugh Polkey and Dr. William Buhrman were adopted by our hospital medical staff at its regular meeting on Dec. 18. Dr. Polkey, who died in November was an assistant surgeon on our urological staff. Dr. Buhrman was an assistant pediatrician. His death occurred during the summer.

HIS 37th CHRISTMAS HERE

Mr. Asa S. Bacon, superintendent of our hospital, never goes away on Christmas day. Consequently, on Dec. 25, 1936, he spent his 37th successive Christmas day here.

WOMAN'S BOARD REPORTS INCREASED ACTIVITY

Annual Meeting Reveals How Women Help Hospital in Many Ways

Reports presented at the 53rd annual meeting of the Presbyterian Hospital Woman's Board held in the hospital chapel, Monday, Jan. 4, revealed increases in funds raised for various purposes and much other activity in the interest of our hospital during 1936. Mr. Alfred Carton, president of the Board of Managers of the hospital, presided. Mrs. John P. Mentzer presented the summarized reports of the board's 20 standing committees. Dr. George W. Duvall, superintendent of Central Free Dispensary, told of the work of that institution and its relationship to our hospital. Mrs. David W. Graham, only surviving charter member of the Ladies Aid Society organized to aid the hospital, 53 years ago this spring, continues as honorary president. Mrs. Clyde E. Shorey was re-elected president for a second term. Other officers were re-elected as follows:

Vice Presidents—Mrs. Ernest E. Irons, Mrs. Lincoln M. Coy, Mrs. Charles S. Reed and Mrs. William R. Tucker.

Recording Secretary—Mrs. Lawrence Dunlap Smith.

Assistant Recording Secretary—Mrs. Earle B. Fowler.

Corresponding Secretary—Miss Lucibel Dunham.

Treasurer—Mrs. Edward L. Beatie.

Asst. Treasurer—Mrs. Gordon B. Wheeler.

Advisory Council—Mrs. Perkins B. Bass, Mrs. C. Frederick Childs, Mrs. Albert B. Dick, Mrs. Henry C. Hackney, Mrs. Frederick T. Haskell, Mrs. Alva A. Knight, Mrs. L. Hamilton McCormick, Mrs. J. P. Mentzer and Mrs. George R. Nichols.

Executive Committee

Four new members elected to the executive committee for the term expiring Dec. 31, 1939, are: Mrs. Philip F. W. Peck, Mrs. Edward H. Smith, Mrs. Edwin Stansbury and Mrs. George L. Swift. Those re-elected for the same term are Mrs. Kingman Douglass and Mrs. William B. Neal. Holdover members are:

Term Expiring, December 31, 1937—Mrs. Frank R. Elliott, Mrs. L. C. Gatewood, Mrs. Wilber E. Post, Mrs. J. Hall Taylor, Mrs. Robert E. Ross and Mrs. Frank M. Smith.

Term Expiring December, 1938—Mrs. Peter Bassoe, Mrs. H. H. Kittleman, Mrs. B. M. Linnell, Mrs. W. J. Parker, Miss Sarah B. Simpson and Mrs. R. Douglass Stuart.

The active membership of our Woman's Board is made up of delegates from churches of the Chicago Presbytery, general members and wives of physicians on the hospital staff. Dues are \$2.50 per year, and many board members make additional contributions to the general fund or for specified objects. Associate membership is composed of church women who pay annual dues of \$1. During 1936, the associate membership committee, Miss Lucibel Dunham, chairman, enrolled 924 members from 19 churches.

SOCIAL SERVICE STAFF DOES INTENSIVE WORK FOR 1,301 PATIENTS

Many of the adults and all children admitted to our hospital as free patients are known to our Social Service department, which contacted 1,890 patients last year and did intensive work for the benefit of 1,301 patients. Investigative and follow-up work required a total of 1,187 home calls, while office interviews numbered 10,228.

Our hospital Social Service department works in close cooperation with the Social Service department of Central Free Dispensary, and other agencies and institutions through which patients are referred to our hospital or which may be of service to patients. One of the principal objects of our Social Service department is to aid patients in various ways and help them work out their problems so that the greatest possible benefit will result from the hospital care received. Steps are taken to improve unsatisfactory home conditions, see that suitable food and clothing are provided for the patient following his return home and bring about needed social adjustments. In many instances the entire family is embraced in the program of social treatment with gratifying results. Often the cooperation of other agencies and institutions is enlisted.

During 1936, articles of wearing apparel numbering 1,928 were donated to this department for distribution in carrying out its program of helpfulness to the less fortunate. This included new and used clothing and accessories given by churches and individuals, the Woman's Board, Chicago Needlework Guild and Baby's Valet service.

Supported by Woman's Board

Miss Karla Jorgenson is in charge of the department. Mrs. Katharine McCammon devotes all of her time to work for children, while Miss Cecilia Mahoney gives her time to the pre-natal clinic and other work for maternity and gynecological patients. A fourth worker was employed most of last year to assist Miss Jorgenson in being of service to other adult patients. Beginning Jan. 15, this year, Mrs. Helen B. Rutledge joined the Social Service staff and will work with adult patients. These four workers have had special training and experience in medical social service work. Salaries of workers and most of the other expenses of the department are paid by the Woman's Board which was instrumental in establishing the work in 1909, ours being the first hospital in Chicago to organize

MANY PATIENTS SERVED BY HOSPITAL LIBRARY AT NO COST TO THEM

Our hospital library, which is supported entirely by the Woman's Board, has a splendid record of service to patients for the year just closed. More than 300 patients were library borrowers each month, involving between 30 and 60 visits per day by the librarian, Miss Selma Lindem. The total number of books and magazines circulated to patients was 17,064. Of this number 8,865 were borrowed by private room patients, and 8,199 by ward patients. Staff and employees borrowed 3,893 books and magazines bringing the total circulation for the year to 21,977.

Books given to the library numbered 432, while 76 books were purchased. Through the sale of books which the library could not use for one reason or another, \$273 was realized and was expended for new books, bookcase, re-binding of books and for library supplies. Four volunteer workers assisted the librarian during the year. A former patient provides regular subscriptions to 34 magazines, and books in the library number 5,500. There is no charge for library service and the librarian makes a special effort to supply to patients the type of books that each finds most interesting. Our library is a deposit station for the Chicago Public Library, thus enabling us to obtain books therefrom to supplement our own collection.

Mrs. Wilber E. Post is chairman of the Woman's Board library committee and Mrs. Carey Culbertson is vice-chairman. Other members are: Mrs. Leonard A. Barrett, Mrs. Peter Bassoe, Mrs. Robert H. Herbst, Mrs. Alvin R. Hickman, Mrs. George W. Hust, Mrs. Kenneth C. King, Mrs. William B. Neal, Mrs. Philip F. W. Peck, Mrs. William H. Riker, Mrs. Charles H. Slocum, Mrs. J. W. G. Ward, and Mrs. W. D. Williams.

a Social Service Department. Miss Alyce Pierce is stenographer and clerical assistant in the department.

Mrs. Mark Oliver is chairman of the Social Service committee of the Woman's Board and Mrs. Frederick R. Baird is vice-chairman. Other members are: Mrs. Perkins B. Bass, Mrs. James Boyd, Mrs. C. Frederick Childs, Mrs. Carey Culbertson, Mrs. Kingman Douglass, Mrs. David W. Graham, Mrs. Ernest E. Irons, Mrs. George A. McDonald and Mrs. Wilber E. Post.

NON-HOSPITAL PATIENTS PAY 31,879 VISITS TO OUR EXAMINING ROOMS

Examining rooms on the first floor of our hospital serve a variety of purposes. Of the 31,879 visits of patients taken care of in this department in 1936, 17,184 were visits of non-hospital patients of members of the medical staff, while pre-natal clinic patients made a total of 5,555 visits. Accident and other emergency patients are first referred to this department, which is equipped to render emergency first aid and for minor surgery. Patients referred to the medical staff by the Special Service department are examined here as are also hospital employees in need of medical care.

All children admitted as hospital patients, whether private, house, special service or free patients, must first be examined here by a staff pediatrician as a safeguard against spreading infection or contagion. Private patients are those who have their own doctor, while house patients are those who have no doctor and ask the hospital to assign them to one. Although most of the adult patients referred by Central Free Dispensary for hospital care are admitted directly, it is found desirable in many instances to have such patients go through our examining rooms just prior to their admission. Many patients who receive hospital care as either private or house patients, pay return visits to our examining rooms, following their discharge from the hospital, for follow-up examinations, surgical dressings or medical treatment.

Diagnostic Equipment

To facilitate diagnostic work of minor scope, the department has a small laboratory, microscope and other useful equipment. It also serves as a central supply room for special equipment and supplies not ordinarily kept on the different floors of the hospital. This equipment includes a cart containing supplies for making splints and plaster casts. An autoclave steam sterilizer for sterilizing instruments, dressings and other supplies used in the five examining rooms also is near at hand.

When more complete diagnosis is needed, patients are referred to the larger diagnostic facilities of our hospital, including our completely equipped laboratories, X-ray, metabolism and electrocardiograph departments. Non-hospital patients also are referred by the examining room for treatments in our X-ray, fever therapy, vascular therapy and physiotherapy departments. Members of our medical staff are finding it increasingly desirable to utilize for their non-hospital patients these facilities. Hence, our examining rooms fill an important role in

PRE-NATAL CLINIC STAFF



An important phase of activities in our examining rooms is the pre-natal clinic conducted with the cooperation of Rush Medical College. A total of 5,555 visits of patients were taken care of in 1936. Miss Cecilia Mahoney, left, is the pre-natal nurse in the Social Service department. Miss Jessa Mooney, center, is the nurse in charge of the clinic examining room. Dr. Paul Woodall, right, is our resident obstetrician and gynecologist.

OUR CHRISTMAS BABIES

Three babies were born in our hospital maternity department on Christmas day. Mrs. Joseph Goldman of Batavia gave birth to a daughter at 3:08 A.M. A son was born to Mrs. Philip Brownstein of 4515½ Central Park Ave. at 4:45 P.M. Our third Christmas baby arrived at 10:10 P.M. his parents being Dr. and Mrs. Edward Vacheresse, 1850 West Jackson Boulevard.

this connection. To the convenience of diagnostic and treatment facilities are added opportunities for consultation with other staff men who are near at hand.

Four graduate nurses manage the visits of patients, registering them and keeping the necessary records in a ready-reference card index. A student nurse assists in the pre-natal clinic. Miss Violet Getty recently became charge nurse in this department, succeeding Miss Florence Cooper who resigned to take an industrial nurse position with the International Harvester Company.

ADMISSION PROCEDURES

(Continued from page 1)

House service patients include those who come to the hospital seeking medical attention and who are assigned to a member of the medical staff; and those registered for pre-natal and maternity care through our pre-natal clinic conducted in cooperation with Rush Medical College. Pre-natal clinic registrants pay a stated fee for routine pre-natal and hospital care but this fee does not include doctor's care at time of delivery.

Special Service Department

Our Special Service department in charge of Miss Ruth Smith handles all matters involving the inability of patients to pay in full for the care received. The Presbyterian Hospital is enabled, through endowment and gifts of generous friends to care for a large number of free and part-pay patients in the course of a year, but in order that this service may benefit those in greatest need, applicants unable to pay the established fees are asked to go through certain procedures before being admitted unless their condition is such as to demand immediate emergency treatment.

Unless an emergency or other special circumstances exist, applicants for free care are referred to Central Free Dispensary, where clinics afford complete examination by members of the faculty of Rush Medical College and a Social Service Department investigates the circumstances of the applicant. In due time when one of our free beds is available, such a patient, if found to be in need of hospital care and actually unable to pay for it, is admitted. The Presbyterian Hospital also admits through Central Free Dispensary and other established agencies patients qualifying for care in beds supported in part by the Community fund and the Emergency Relief organization. Churches also refer patients for free care, which is provided as beds are available. Emergency cases are admitted without delay regardless of whether they have money or not.

A few churches have endowed beds. Other beds are endowed to care for specified types of patients and still others are supported as clinic beds for patients selected by the medical staff for teaching purposes. While all patients who do not pay in full for their hospital care are designated variously as community fund, relief, dispensary, clinic or special service patients, all are known to the Special Service department which serves as the connecting link between the hospital and affiliated or cooperating agencies. Members of our medical staff generously give their services to all of these patients. Patients, unable to pay, receive the same care as those who pay. In fact, it is not known on a floor who pays or who does not pay.

CHRISTMAS ACTIVITIES SPREAD CHEER AMONG PATIENTS AND OTHERS

Through the generosity of many friends and the cooperation of hospital personnel, activities within and radiating from our hospital made the Christmas season happier for a large number of patients and other persons.

Well filled stockings on each little bed, gaily decorated Christmas trees in each ward and an intriguing toy Santa Claus brought smiles to the faces of child patients and filled little hearts with joy. Special Christmas dinners were served to all hospital patients, resident doctors, interns, nurses and hospital employees who were kept on duty. On Christmas eve our chef provided for each patient's tray a jolly gingerbread Santa Claus, while Christmas dinner trays bore attractive favors arranged by the dietician. Ward patients known to the Social Service department received appropriate gifts. The Social Service department also provided trees for some of the wards and gave special attention to making Christmas happy for a number of teen-age patients. Student nurses sang Christmas carols in the hospital corridors early Christmas morning. First floor Christmas decorations were arranged by the Occupational Therapy department, which also provided Christmas candles for nurses' desks in the different corridors and all other desks and departments throughout the hospital. Candleholders were made in the carpenter shop and by patients in the Occupational Therapy department.

150 at Christmas Party

Children numbering 150 entertained at the annual Christmas party at Sprague Home on Wednesday evening, Dec. 23 included children of employees and those invited by the Social Service department. Expenses of the party were met through contributions from the Alumnae and members of the Woman's Board. Toys and games were donated by the Francis Parker school.

Fifteen Christmas baskets were distributed by the Chicago Rotary club to families whose names were supplied by our Social Service department. Twelve baskets provided by hospital employees were distributed to needy families. In addition to Christmas dinner supplies, families having children received candy and toys. These children and others who received toys through our Social Service department numbered 119. A total of 518 toys was distributed, 404 of which were contributed by the Francis Parker school. Others were donated by Crerar Sunday school, board members and employees. Seventeen children and older boys and girls received gifts of new clothing.

MOST PATIENTS ADMITTED VIA ROOM CLERK'S OFFICE

With the exception of emergency or other patients admitted between 10:00 P.M. and 7:00 A.M., all patients enter our hospital via the room clerk's office. Reservations previously made are on file in this office and with information supplied by the patient, admission forms are filled in and a bell boy is called to escort the patient to his or her room or ward.

David Quirk has been a room clerk here for 19 years, during which time he has admitted thousands of patients representing every walk and condition of life running the gamut from the penniless to the multi-millionaire. In this capacity he has met face to face more hospital patients than any other member of our personnel. Miss Stephanie Cole has been a room clerk for ten years. Mrs. Pauline Campbell has been in this office for three years. All three clerks held other positions in our hospital prior to becoming room clerks. Shifts are arranged so that one or two clerks are on duty constantly from 7:00 A.M. to 10:00 P.M.

WHEN THE NIGHT BELL RINGS

Accident victims, persons who have suddenly become seriously ill and maternity patients comprise the bulk of the patients admitted between 10:00 P.M. and 7:00 A.M. Our night watchman, Charles Lake, answers the night bell and the night superintendent, Miss Mary E. Probert, takes the patient in charge calling doctors and nurses, making room assignment and attending to other details of admission. If surgery is needed, the surgeon called has at command an operating room with a complete set-up of sterile and aseptically packed instruments and other materials from which the night surgical nurse can assemble what is needed by the time the patient is prepared and the surgeon is ready to proceed.

ABOUT OUR STAFF MEN

Dr. Harry A. Oberhlemann gave an address on "Cancer" at the Mid City Workers Center, Jan. 9.

Chicago Surgical Society, Jan. 8—Dr. Hillier L. Baker read a paper on "Lipodal Visualization of Bile Tracts and Lesions with Jaundice." The discussion was by Dr. Charles M. Bacon.

Dr. Thomas D. Allen, chairman of the Legislative and Economics Relations committee of the Chicago Ophthalmological Society was one of the speakers at a special open meeting of the society on Jan. 11, at which time the subject was, "Educational School and Industrial Phases of Ophthalmology."

Dr. Elias Selinger addressed the same society on Dec. 21, his topic being "An Injection Into the Anterior Chamber After Cataract Extraction."

HOUSE STAFF CHANGES

The following house doctors completed their services in our hospital at the end of the year:

Residents:

Dr. Charles McMillan
Dr. Sol. Rome

Interns:

Dr. Joseph R. Bennett
Dr. Franklin K. Gowdy
Dr. John T. Hauch
Dr. Harry O. Veach
Dr. M. J. Holdsworth

Those appointed to fill the vacancies and who began their services on January 1, are:

Residents:

Dr. Clarence Darnell
Dr. Otto L. Siwert

Interns:

Dr. Philip M. Howard
Dr. Nathan C. Plimpton, Jr.
Dr. Ray F. Cochran
Dr. Michael K. O'Heeron
Dr. Roland L. Kesler

54th ANNUAL MEETING

The 54th annual meeting of the Presbyterian Hospital Society will be held in the hospital chapel, Wednesday, Jan. 20. The business session will follow luncheon which will be served at 12:15 P.M.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

1753 W. CONGRESS STREET CHICAGO, ILLINOIS
Telephone: Seeley 7171

OFFICERS and MANAGERS

ALFRED T. CARTON	..... President
HORACE W. ARMSTRONG	..... Vice-President
CHARLES B. GOODSPEED	..... Vice-President
SOLOMON A. SMITH	..... Treasurer
KINGMAN DOUGLASS	..... Secretary
FRED S. BOUTH	..... Asst. Secretary
A. J. WILSON	..... Asst. Secretary

Arthur G. Cable	John McKinlay
Albert B. Dick, Jr.	Fred A. Poor
John B. Drake	Rev. John Timothy
James B. Forgan, Jr.	Stone, D.D.
Albert D. Farwell	R. Douglas Stuart
Alfred E. Hamill	Robert Stevenson
Charles H. Hamill	J. Hall Taylor
Edw. D. McDougal, Jr.	John P. Welling
	Edward F. Wilson

CLERICAL MANAGERS

Rev. Harrison Ray Anderson, D.D.
Rev. Harold L. Bowman, D.D.
Rev. Henry S. Brown, D.D.
Rev. W. Clyde Howard, D.D.

MEDICAL BOARD

VERNON C. DAVID, M.D. President

WOMAN'S BOARD

MRS. CLYDE E. SHOREY President

ADMINISTRATION

ASA S. BACON	..... Superintendent
HERMAN HENSEL	..... Asst. Superintendent
M. HELENA McMILLAN	..... Director, School of Nursing

THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

February, 1937

No. 95

ELECTROCARDIOGRAPH AIDS DIAGNOSIS OF HEART ACTION

Makes Photographic Records

Doctors are coming more and more to use the electrocardiograph as an aid in diagnosis of heart conditions. In our hospital more than twice as many electrocardiograms were taken in 1936 as in 1933.

The cardiograph in its present form dates back to 1903 when Einthoven invented and perfected what was known as a "string galvanometer". Twenty years ago, Dr. James B. Herrick was instrumental in having the Presbyterian Hospital install a cardiograph, the first of its kind in Chicago. At present our hospital has a modern electrocardiograph.

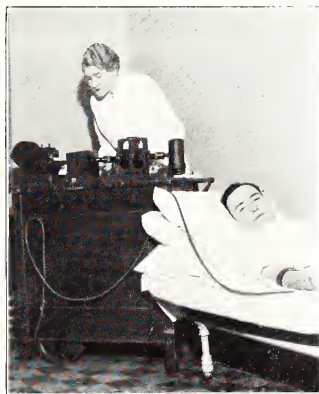
How Records Are Made

What is an electrocardiograph? It is an instrument of precision which graphically records the action currents of the heart. The patient is connected to the instrument by means of electrodes placed on different parts of the body. This very weak current produced by the heart action passes through the body into the electrodes and registers a continuous up and down movement of the galvanometer string. This current is amplified and the string magnified and focussed by a system of lenses, resulting in a moving shadow sufficiently large to be photographed on a strip of bromide paper much in the same manner as a moving picture is taken.

The photographic recordings or electrocardiograms are developed in a dark room and later mounted on a card made for this purpose. These tracings are read and the findings recorded by Dr. Charles M. Bacon who is in charge of this department. The report is sent to the patient's attending physician.

The taking of electrocardiograms requires training and experience. Mrs. Marie C. Barker, our technician, has held this position for 14 years.

HEART BEATS



Mrs. Marie C. Barker, technician, is shown operating the electrocardiograph, which makes photographic tracings of the heart action. Bands, fastened around each arm and the left leg of the patient hold in position small electrodes to which are attached wires which carry the impulse of the heart beats to the electrocardiograph. For one cardiogram the patient sits in a chair with one electrode at the base of the shoulder blade and one on the chest over the heart.

WHYS AND WHEREFORES

Articles in this issue of our *Bulletin* describe some of the ways in which our laboratories and other diagnostic facilities are utilized by our medical staff for the benefit of their patients, both hospital and non-hospital. Our X-ray department was described in a previous issue. The interesting diagnostic and research work done in Dr. Rollin T. Woodyatt's laboratory will be described in a future issue.

HOSPITAL CARE BRINGS BENEFITS TO KLEMAN FUND PATIENTS

Results Prove Gratifying

Through a grant from the Minnie Frances Kleman Fund, the Presbyterian Hospital in cooperation with Central Free Dispensary has been enabled to provide free hospitalization for a considerable number of sufferers from epilepsy whom it is believed will be benefited by scientific observation, medical treatment or surgery. The results of this work to date are quite gratifying not only from the standpoint of the benefits derived by the individual patients but also because of opportunities afforded for the study of epilepsy in its various forms and the development of more effective therapeutic measures which will eventually benefit other sufferers.

300 Attend Clinics

To nearly 300 seizure sufferers each year, Central Free Dispensary gives intensive medical supervision through special epilepsy clinics organized in the department of neurology and psychology and made possible by assistance from the Kleman Fund for the help of poor persons suffering from epilepsy. All of these men, women and children have distressing recurring attacks of convulsions or unconsciousness. Frequently they have severe physical suffering. In addition, their emotional and mental condition often becomes shattered and unstable. In many instances they are extremely unhappy. Their whole outlook becomes warped and their general living greatly disorganized.

Many Patients Relieved

Much can be done to help these patients. Carefully adjusted phenobarbital medication is usually highly serviceable. Often this is supplemented by other drug therapy. A diet high in fat has been found to have protective value. The

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HOSPITAL SOCIETY HOLDS 54th ANNUAL MEETING

Mr. John McKinlay Elected President of Board of Managers

Reports presented at the 54th annual meeting of our Hospital Society, held in the hospital chapel on January 20, showed that the total cost of free care given during 1936 was \$183,299.50. This included care given to 5,554 patients who paid only a part of the cost of care received, and 2,437 persons admitted as free patients. Of 11,503 patients cared for, only 3,412 paid in full for the care received. The total number of days' treatment given to all patients was 111,838.

Lists Endowment Gifts

In his report, Mr. Alfred Carton, president of the board of managers, stated that gifts to the hospital endowment and for special funds in 1936 totalled \$58,398.85. These included \$22,500 from Mrs. Thomas W. Swan and Mr. Albert B. Dick, Jr. to complete the \$50,000 general endowment in memory of Mr. Albert B. Dick, Sr.; \$10,000 from the estate of Mr. William A. Douglass; \$9,931.35 transferred from the Miss Annie M. Brown annuity, following her death; \$9,000 for the John Wentworth memorial room, by Roxana Atwater Wentworth; \$5,000 for fever therapy in memory of Dr. Donald B. Abbott, by Mrs. Abbott; \$3,750 from the estate of Caroline Reynolds; \$2,458.31 from the Minnie Frances Klemman fund for epileptics; \$1,787 from the Illinois Training School Alumnae and \$300 from the estate of Evelyn Wood for the Helen Marquis memorial room; \$218.20 from J. Hazlett and \$842.20 from the Presbyterian School of Nursing Alumnae for the Mary Byrne room, and \$1,367.22 from the Woman's Board for the child's free bed fund.

Tell of Rush Plans

Dr. Emmet B. Bay, the new full time dean of Rush Medical College who began his duties last summer, was introduced and spoke briefly, saying that he had been impressed with the essential unity between the Presbyterian Hospital, Rush College and Central Free Dispensary. Dr. E. E. Irons, of our medical staff and former dean of Rush, told of the negotiations which had brought about the decision of the University of Chicago to continue medical teaching on the West Side with the relationship between our hospital and Rush Medical College on the same basis as provided for in the original contract, 54 years ago.

ENDOWED NURSES CARE FOR 1,206 PATIENTS

Four endowed nurses and two nurses maintained by special funds gave a total of 1,540 days care to 1,206 different patients in our hospital during 1936. All of these were ward patients who required special nursing care and who were unable to pay for it. *A donation of \$35,000 endows a graduate nurse in perpetuity, while a donation of \$1,500 maintains a graduate nurse for one year. Donations in any amount may be made toward the Gladys Foster nurse endowment or toward the support of a maintained nurse.*

12,542 OPERATIONS

With a total of 12,542 operations in our hospital in 1936, the daily average, excluding Sundays, was 41 plus. Only emergency operating is done on Sundays. Of the total, 10,812 were minor operations, while 1,730 were major operations. The number of graduate and student nurses on duty in operating rooms averaged 22.

NURSING STAFF ITEMS

Miss Helen Johns has resigned as head nurse on the third lower floor and began work in January as an industrial nurse with the R. R. Donnelly Company.

The Alumnae Association has engaged Mrs. Gertrude Leiber to conduct a course in parliamentary law for senior student nurses and graduates who wish to attend. The course began Monday, Feb. 1, and will continue for ten successive Mondays from 4:00 to 5:00 P.M.

Miss Alice Spellman, 1928, recently resigned her position at the Children's Memorial Hospital of Chicago to accept a responsible position at Albany Hospital, Albany, N. Y.

Charles B. Goodspeed, Fred A. Poor, Theodore A. Shaw, John P. Welling and Kingman Douglass, class of 1936 managers, were re-elected for another four year term. Following the meeting of the Hospital Society, the managers met to elect officers and name committees. Mr. Alfred T. Carton who had served as president for seven years asked to be relieved and Mr. John McKinlay was elected to that office. Mr. Carton continues as a member of the board of managers. Other officers were re-elected as listed on page 4. On motion of Mr. R. Douglas Stuart, a committee was named to draw up resolutions of appreciation for the competent leadership and devoted service given by Mr. Carton during his seven years as president of the board.

KLEMAN FUND PATIENTS

(Continued from Page 1, Col. 3)

dietitians' services are called upon quite regularly and a systematic educational program is undertaken in this respect. The Social Service department assists patients in working out their home and economic problems and in planning a well-balanced program of activity and rest, occupation and recreation. Often the cooperation of other agencies is enlisted to these ends.

From among Dispensary and other patients, those who are most likely to be benefited by hospitalization are selected for admission to the Presbyterian Hospital as Klemman Fund patients. Members of our medical and surgical staff give their services generously to these patients, while hospital laboratory, X-ray and other facilities are used extensively in diagnosis and treatment.

Surgery Often Helps

Surgery often proves beneficial, particularly to patients whose epilepsy is the result of injuries. During the past year our department of neurosurgery has operated on seven such patients. One of these was a young man of ability, recently married, who a few months previously had been struck on the forehead by a golf ball while working on the links.

Three months after this accident occurred, he began to have frequent convulsive seizures and his condition was truly lamentable. It was found that a small blood clot, situated in a localizable and important area of his brain was the cause of his trouble. An operation was done in September and two weeks later he returned to his home. This young man reported to the surgeon a few days ago and so far has been completely freed from the seizures. Another young man who had an operation for an injury of the brain, is greatly improved and is able to assist in his father's shop though he had had seizures since early childhood and his condition had reached a serious stage under other treatment.

Many Await Hospitalization

Many patients are being helped without hospitalization, but many others await the opportunity for either medical or surgical treatment which can be given only under hospitalization, limited by the funds available for this purpose. There are no greater opportunities for the generosity of the more fortunate than to provide help for these patients, to replace despair by hope, and to lessen the physical handicaps which make these sufferers a burden to themselves and in many instances a burden upon the community.

LABORATORY IS KEY THAT UNLOCKS MANY DOORS IN DIAGNOSIS

The hospital laboratory is the key which unlocks many of the doors leading to the correct diagnosis of disease. In our hospital, the laboratory in charge of Dr. Carl W. Apffelbach, makes a great variety of examinations and tests. Here an average of 250 urine specimens are examined each day, while examinations of stools average 200 and blood counts average 100 daily. Examinations of material removed from the stomach by means of a stomach pump average 30 per day. Wasserman tests on blood and spinal fluid number around 60 each week.

Bacteriological examinations of material that is removed at operations, of various excretions of the body, and of the blood constitutes another important branch of laboratory work. Microscopic examinations of diseased tissue reveal whether a tumorous growth is malignant or benign. This guides the doctor in prescribing treatment and operative procedure, often setting at rest needless fears on the part of patients.

Chemical Tests Increase

Chemical examinations have increased greatly in number with the advance of medical science. In 1925 the total number of such examinations in our hospital laboratory was 7,452, while ten years later the record was 10,605. Examinations in 1936 numbered 10,693.

Serological tests are done on the blood to determine the presence of infectious diseases other than syphilis, such as typhoid fever, Malta fever and bacilli dysentery.

The laboratory safeguards the hospital milk supply by making frequent cultures in order to control its freedom from excessive numbers of bacteria. In the December number of our *Bulletin*, readers were informed concerning the extensive use of sterilizing equipment in different departments. The laboratory checks up frequently on the efficiency of our sterilizers by culturing materials that have gone through the sterilizing process to determine if these have actually been made sterile.

Laboratory Staff

Different branches of the laboratory work directed by Dr. Carl W. Apffelbach, pathologist, are in charge of trained assistants as follows: Miss G. Bernice Rhodes, bacteriologist; Dr. Milnor Freeland, chemist; Dr. George Rukstina, assistant pathologist; Dr. Oscar O. Christianson, resident pathologist; Dr. Gurth Carpenter and Dr. John Tysell, assistant resident pathologists. Ten other technicians engaged in important routine work are: S. D. Holmgren, Thomas

EXHALED BREATH IS ANALYZED IN BASAL METABOLISM TESTS

An important branch of laboratory work is that done in the metabolism department. During 1936, a total of 1,681 basal metabolic tests were taken, of which 694 were on non-hospital patients. These tests are taken to determine the rate at which the process of building up and tearing down body cells is being carried on. This rate is revealed by testing in a special analyzing machine, samples of the exhaled breath of the patient. The relative amounts of oxygen and carbon dioxide found in the exhaled breath are the basis for scientific calculation which shows whether a patient is consuming more or less than the normal amount of oxygen that should be consumed by a person of the same age and sex. Basal metabolic tests prove useful in confirming or ruling out the existence of various conditions which may be suspected as the cause of the patient's ill health. They are especially useful in determining the functioning of the ductless glands which include the thyroid and pituitary glands.

Is Simple for Patient

The metabolic test is a simple one for the patient. All that is required is that he lie quietly on a bed and breathe naturally with a mask placed over his nose and mouth. To one side of this mask is attached a tube through which outside air is inhaled, while a tube attached to the opposite side carries the exhaled breath to a storage tank. Valves which open and close automatically enable the patient to inhale fresh air and in turn route the exhaled breath to the tank. It requires eight to ten minutes to obtain the amount of expired air needed for an adequate analysis. Because food and exercise tend to speed up body metabolism, the test is made following a night's rest and before food has been eaten. Every effort is made to induce the patient to feel calm as nervousness may cause rapid breathing and result in an inaccurate test.

LEE - KESLER

Announcement has been made of the marriage on Thanksgiving day of Miss Margaret Lee, 1933 graduate of our School of Nursing, and Dr. Roland Lincoln Kesler, an intern in our hospital and graduate of Rush Medical College.

Craig, Lynn Smith, Helen Ellis, Susan Plummer, Louise Muenning, Margaret Haugen, Muriel B. Groff, Ruth Loughead, Helen S. Smith, with Alice Wiborg and Virginia Miller doing the stenographic and report work.

GRADUATE AND STUDENT NURSES KEPT BUSY AT VARIED DUTIES IN 1936

An average of 117 graduate nurses and 78 advanced student nurses were on duty in different departments of the Presbyterian Hospital in 1936, according to the report presented at the annual meeting of the Hospital Society, by Miss M. Helena McMillan, director of the School of Nursing and superintendent of nursing in the hospital. In addition, 55 graduate nurses gave a total of 19,874 days special duty to hospital patients. Of the 117 graduate nurses on regular duty, five were engaged in general day and night supervisory work. The average distribution of both graduates and advanced students in the different departments was as follows: private pavilion, 49; surgical floors of Jones and Murdoch building, 46; medical floors, 20; children's department, 20; maternity department, 22; operating rooms, 22; examining rooms, 4; diet kitchen and milk laboratory, 7.

The total nursing enrollment was 287, of which 137 were graduate nurses; 107, advanced students and 43, preliminary students.

Assist at Dispensary

Of those students not on duty in the Presbyterian hospital or off duty on account of illness or vacation, an average of 10 daily gave service and obtained experience in affiliated work. Thirty-nine students gave 1,400 days assisting in clinics at Central Free Dispensary. Others assisted in the Rush Medical College Infant Welfare clinic and the Out-Patient Obstetrical department conducted by our hospital, Rush Medical College and Central Free Dispensary. Still others gained experience at the Chicago Municipal Disease Hospital, Chicago Visiting Nurse Association, and Cook County hospital neurological and psychiatric departments.

Our School of Nursing is one of those selected to collaborate with a national committee that is making a study of proposed changes in the approved curriculum for schools of nursing.

MEMORIAL GIFT

Mrs. Ellen Wagoner and Miss Elizabeth Wagoner recently contributed \$50 to the School of Nursing endowment fund as a memorial to their daughter and sister, Miss Josephine Wagoner, student nurse, who died in November after a short illness. The two sisters, who were born in India of missionary parents, entered our school in September, 1935. Miss Elizabeth is continuing her course here and has the sympathy of all who knew and loved her sister.

One Million Phone Calls Are Cleared Yearly By Our Switchboard — Annunciating System Is Handled Also

How did hospitals manage to function before Alexander Graham Bell invented the telephone? Today the telephone is an indispensable part of hospital equipment. The switchboard may well be called the "heart" of the hospital and the telephone lines its "arteries". The telephone operator must be quick, accurate and on the alert at all times. In our hospital, the telephone switchboard handles on its 21 outside trunk lines and its 284 house terminals around one million calls per year, with a daily load of 2,600 to 2,800 calls. But that is only part of the work done by our telephone operators. They take messages for staff doctors, keep a register which shows at any given moment who of the staff are in the hospital and who has been in and left and where he went. Here, also, for ready reference is a register of patients having telephones at the bedside. If the patient is not receiving telephone calls, colored plugs indicate this and the call is given to the floor nurse.

Our telephone operators also have ready-reference lists of clinics held in the hospital and at Central Free Dispensary, schedule of operations for the day, telephone numbers of private offices of staff doctors and office hours; also residence telephone numbers. Private lines connect our hospital with Rush Medical College, Central Free Dispensary, our Nurses' Home and the Professional Schools Y. M. C. A.

Do Annunciating Also

Staff doctors and interns don't stay put very long, it seems, because they are going from patient to patient, checking up on laboratory or X-ray findings and what not. Hence, a part of our telephone service is the annunciator system, over which telephone operators announce names of staff members who are wanted on the house telephone or for whom a call has come from outside. During the busiest hours of the day from 125 to 150 names are called per hour on the annunciators, which are located on every floor and in corridors adjacent to operating rooms.

During the busiest hours, from 10 A.M. to 2 P.M., three operators handle all of this work. Two are on duty from 7:30 to 10:00 A.M. and from 2:00 P.M. to 9:30 P.M. One operator takes care of the work from 9:30 P.M. to 7:30 A.M. Mrs. Helen Losand is our chief operator. Other young women operators are Catherine Burns, Mary Sheridan, Bessie MacPherson and Anne Feil. Paul Rupp is the night operator. All of these operators are specially trained for the exacting work required.

VISITORS FROM AUSTRALIA

Two visitors from Melbourne, Australia, visited our hospital on Jan. 20 and were guests at the annual meeting of our Hospital Society. They were Lieut.-Colonel R. E. Fanning, superintendent of a hospital now under construction which is affiliated with the University of Melbourne, and Mr. D. K. Turner, architect of the new hospital.

GENITO-URINARY SURGEONS GUESTS OF OUR HOSPITAL

The Clinical Society of Genito-Urinary Surgeons held its 13th annual meeting in Chicago, Jan. 22 and 23. On Friday morning members of society attended a clinic in our hospital conducted by Dr. Herman L. Kretschmer, and were guests of the hospital at luncheon. On Saturday morning, they attended a clinic conducted by Dr. Kretschmer at Children's Memorial Hospital. Membership in the society is limited to 25 and consists of men outstanding in this field of surgery in the United States and Canada. Dr. Kretschmer was elected president for the coming year.

MEDICAL STAFF NEWS

Chicago Society of Allergy, Jan. 18 — Dr. Francis L. Foran spoke on, "The Treatment of Hay Fever with a Modified Pollen Solution."

Southern Cook County Branch, Chicago Medical Society, Jan. 19 at Chicago Heights—Dr. Carey Culbertson gave an address on "Endocrine Glands in Gynecology," and Dr. W. O. Thompson spoke on "Dietary Problems in Diabetes, Obesity and Other Diseases."

Dr. Nora Brandenburg returned recently from a six months stay in Europe during which she studied otolaryngology with Professor Paunz at the Royal Hungarian University in Budapest and also spent some time studying in Vienna.

Dr. Isabella C. Herb has resumed her work as chief anesthetist in our hospital, following an absence of several months on account of illness. Dr. Eva Line assisted in this department during Dr. Herb's absence.

The Chicago Gynecological Society held a clinic in our hospital, Jan. 15, and were guests of the hospital and our obstetrical and gynecological staff at lunch. Operative clinics were held both morning and afternoon. The large group in attendance included visitors from Milwaukee, Grand Rapids, Joliet and other nearby cities.

FLOOD SERVICE

Misses Beatrice Williams, Gladys Heikens, Retta Gasteyer and Ruth Hansen, graduates of our School of Nursing, were among the 50 nurses sent from Chicago by the Red Cross to care for flood victims at Louisville, Ky.

Contributions from nurses and hospital employees toward the Red Cross flood relief fund are still being received as this Bulletin goes to press.

30,000 TONGUE DEPRESSORS

*Lives there a man with health so good,
That never to him has been said
By an inquiring doctor confessor,
As he deftly wielded a tongue depressor,
"Now open wide and say ah-h-h."*

This happened no less than 30,000 times last year in our hospital, that being the number of tongue depressors our purchasing department was called upon to supply. Knowing the penchant that all good doctors have for making use of these annoying but necessary little medical accessories, we are assuming that none of the 30,000 failed to perform its mission before being discarded.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO 1753 W. CONGRESS STREET CHICAGO, ILLINOIS Telephone: Seeley 7171

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HERMAN HENSEL	Asst. Superintendent
M. HELENA McMILLAN	Director, School of Nursing

THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

March, 1937

No. 95

CHURCHES AND SUNDAY SCHOOLS AID NEEDY SICK

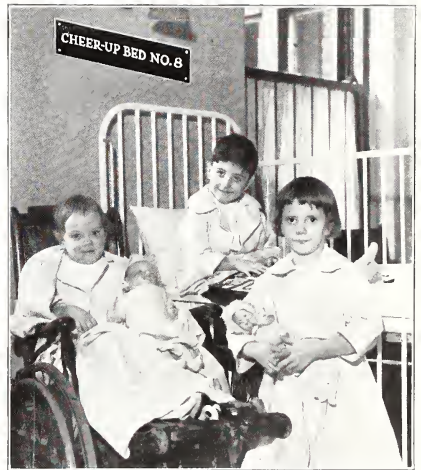
Offerings are Received from Presbyterian Friends on Easter Sunday

When Dr. Joseph Presley Ross enlisted a group of Presbyterian laymen in chartering and completing, 54 years ago, the hospital project that had been started by the faculty of Rush Medical College, they gave to the city of Chicago its second Protestant hospital and to the West Side its first general hospital other than the Cook County institution. And they gave to Presbyterians and other Christian friends of Chicago and the Northwest the opportunity to share in building an institution which has honored the name of Christ, the Great Physician, not only through its service to the "least of these" but for its contributions to the advancement of medical science through affiliation with Rush Medical College of the University of Chicago.

Dedicated in its charter to care for sick and disabled persons of every nationality, creed and color, the Presbyterian Hospital of the City of Chicago has had the support of generous persons of all religious faiths. On Easter Sunday each year members of our Presbyterian churches are given an opportunity to contribute to a special offering for the charity work of the hospital. The offerings of the Sunday School children help to swell an endowment fund which now amounts to \$42,794.11 and supports eight "Cheer-up" beds in our children's wards. Contributions made at church services are used to help support free work for adult patients, particularly ministers, missionaries and needy persons referred by the churches. These numbered 99 last year. In addition, 76 church patients were cared for without charge in our examining rooms. Ten patients occupied our endowment room for ministers and missionaries. Others cared for included 43 minis-

(Continued on Page 2, Col. 3)

"We're better now thank you" is the message that these and hundreds of other child patients send this Easter season to Presbyterian Sunday Schools and other friends whose gifts have endowed nine Cheer-up and Sunshine beds. In 1936 these free beds were occupied by 711 different children, who would not have received hospital care, otherwise.



AN EVER EXPANDING MINISTRY OF MERCY

The Presbyterian Hospital admitted 582 more patients in 1936 than in 1935 . . . Our 1935 admissions exceeded those of 1934 by 354 . . . Increases represented more pay patients, more part pay and more free patients . . . It cost \$846,571.52 to take care of 11,503 patients admitted to the hospital and 31,879 non-hospital patient visits to our examining rooms last year . . . An additional sum of \$96,129.53 was expended to maintain our School of Nursing and Nurses' Home . . . The cost of free care given to 5,554 part pay and 2,437 free patients was \$183,299.50 . . . This figure does not include free services given to these patients by members of our medical staff of 100 men and women appointed from the faculty of Rush Medical College of the University of Chicago . . . It is only through rigid economy, the devoted service of our medical staff, nurses and hospital personnel, and the generosity of many friends that our hospital has been enabled to carry forward this expanding program of service to the sick and injured . . . And it is only through the continued and enlarged support of many generous friends that we shall be able to continue this expanding ministry to the less fortunate and at the same time meet increased maintenance costs and demands for new facilities to keep pace with advances in medical science.

"CHILDREN'S HOUR" KEEPS YOUNG PATIENTS HAPPY

Story and Play Ladies Spread Sunshine on Hospital Children's Floor

How the daily "Children's Hour" conducted by the Story Lady and the Play Lady helps to brighten the days and create new interests for our child patients was brought out in a talk given at the March meeting of our Woman's Board by Miss Winifred Brainerd, who has charge of our hospital Occupational Therapy Department. Miss Brainerd quoted from Longfellow's familiar poem and went on to say that those who take part in the hospital "Children's Hour" do not creep down stairways and raid citadels of affection but hold their own citadels, each citadel a white bed.

Throughout the day, the nurses on our children's floor plan and supervise such diversion as each little patient is permitted to have within the limits of his or her physical welfare. Each of the wards for children over 18 months old has a dollhouse, radio, and cupboards filled with toys, games and books. Low tables and chairs are used for games and eating by children who are well enough to leave their beds for short periods. A part of the course given to our student nurses in the Occupational Therapy department embraces games, storytelling and other diversions especially suited to ill and convalescent children.

New Things to Do

Thus every waking hour in the child patient's day is made as pleasant as possible but, just as the child in the home likes to have visitors and new things to do, so our child patients look forward eagerly to the daily visits of the Story Lady and the Play Lady from the Occupational Therapy department. Miss Brainerd explained that these titles are used interchangeably for Miss Tully and Miss Stoner, and that each can supply whatever need arises.

Stories of two little patients told by Miss Brainerd are typical of many of the children cared for in our Cheer-up beds, endowed by Presbyterian Sunday School children, although the names given here are not the correct names of the children described. Little Margaret had been severely burned and had to lie on her face under a canopy for many days. At first she could hardly move. Through the Story Lady, a doll named Sunny Sue came to live under the canopy and received all of Margaret's confidences. As her condition improved, some beautiful colored blocks were placed under the canopy and she learned to build houses, gardens and castles with these. The Story Lady filled a big void in Margaret's life

A Song for Doubters

I see God today in all these things:
A pearl-gray dawn, a tiny bird that sings
Each morning on my window sill;
An April shower, a tree that is tall and still,
A yellow morning sun, full-red at noon;
White lilies, silver in the silver moon,
And drinking in this beauty, I most humbly say—
"God, how did I dare to doubt you—
yesterday?"

—HELEN STIDD, Student Nurse

FAREWELL FOR MRS. WOLFE

Mrs. Martha E. Wolfe relinquished her duties as matron of our hospital, March 1, after 25 years of service in the housekeeping department, during 13 of which she held the position of matron. On Thursday afternoon, Feb. 25, a farewell tea was given at Sprague Home in honor of Mrs. Wolfe. Guests included members of the Woman's Board, nurses and other friends. Mrs. Clyde E. Shorey, president of the Woman's Board, presented to Mrs. Wolfe on behalf of board members and others, a pocketbook containing a sum of money, stating that this gift expressed in a small way the deep appreciation of the donors for the fine cooperation and assistance given to the board in numerous ways through the years by Mrs. Wolfe.

Miss Bernice Stein, is now in charge of the housekeeping department. Miss Stein is a graduate of Rockford College, where she majored in home economics.

VALENTINE GREETINGS

As Valentine Day greetings, our chef, Mr. Erich Bode, provided dainty little heart-shaped, appropriately decorated cakes, which were served on patients' supper trays, Sunday evening, Feb. 14.

and she heard about Black Sambo and Peter Rabbit. When she was able to go home, well and happy, she said to Miss Stoner, "Ain't I the lucky stiff?"

Finds a New Interest

Doris, age 11, has been ill for a long time and must keep very quiet. When she first came to us, her only diversion was reading, but when the doctor wanted the reading time cut down, she learned about the toy elephants that are made from plaid gingham and decided to make one for her new baby sister. She chose material with great care and is learning to sew and use her mind in planning what to do next. A certain assignment is set for each day and the Play Lady always finds the task accomplished when she returns for the next visit. Thus Doris has found a new interest to cut down the excessive amount of reading and broaden her mental outlook, thus helping her to regain her health in one of our Cheer-up beds.

EASTER OFFERING

(Continued from Page 1, Col. 1)

ters and members of their families. Beds maintained by churches were occupied by 46 different patients a total of 466 days.

The following are extracts from a few of many letters of appreciation received from those to whom our hospital was a haven of mercy when illness found them lacking sufficient funds to meet the cost of care that was imperative:

"Both wife and I are profoundly grateful to you for the very great kindness you have shown us in doing so much for her in body and soul. You have increased her life and strength and lengthened her days and mine and you have helped us so much that we shall be able to give good service in our Presbyterian church and in the kingdom for several years to come."

* * *

"Please accept my appreciation of the splendid services given me while a patient in your hospital. Being sick is hard but when without money the burden is doubled, and I shall feel eternally grateful to you for making hospitalization possible during these trying times."

* * *

"I again want to express our sincere appreciation for the wonderful care given my mother, and your courtesy in adjusting financial matters. I hope some day that when my ship comes in I'll be able to show my appreciation in a more substantial way. My name on an endowed room is a very pleasant thought and I hope to be able to carry it out some day."

In Memoriam

Dr. Thor Rothstein

Dr. Thor Rothstein died in our hospital February 19, 1937, following a short illness. He was born in Sweden, October 20, 1865; was graduated from the Royal Medical-Surgical Institute of Stockholm and became a fellow of the American Medical Society. He also was a member of the Chicago Neurological Society and the University Club.

Dr. Rothstein joined the staff of the Rush Medical College in 1893. He won acclaim for his research work and his contributions to medical publications. In June, 1930, King Gustav of Sweden conferred upon him the Royal Order of the North Star, with the rank of knight. He had been an attending neurologist on our hospital staff for many years. Dr. Rothstein is survived by his widow and a son, Christian Donald.

CHURCH WOMEN, OTHERS AID WOMAN'S BOARD IN NUMEROUS ACTIVITIES

Following is a summary of work done by various committees of our Woman's Board during 1936 and not previously reported in our Bulletin:

Board members and other church women contributed \$2,653.50 through the pledge fund committee of which Mrs. R. Douglas Stuart is chairman and Mrs. Kingman Douglass, vice-chairman. Public-spirited women other than Presbyterians gave \$1,982 through the efforts of the contributors fund committee, Mrs. Charles S. Reed, chairman, and Mrs. H. H. Kittleman, vice-chairman.

For Sick Children

Two committees raised funds especially to aid the hospital in its free work for children. Mrs. William R. Tucker is chairman and Mrs. H. C. Patterson, vice-chairman of the tag day committee, which with the help of scores of taggers, collected \$1,486 on Children's Benefit League tag day. Receipts from 43 Sunday Schools and many individuals added \$1,367.22 to the child's free bed fund. Mrs. William A. Douglass is chairman and Mrs. Wm. B. Neal, vice-chairman of this committee.

Babies' alumni fund receipts were \$115.00.

The furnishings committee, Mrs. Perkins B. Bass, chairman, beautified the large maternity ward and some of the semi-private rooms in that department. The Occupational Therapy committee of which Mrs. L. Hamilton McCormick is chairman and Mrs. J. Hall Taylor, vice-chairman, assisted the work of that department in numerous ways and provided dishes for parties, a new radio, electric sewing machine, two electric clocks, studio couch, photographic and gardening equipment.

Sew 17,693 Articles

Mrs. John W. Bingham, chairman of the sewing committee, reported that 17,963 articles were received from 43 church sewing committees. Mrs. William B. Neal and Mrs. Cameron Barber are vice-chairmen. The latter reported that 15,000 soap wrappers were collected and exchanged for 14 dozen teaspoons and 2 dozen dessert spoons.

The School of Nursing committee raised \$382 at a benefit bridge party, thus enabling the board to provide services of a musical director and current events lectures for the school. Lay workers were furnished for the Rush Medical College infant welfare clinic. One missionary scholarship and eight student loans were maintained. Mrs. Alva A.

Smallpox Goddess Deaf in India; Missionary Nurses Help Combat Superstition and Despair

Chicago with only 12 cases of smallpox in 1936 among its population of 3,558,000 affords a striking contrast to the story told in a leaflet inclosed in a letter received recently from Miss Evelyn M. McKelvey, 1931 graduate of our School of Nursing, now stationed at Londur Community Hospital, Londur, United Provinces, India. The story relates how poverty-stricken low-caste women plunged themselves into lifelong debt that they might make offerings to the Smallpox Goddess, Sitla Dewi, to placate her so that mayhap some dear one, ill in some little dark room might not have to face the fearful unknown. But the Smallpox Goddess was deaf and hundreds died despite the sacrifices and frantic appeals of the women.

That human beings anywhere are without the knowledge and benefit of vaccination 139 years after its discovery by Jenner; that millions continue to find in repulsive superstition their only weapon against disease of all kinds seems incredible. Missionary doctors and nurses are helping to overcome this superstition and ignorance on a thousand far-flung frontiers. Fifteen graduates of our Presbyterian Hospital School of Nursing are now sharing in this work in different parts of the world. Our Woman's Board provides scholarships and a loan fund to assist students in our School of Nursing who wish to prepare for missionary service. Student Volunteer and Y.W.C.A. groups organized in our school stimulate interest in world friendship and missionary work.

Fills Responsible Position

Miss Margaret Burkwall (1931) served as superintendent of nurses at Hoihow Hospital, Hainan Island, South China, in 1935 during the absence on furlough of Miss Caroline McCreery. Hoihow is the largest Presbyterian Hospital in China. Miss Burkwall also had charge of the School of Nursing, graduating the first class and starting a new class during Miss McCreery's absence. She is now head nurse at Kachek Hospital, Island of Hainan.

Knight is chairman and Mrs. Edwin M. Miller, vice-chairman.

Eighteen churches contributed \$773.33 as a Thanksgiving offering. Mrs. W. B. McKeand is chairman and Mrs. Kellogg Speed, vice-chairman. Five teas were given in the interest of this fund.

Mrs. Clement Pollock and her entertainment committee arranged three delightful programs which were given in the chapel for patients able to attend. Thirteen talks about the work of the hospital were given by members of the publicity committee of which Mrs. Ernest E. Irons is chairman. The delicacies committee reported contributions as follows: 6,591 glasses of jelly, 139 pints grape juice, 83 cans fruit and \$320.35 contributed for fresh fruit for ward patients. Mrs. J. P. Mentzer is chairman and Mrs. G. G. Olmsted, vice-chairman.

When Ethiopia was in the grip of war, the former Madeline Vanden Akker (1934) remained in Addis Ababa with her husband, Dr. John Alfred Cremer, head of the United Presbyterian Hospital in that city, who planned and directed hospitalization for the care of the wounded. The Cremers are still at Addis Ababa.

Other Missionary Nurses

Other graduates of our school known to be serving as missionary nurses are as follows:

Miss Gwyneth Porter, Toxila, Punjab, India.

Mrs. Anna Rauch Mackenzie, American Board Mission in South Africa, Mount Selinda, S.R., Melsetta S. Rhodesia.

Mrs. Esther Ruhl Kleffel, Shanghai, China.

Miss Ida Marie Seymour, American Presbyterian Mission North, Tsining, Shantung, China.

Mrs. Hazel Taylor, Margaret Williamson Hospital, Shanghai, China.

Miss Leila Clark, Ferazepur, Punjab, India.

Miss Helen Marie Christensen, Maternity Hospital, Santiago, Chile, South America.

Miss Esther Mae Dodd, Shanghai Inland Mission, Shanghai, China.

Mrs. Winona Hayenga Thorne, Elat, Ebolowa, Cameroun, West Africa.

Mrs. Helen McCuish Oltman, Amody, China.

Miss Bertha Warner, Hwacyuan, Anhives, China.

Mrs. Lillian Young Otto, Untenjambili, Natal, South Africa.

Dr. Ann Huizinga, who began as an intern on our pediatrics service March 1, was born in China of missionary parents and plans to return as a medical missionary after completing her year's internship. She will receive her M.D. degree from Rush College in June.

MONTE CARLO ARTISTS HEARD IN SPRAGUE HOME CONCERT

Artists of the Monte Carlo Opera Company gave a concert at Sprague Home on Thursday evening, March 4. Walter Merhoff, baritone; Ruby Spencer Lyon, coloratura; Giuseppe Lazzarini, tenor; and Gudrun Thorson, contralto and accompanist, gave their usual excellent performance of opera music. They were assisted by Murrel Grey, ballet soloist of the Chicago City Opera Co.

Hospital Chaplain Spreads Cheer and Comfort Among Patients—Rev. E. N. Ware Here 25 Years

One afternoon not long ago, a young couple emerged from the Cook County clerk's office and climbing into a Yellow Cab told the driver they wanted to be taken to a Protestant minister to be married. They were strangers in Chicago but had promised their parents that they would be married by a minister. Apparently the Yellow Cab driver did not have a wide acquaintance among the clergy but he did know of a hospital that bore the name of a well known denomination and assumed that a minister could be found there. Thus it happened that at 2:00 P.M. on Feb. 6, 1937, our hospital chaplain, Rev. E. N. Ware, united in marriage in our attractive East waiting room, Miss Lois Sowers and Mr. David McGoon of Freeport, Ill.

Hospital weddings are not uncommon and during his 25 years as our chaplain, Dr. Ware has read the marriage service many times, sometimes in the chapel, more often at the bedside. But this was the first time that a couple has come to the hospital for the sole purpose of being wedded.

We are pleased because the Yellow Cab driver took it for granted that a minister would be found in our hospital. But we find much greater satisfaction in the fact that we have a chaplain who is available at any hour of the day or night to give spiritual counsel and comfort to our patients and be of service in such other ways as may be desired.

Responds to Many Calls

Among the 11,000 patients admitted annually to our hospital are persons of many different creeds and some who have no creed. Many patients receive consolation and spiritual help from visits of their pastors, rabbis or priests. Often pastors or friends send requests to the chaplain to visit patients. Patients themselves learn that we have a chaplain and send word for him to call. Thus in the course of a year our chaplain is called upon to minister to hundreds of patients.

On Sunday mornings each patient's tray bears a slip announcing the regular service in the chapel and containing a comforting message for those unable to attend—a passage of scripture, a hymn or a poem. Assisted by volunteer workers and nurses who take time from other duties, patients come in wheel chairs, on crutches and on foot, garbed mostly in bathrobes or blankets. Flowers, furnished by a fund established years ago by Miss Helen V. Drake in memory of her mother, Mrs. John B. Drake, Sr., add

ENTERTAIN PATIENTS

An entertainment was given in the chapel on Saturday, Feb. 27, under the direction of Mrs. Pollock, chairman of the entertainment committee. Three members of the Women's Club of Musicians—Miss Lilyan Sacks, soprano; Miss Margaret Conrad, violinist; and Miss Marion Lychenheim, pianist, gave a very fine performance which the audience of patients in wheel chairs enjoyed greatly.

beauty to the service. Often volunteer musicians come to take part but they, like the chaplain who has been doing it for 25 years, give their best willingly to the few or many who, at considerable effort, come together to worship God and replenish their spiritual resources. Occasionally a baby or an adult is baptized in the chapel. Sometimes baptism or communion is administered at the bedside.

Yes, many thousands of men, women and children who have been patients in our hospital not only know that we have a minister here but also know of the unobtrusive, untiring, kindly ministrations of our chaplain, Rev. E. N. Ware, D.D.

*What fullness of joy, in the rounds of the day
To live the gospel plan;
To offer a prayer when the shadow lowers,
"And be a friend to man."*

ELECTROCARDIOGRAPH

The Electrocardiograph department is now open all day instead of forenoons as heretofore. Miss Mildred Mancl, a graduate of University of Chicago, is the technician in charge, succeeding Mrs. Marie Barker who had held the part time position for 14 years.

ENDOWMENTS and MEMORIALS

\$50,000 entitles the donor to name a twelve-bed ward, which shall remain as a perpetual memorial to the donor, or any other individual he wishes.

\$20,000 carries the same privilege for a four or six-bed ward.

\$10,000 entitles the donor to designate a room in the Private Pavilion which shall be named as desired by the donor and remain as a perpetual memorial.

\$35,000 endows a graduate nurse in perpetuity to care for seriously ill patients in the wards.

\$7,500 designates a bed in perpetuity. \$5,000 designates a bed during one life.

\$5,000 designates a bed in the Children's Ward in perpetuity.

\$300 annually designates a bed in the general wards.

\$100 or more constitutes the donor a life member of the institution.

A yearly donation of \$10 constitutes an annual member.

RUSH CENTENNIAL

One hundred years ago on March 2, 1837, the governor of Illinois affixed his signature to the charter incorporating Rush Medical College. Dr. Robert Herbst is chairman of the centennial committee named by the Alumni Association to arrange a suitable observance which, according to present plans, is to take place during the autumn quarter. Dr. Daniel Brainard was the founder of the college and its first president.

MEDICAL STAFF ADDITIONS

Additions to the Staff for 1937, reported by Rush Medical College and approved by the Board of Managers are:

Attending Neurologist	Dr. John Favill
Assistant Attending Neurologist	Dr. William H. Haines
Assistant Attending Physician	Dr. George W. Stuppy
Assistant Attending Surgeon	Dr. A. Louis Rosi
Assistant Attending Surgeon	Dr. John M. Dorsey
Assistant Attending Ophthalmologist	Dr. Max Jacobson

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

1753 W. CONGRESS STREET CHICAGO, ILLINOIS
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HORACE W. BOWEN.....	Vice-President
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Alfred T. Carton	Fred A. Poor
Albert B. Dick, Jr.	Rev. John Timothy
John B. Drake	Stone, D.D.
James B. Forgan, Jr.	R. Douglas Stuart
Albert D. Farwell	Robert Stevenson
Alfred E. Hamill	J. Hall Taylor
Charles H. Hamill	John P. Walling
	Edward F. Wilson

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Rev. Harold L. Bowman, D.D.
Rev. Henry S. Brown, D.D.
Rev. W. Clyde Howard, D.D.

MEDICAL BOARD

VERNON C. DAVID, M.D.President
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WOMAN'S BOARD

MRS. CLYDE E. SHOREYPresident
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ASA S. BACONSuperintendent
HERMAN W. HENSELSuperintendent
M. HELENA McMILLANDirector, School of Nursing

THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1833, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

April, 1937

No. 97

POOR CIRCULATION IS IMPROVED WITH PAVAEX

Recently Invented Apparatus Used Successfully in Our Hospital

One of the most interesting recent advances in medical science was the development in 1932 and 1933 of apparatus for the successful treatment of poor circulation in the arms and legs due to diseased blood vessels. Working independently of each other, Dr. Louis Herrmann of the University of Cincinnati and Dr. Eugene Landis of the University of Pennsylvania found that apparatus which applied pressure and suction alternately to affected extremities proved beneficial in cases of arteriosclerosis (hardening of the arteries) due to advanced age or diabetes, and that gangrene resulting from circulatory disease could be delayed or retarded.

Machine Is Perfected

As a result of Dr. Herrmann's work the Pavaex machine was perfected and made available to the medical profession in 1934. Within a few months thereafter, the Presbyterian Hospital installed a Pavaex machine and equipped a Vascular Therapy Department on the seventh floor of the Murdoch building. This department is under the direction of Dr. Frank V. Theis, a member of our surgical staff and of Rush Medical College faculty. During two and one-half years since the organization of this department, 221 patients have received treatment with gratifying results in a majority of cases. These patients included both men and women, whose ages ranged from 23 to 89 years. Almost 10,000 hours of treatment have been administered.

In the early days of his experiments with alternate pressure and suction treatment, Dr. Herrmann rigged up crude apparatus which he operated laboriously by means of an ordinary bicycle pump fitted

(Continued on Page 2, Col. 2)



HOW PAVAEX TREATMENT IS ADMINISTERED

This picture, taken in the Presbyterian Hospital Vascular Therapy department, shows a patient receiving Pavaex treatment in both arms and both legs. Boot-like casings fit over the legs and cone-shaped casings over the arms. Rubber cuffs hold the casings in place while gradual expansion and contraction occur as ordinary room temperature is alternately forced into and drawn out of casings. Hose-like rubber tubes connect the casings to the machine which is operated by a trained technician. Glass casings are used because they are easily sterilized and their transparency makes it possible to observe the effect of the treatment.

MAGAZINE CONTRIBUTOR

Dr. Clifford G. Grulee, head of the pediatrics staff of our hospital and chairman of the pediatrics department of Rush Medical College of the University of Chicago, is the author of an article in the April number of the Woman's Home Companion on the topic, "A Child and His Food."

LENTEN SERVICES

Three Lenten services were held at Sprague Home under the auspices of the School of Nursing branch of the National Y. W. C. A. Speakers were Dr. Walter A. Morgan of the First Congregational Church on March 8, Dr. Alvin R. Hickman of Third Presbyterian on March 15, and Rev. Alexander Allison, assistant at Fourth Presbyterian, on March 22.

FEVER MACHINE USED IN TREATMENT OF MANY DISEASES

Has Therapeutic Value

Since the beginning of medicine, heat in various forms has been used as a therapeutic agent in assisting the repair of diseased structures and in the relief of pain. In the past this has been used in the form of hot blankets, hot water bottles, electric pads, and so forth. More recently, electric apparatus has been so arranged that it is possible to induce heat into the body without markedly elevating the skin temperature or causing discomfort.

In Memory of Dr. Abbott

This form of Fever Therapy was instituted in the Presbyterian Hospital in 1935, and in 1936, in memory of Dr. Donald Abbott, Mrs. Abbott provided a sum of money for remodeling and equipping a Fever Therapy department. This department is located on the seventh floor in the Murdoch building in quarters now arranged with adequate space and facilities for carrying out both prolonged Fever Therapy and local heat treatments.

Temperature Is Raised

Fever treatments consist in raising the patient's temperature to between 104 and 106 degrees and maintaining this temperature for several hours. This form of treatment is used in many systemic and generalized diseases in which it is desirable that heat be produced in all the organs of the body. About 325 treatments of this type have been given in the department without accident and with satisfactory results. Local treatments consist in elevating the temperature of a small portion of the body, thereby increasing the blood supply and giving a symptomatic relief of pain. About 2,000 of these local treatments have been given by the department. Many of these fever treatments are given in patients' rooms throughout the hospital in cases where it is inadvisable to move the patient to the Fever Therapy department. For this purpose portable apparatus is used.

Although this form of treatment is comparatively new, it has established itself in our hospital as a definite therapeutic measure, due to the good results obtained. Mrs. Ruth Behringer and Miss Anita Foss are the graduate nurse technicians in charge of the routine work in the Fever Therapy department, which is under the supervision of the medically trained members of our X-ray staff.

PAVAEX TREATMENT

(Continued from Page 1)

with a two-way valve. The Pavaex machine as now perfected is operated by electricity and fitted with various gadgets which guide the operator in administering treatment with precision.

The name of the machine is derived from the first two letters of the three words "PAssive VAScular EXercise". Vascular means blood vessels and exercising the blood vessels is exactly what the Pavaex treatment does. This exercise stimulates circulation in tiny collateral arteries, thus opening up a sort of detour which permits the blood to travel around the disease clogged portion of the main artery and into areas in which the circulation had been stopped. Thus aided on its way, nature's life-giving blood stream separates dead tissue that is gangrenous, relieves the pain and limits the gangrene to the tissue that is already affected. In cases of arteriosclerosis, the affected extremities first have an ivory white appearance due to stoppage of circulation. This portends the death of tissue and imminence of gangrene. When Pavaex treatment is given in such cases, the extremities frequently take on a faint pinkish tinge before the first treatment comes to an end and with succeeding treatments legs that were practically dead take on new life.

Gangrene Is Treated

Some advanced cases of gangrene have been treated with marked results; among these were a number in which amputation had appeared to offer the only hope of relief from the terrible suffering due to dead tissue or open sores. Patients, whose condition appeared hopeless, have improved sufficiently to resume their usual occupations and other activities. Less advanced cases of poor circulation resulting from diabetes or arteriosclerosis have responded readily to the Pavaex treatment. Acute conditions resulting from the closure of circulation by a clot forming in a blood vessel of an extremity or in other parts of the body and carried to the extremity have been cleared up so that no further treatment was necessary. Hands and feet that have been frozen respond with remarkable success to this treatment. In chronic types of blood vessel disease, the treatment is lessened as the patient's condition improves but some treatment may be necessary at intervals to keep the condition under control.

Effects Are Studied

The amount of suction and pressure and the number of cycles of changes in pressure per minute are varied according to the requirements of each patient treated. The average length of treatment is one hour, but this is varied according to the patient's needs. The treatment in-

volves neither pain nor discomfort to the patient. Both legs or both arms are treated because both usually are involved to some extent. In some cases all four extremities are treated. Skin temperatures are taken by means of a delicate apparatus to determine the effectiveness of the treatments in improving the blood flow. Oscillometer readings show the extent of pulsation in the larger blood vessels of the extremity. These are accurately measured in units. These readings are taken from time to time to ascertain the effectiveness of the treatments.

Blood chemistry tests also are utilized in the study of some cases as treatment progresses. Other therapeutic measures such as contrast baths and postural exercises are occasionally prescribed to supplement the suction and pressure treatments.

Early Diagnosis Essential

Early diagnosis of circulatory disease offers the best hope of benefits from this new method of treatment. Experiments indicate that certain types of arterial disease other than those mentioned will respond to this treatment. Through the cooperation of our hospital laboratory extended research by our physiological chemist, Dr. M. H. Freeland, in collaboration with Dr. Theis, is throwing new light on the subject of certain circulatory diseases, their causes and treatment. Detailed reports of the work done in our hospital have been contributed to the *Journal of the American Medical Association*, the *Illinois Medical Journal*, *Surgery*, and *Archives of Surgery* and presented in addresses before professional groups. Additional reports are now in preparation by Dr. Theis and Dr. Freeland.

Facilities and Personnel

In order to get the best results, extensive facilities and experienced personnel are necessary in Vascular Therapy work. Miss Helen Higgins is the specially trained graduate nurse in charge of the routine work in the department. Other assistants are Arthur Nielsen and Fred Brown. To accommodate patients who cannot come for treatments during the day, the department is kept open until 9:00 P.M. Our equipment is sufficient to treat five patients at one time.

Patients are referred to the department by their own physician and through Central Free Dispensary and Rush Medical College. Each case is diagnosed thoroughly before treatment is prescribed and only those whom it is believed will be benefited are treated.

Dr. N. Sproat Heaney was one of the speakers at a joint meeting of the St. Louis and Chicago Gynecological Societies held in St. Louis, Feb. 13. His subject was "Operative Indications in Gynecology."

**BULLETIN OF MEDICAL
SOCIETY TELLS OF DR.
J. A. ROBISON'S WORK**

Dr. John A. Robison of our hospital medical staff is the subject of an article in the March 20 issue of the Chicago Medical Society *Bulletin*. The article by Dr. Thomas P. Foley, president of the Society, is one of a series of articles summarizing the careers of past presidents of the Society. The articles follow:

John Albert Robison, A.M., M.D., President of the Chicago Medical Society in 1909-10, was born in Richland, Ind., July 26, 1855. He graduated from Monmouth College in 1877 with degree of Bachelor of Arts and from Rush Medical College in 1880, as secretary of the class. Becoming associated with Joseph Presley Ross, M.D., Professor of Clinical Medicine, Rush Medical College, in 1880, he assisted him in organizing the Presbyterian Hospital. He was an attending physician and secretary of the medical staff for sixteen years. He is now a consulting physician, and the only living member of the original staff. He was a member of Cook County Hospital staff 1884 to 1892.

Dr. Robison was elected Chairman of the Committee on Publication of the Chicago Medical Society in 1886, and was a founder of the Chicago Medical Recorder which published the society proceedings for several years.

In 1901, he organized the Chicago Society of Internal Medicine, which had William Osler as the guest speaker at a joint meeting with the Chicago Medical Society on May 16, 1901.

In the same year Dr. Robison had a bill introduced in the legislature to establish a State Sanitarium for the cure of tuberculosis. This bill was the forerunner of the Glackin bill which provides for the establishing of county sanitariums for tuberculosis.

Dr. Robison served as President of the Illinois State Board of Health and Chairman of the Registration Bureau from 1913 to 1920. He introduced the practical bedside examination, in the Cook County Hospital, of candidates for state licensure. He served as Major of the Medical Reserve Corps sixteen months during the World War. He is a member of the A. M. A., Illinois State Medical Society, and a veteran member of the Chicago Athletic Association. Dr. Robison has been retired from active practice since 1920.

The Chicago Medical Society extends congratulations to Dr. Robison on his long and distinguished career.

ON OUR FIRST STAFF



DR. JOHN ALBERT ROBISON

Dr. Robison is the only living member of the first medical staff of the Presbyterian Hospital, appointed when the hospital was opened in September, 1884.

**WOMAN'S BOARD HEARS
REPORTS ON RESEARCH
and CONTROL of CANCER**

More than 100 members of the Woman's Board attended the April meeting in the hospital chapel, April 5. Mrs. James B. Herrick presented an interesting report of the work done by the Cancer Research committee of the Chicago Woman's Club. Dr. Cassie Bell Rose, of our X-ray department, told of the results accomplished in the treatment of cancer by X-ray and radium therapy. Miss Mary Watson, charge nurse in our hospital maternity department, gave a short talk on the work of that department, reporting that up to April 1, this year, 224 babies had been born in our hospital, an increase of 24 over the same period in 1936.

HOUSE STAFF CHANGES

Interns who completed their services in our hospital March 1, were Dr. Robert Ranquist and Dr. Bert G. Nelson. Dr. O. O. Christianson, resident pathologist, also completed his work here on March 1. Dr. Charles Armand Barnes, Dr. Francis M. Phillips and Dr. Ann Huizinga began service as interns on March 1. Dr. Robert Rutherford began service March 1, as assistant resident pathologist.

Dr. Leo Campbell addressed the Woman's Auxiliary of the Jackson Park Branch, Chicago Medical Society, on March 17.

**STAFF MEN HEARD ON
RADIO PROGRAMS IN
EDUCATIONAL SERIES**

Members of our medical and surgical staff gave two of a recent series of radio talks on "Cancer," sponsored by the Education committee of the Illinois State Medical Society. Dr. Harry A. Oberhelman spoke on WJJD, March 18, and Dr. Arthur Diggs was heard on WAAF, March 19.

Dr. Lawrence McLellan gave a talk on WGN, March 2, under the auspices of the Chicago Tuberculosis Institute. His subject was, "Silicosis and Tuberculosis".

Dr. Edward A. Oliver gave a radio talk on WGN Feb. 23, under the auspices of the Education Committee of the Illinois State Medical Society. His topic was "Dermatitis and Eczema." Dr. J. Frank Waugh spoke on the same date on WJJD, his subject being "Cosmetics."

At Professional Meetings

Chicago Medical Society, Mar. 3—Dr. Gatewood spoke on "Treatment of Burns." Dr. Edwin M. Miller led the discussion.

* * *

Chicago Council of Medical Women, Mar. 5—Dr. Nora Brandenburg reported on her recent observations in Austria and Hungary of "Mastoiditis in Children Complicating Dysentery." Dr. Eleanor Leslie led the discussion.

* * *

Chicago Surgical Society, Mar. 5—Dr. A. Louis Rosi was one of the speakers, his subject being, "Experimental Studies on Peritoneal Immunization."

* * *

Chicago Pathological Society, Mar. 8—"Allergic Lesions Produced by Injection of Protein," report by Dr. Louisa Hemken and Dr. G. J. Rukstain.

* * *

Chicago Ophthalmological Society, Mar. 15—Dr. Bertha Klien spoke on "Clinical and Pathological Study of Eyes Removed for Suspected Tumors."

* * *

Chicago Pediatric Society, Mar. 16—Dr. H. N. Stanford was one of the speakers, his topic being, "Care of Skin of the Newborn."

* * *

Chicago Tuberculosis Society, Mar. 18—Dr. W. O. Thompson presented a paper on "An Extract of Adrenal Cortex Effective in Addison's Disease," with demonstration of cases.

* * *

Chicago Society of Internal Medicine, Mar. 22—"Management of Heart Disease in Pregnant Women," report by Dr. Clayton J. Lundy, Dr. Carl P. Bauer, Dr. Edward D. Allen, Dr. J. J. Holloway and Dr. Fred O. Priest.

“Information” In Main Entrance Lobby is Busy Center of Activity; Varied Duties are Performed

One of the busiest centers of activity in our hospital is the Information desk, located in the main entrance lobby. It not only is the reception desk serving most of the patients and visitors entering the hospital, but those in charge also take care of in-coming and out-going mail and telegrams, keep track of the comings and goings of attending doctors and take care of the card index file which is an up-to-the-minute record of name and room number or ward location of every patient in the hospital. All packages or parcels addressed to patients are delivered here and later dispatched by bell boys to the different floors. Messengers with flowers are directed to the proper floor where delivery is made to the nurse in charge of the floor desk.

Issue Visitors' Passes

Passes are issued here to visitors calling on ward patients and a check kept on the number of passes issued for each patient. Not more than two visitors are permitted to see a ward patient at one time, the rules as established by the health department being carefully followed. Recently visitors on week day afternoons have numbered from 250 to 300, on Sundays from 400 to 600, and during evening visiting hours around 200 each evening.

Theodore Primis, familiarly known as “Teddy,” has been on duty at Information for 13 years, while Walter Schacht has been with us for 10 years. They work alternate shifts and with the help of one assistant during “rush” hours, take care of the desk from 7:30 A.M. until 9:30 P.M. Raymond Ray, captain of the bell boys, acts as relief and assistant information clerk. Raymond Ray, Donald Hart, Clifford Friedle, and Robert Rupp are the four courteous young men on whom falls the task of escorting incoming patients to their rooms or wards. They also perform various other duties between 7:30 A.M. and 9:30 P.M. Our inside night watchman, Charles Lake, takes care of information and related work between 9:30 P.M. and 7:30 A.M.

TRI-STATE ASSEMBLY

The Tri-State Hospital Assembly for Illinois, Indiana and Wisconsin will be held at the Hotel Sherman in Chicago, May 5, 6 and 7. Business sessions of the three state associations will take place on Wednesday afternoon and there will be a session for hospital trustees and members of managing boards that evening. General sessions will be held each morning and on Thursday and Friday afternoons numerous group and round table conferences are scheduled.

Mrs. Clyde E. Shorey, president of the Woman's Board of our hospital, is chairman of the round table conference to be held Thursday afternoon from 2 to 4 o'clock for members of women's boards and auxiliaries of hospitals.

“EAST INFORMATION” DESK SERVES PAVILION VISITORS

Miss Olivett M. Walker is the pleasant person who greets patients and visitors at the East Information desk, near the Private Pavilion entrance to the hospital. In addition to directing visitors and patients who enter by Pavilion door, Miss Walker takes care of a large amount of statistical work. Among other things she compiles a daily report of patients admitted and discharged, covering classification of patients, health department reports and other data. At the end of each month she assembles a monthly summary of these reports. Miss Walker is completing her 17th year in this position. From 1892 to 1900 she served as a volunteer hospital visitor spreading cheer among the patients and doing some of the things now done by the librarian and the Social Service department.

STRING ARTISTS ASSIST ON CONCERT PROGRAM OF STUDENT NURSES' CHORUS

Dr. Adrien Verbruggen and three concert artists from the Chicago Symphony orchestra, made a generous contribution to the program of the annual concert given by the Florence Nightingale chorus at Sprague Home on March 30. They played “String Quartette in D Major” by Borodine and responded to nine encores. Miss Marion Carlson, physical education instructor in the School of Nursing, proved herself an artist in her dance number and the chorus numbers were especially well done. Receipts amounting to \$26 have been used to start a fund to purchase much desired additional equipment for the school laboratory.

MISS WILSON RESIGNS

Miss Mary M. Wilson has resigned as charge nurse on seventh maternity floor and gone to her home in Tracer, Ia. to care for her invalid mother. Miss Wilson had filled this position in a highly efficient manner since Oct. 1, 1934, prior to which time she had been night superintendent of nursing. Miss Mary Watson, who has had charge of the delivery room, is now charge nurse on seventh maternity, while Miss Helen I. Beck is charge nurse in the delivery room.

CAPPING SERVICE HELD FOR 58 JUNIOR NURSES

Monday, March 29, was a red letter day in the lives of 58 young women, who had completed their preliminary training in our School of Nursing and who participated in an impressive capping service held at Sprague Home. Miss M. Helena McMillan, director of the school, was in charge as usual, but an innovation was made this year by having a guest speaker address the class. Mrs. Ada Reitz Crocker, executive director of the Illinois State Nurses' Association, was the speaker. Each junior student received her cap from an upper class student. In the beautiful candlelighting service, candles carried by the 58 participating students received light from one candle in the hands of Miss McMillan. An audience composed of parents, friends, hospital staff members and students filled the school auditorium.

ADDITIONS TO STAFF

Dr. C. Jack Harrison and Dr. Walter J. Siemsen have been added to the medical staff of our hospital as assistant attending pediatricians.

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THE PRESBYTERIAN HOSPITAL BULLETIN Florence Slown Hyde, Editor

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The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

May, 1937

No. 98

EXACTNESS IS THE RULE IN HOSPITAL PHARMACY

Teamwork of Pharmacist With Doctor is Backbone of Modern Medicine

It's a far call from the Medicine Man of the savage to the modern Doctor of Medicine with his knowledge of drugs, chemicals and other scientific preparations, and their uses for the alleviation of human suffering and the overcoming of disease. The Medicine Man, still found in some parts of the world, brews and mixes his own concoctions and administers them to the accompaniment of weird and fantastic ceremonies, usually to the detriment of the patient. The modern Doctor of Medicine does his medicine mixing only on paper when he writes a prescription for the pharmacist to fill, relying on the latter to do the measuring, weighing and mixing with exactness. This teamwork on the part of doctor and pharmacist is the backbone of medical practice in the civilized world today.

Pharmacy Serves Patients

While the pharmacist in the average retail drug store is expected in these days to lend a hand with a good many other tasks — in the lunch department, at the soda fountain and liquor counter and in miscellaneous sales work — the duties of the hospital pharmacist consist wholly of taking care of the medicinal and other pharmaceutical needs of the patients. In the Presbyterian Hospital, the pharmacy requires the full time services of two pharmacists and one graduate nurse, supplemented by the service which student nurses perform as part of their course in elementary materia medica, described in a separate article.

Our hospital pharmacy serves in some measure every patient admitted to the hospital as well as most of the non-hospital patients who visit our first floor examining rooms. Whether it's only the antiseptic solution from which the nurse

(Continued on Page 2, Col. 2)



SCENE IN PRESBYTERIAN HOSPITAL PHARMACY

In this picture, members of the pharmacy staff are shown supervising a group of student nurses, who are engaged in weighing medicines for capsules and powders. They are, left to right: Mary Pierce, Charlotte Warren, Mr. Malcolm Hutton, assistant registered pharmacist; Grace Koontz, Mr. William Gray, head pharmacist; Helen Studd and Miss Nelle Crout, graduate nurse assistant. A small section of the pharmacy is shown.

NATIONAL HOSPITAL DAY IS MAY 12

May 12, the birthday anniversary of Florence Nightingale, is set aside by the American Hospital Association as National Hospital Day. On this day the people of the nation are asked to pause and consider the immeasurable service given to the sick and injured by our hospitals.

That hospitals constitute a major enterprise in our country is revealed by the fact that an average of one person in 15 was a hospital bed patient in 1936, while total admissions were 8,646,885, according to statistics compiled by the American Medical Association.

Hospitals registered by the association number 6,189, of which 1,724 are governmental hospitals (federal, state, county and city), 1,754 are hospitals incorporated for profit and 2,711 are non-profit hospitals. The Presbyterian Hospital belongs to the non-profit group, which cared for 5,258,772 patients in 1936 or about two-thirds of the total number admitted to all hospitals.

President Roosevelt issued a statement commending the hospitals for "continually waging war against sickness and injury." Governor Henry Horner issued a proclamation urging the citizens of Illinois to observe the day and terming hospitals "community health centers that stand out as beacon lights of social improvement, representing the spirit of charity, the spirit of justice and the will to minister to human needs."

In Memoriam

Frederick H. Rawson

The welfare of the people of our country and of Chicago in particular has depended to a large degree upon the churches, colleges, hospitals and charitable institutions founded and maintained by the generosity, wisdom and individual labors of our great citizens. As the years pass, friends of these institutions pass away. A sense of genuine loss to the Presbyterian Hospital and Rush Medical College came to us when we learned of the death of Frederick H. Rawson on Feb. 5, 1937.

Mr. Rawson was 64 years of age. He is survived by his widow, Mrs. Edith Rawson and by two sons, Frederick and Kennett. Mr. Rawson was an eminent citizen of Chicago, known for his reliability, his soundness of judgment, and his personal and financial support of the best interests of the community. In the business field he was probably best known as the president and later chairman of the board of the Union Trust Company, founded by his father Stephen W. Rawson. He served this institution from the time of his graduation from Yale in 1895 until its consolidation with the First National bank in 1929. In this bank he was co-chairman of the board and then chairman until his retirement in 1933. Mr. Rawson was a director of the Baltimore and Ohio and the C. B. & Q. railroads and the Miehle Printing Press and Manufacturing Company.

Mr. Rawson's charitable and philanthropic activities were many. He was a benefactor of the Field Museum of Natural History, a trustee of and a contributor to the Chicago Home for Incurables, a trustee of the John Crerar Library and the Illinois Society for Mental Hygiene. He was a member of the Board of Managers of the Presbyterian Hospital for many years and endowed a room in this hospital, later adding to the endowment. He also endowed rooms in the Children's Memorial Hospital and contributed liberally to other hospitals.

One of Mr. Rawson's largest philanthropies was the gift of the Rawson Laboratory of the Rush Postgraduate Medical School of the University of Chicago. This was an expression of Mr. Rawson's great interest in medical education and his firm belief in the advancement of medical knowledge through an enlarged program for an institution rich in its traditions of the best in medical teaching and study. Thus at Rush and at Presbyterian Hospital we hold in grateful memory the man who added much to our opportunities to serve the cause of human welfare.

WILBER E. POST, M.D.

HOSPITAL PHARMACY

(Continued from Page 1)

removes a clinical thermometer to take your temperature, the solution in which the doctor dips a piece of gauze to sterilize your ear lobe when a sample of blood is desired for a blood count, the barium sulphate you drink prior to having your internal organs photographed by X-ray or viewed by X-ray fluoroscopy, or some solution which the doctor injects into your vein for one purpose or another—all of these supplies come from the pharmacy. Even the alcohol used for the ever welcome back-rubs and for many other purposes is diluted and denatured in our pharmacy in accordance with government rules for converting tax-free pure alcohol for hospital use.

Doctor Writes Medicine Order

Whether it's a simple dose of soda bicarbonate for your stomach's sake, a mild sedative to help you go to sleep, or a dose of some rare drug your doctor wants you to have, it is supplied by the pharmacy. But, you can't get so much as a dose of soda without a written order from your doctor. However, if the doctor thinks you need a dose of soda or almost any other medicine ordinarily prescribed, it isn't necessary to send all the way down to the pharmacy in the basement for it, because the steel medicine cabinet on each floor is at all times supplied with ordinary medicines, put up in single doses of every conceivable size that may be needed.

Nurse Fills Order

Suppose your doctor wants you to have at stated intervals a dosage consisting of 5 grains of one medicine, 3 grains of another and $\frac{1}{4}$ grain of another. He knows that when he hands his written order to the nurse she can go to the medicine cabinet on the floor and find, in plainly labelled containers, single doses of each drug put up in the sizes prescribed. The 5-grain dose may be in a capsule, the 3-grain dose in a powder paper and the $\frac{1}{4}$ -grain dose in a compressed tablet but, in whatever way the prescribed amount of each medicine ordered is put up, the mixing is accomplished by giving the patient the three separate items at one time. Nurses are not allowed to multiply or divide doses. For example, if, as infrequently happens, the nurse does not find in the medicine cabinet the 5-grain dose ordered, but does find a supply of $2\frac{1}{2}$ -grain doses of the same medicine, she cannot use two of the latter until she has obtained a new order from the doctor. Or, if she finds 10-grain doses, she cannot divide these and use half of the dose. Another way in which the patient is safeguarded against the possibility of human error is that the largest prepared single dose of

HERE'S WHAT IT TAKES!

Last year doctors in the Presbyterian Hospital used 700 of our regulation prescription pads, each containing 100 duplicate sheets (all medicine orders are written in duplicate). This means that approximately 70,000 medicine orders were written for patients.

Medicine glasses get broken and, to replenish the supply required for our patients, 5,472 new medicine glasses were bought in 1936.

Single doses of numerous medicines are put up in capsules or powder papers. Empty capsules in different sizes are contracted for in lots of one-quarter million, which is about a year's supply in our pharmacy. About 400,000 powder papers are used annually. The medicine is weighed out individually for each capsule or powder. As little as $\frac{1}{150}$ grain constitutes a single dose of some drugs, while the maximum dose of many medicines is less than one grain.

any one medicine is not above the maximum dosage which may be taken safely. Other safeguards which nurses are required to observe, including methods of measuring liquid medicines, are explained in a separate article. Verbal orders for medicines are accepted from doctors only in emergencies.

Is Economical System

Our system of keeping a large supply of medicines on the floors provides prompt service for the patient and saves much time on the part of both nursing and pharmacy staff. Under this plan of dispensing medicine, patients are supplied with all ordinary medicines without extra charge. Special medicines, including approved proprietary preparations, intravenous solutions, vaccines, serums and others, are supplied to patients directly from the pharmacy as ordered. Some of these are made up only as needed, while a small supply of others are kept in readiness in the large refrigerator in the pharmacy. Essential oils, fixed oils such as coconut, cod liver and almond and the various sweet oils are stored in the refrigerator, also.

Other Pharmaceutical Supplies

Various solutions and ointments are prepared in the pharmacy. Those used in the eyes and for hypodermic, intravenous, intramuscular or intraspinal use are supplied in sterile condition. Many of the testing solutions used in the laboratory are prepared in the pharmacy as are also antiseptic solutions used in surgery and obstetrics. Mercuric chloride tablets are supplied to operating rooms for making antiseptic solutions used at operations. Local anesthetics are prepared in the pharmacy, which also supplies ether, ethylene and nitrous oxide gases and oxygen.

PHARMACY COURSE FOR NURSES STRESSES EXACTNESS

Safe Procedures Are Taught

Our hospital School of Nursing was among the first in the entire country to offer a special course of pharmaceutical instruction. Mr. Gray having inaugurated the course at the request of Miss M. Helena McMillan, director of the school, soon after he joined our staff as pharmacist, 31 years ago. Termed elementary materia medica, this course embracing 25 hours instruction in the pharmacy, is given during the first term of the first year. Its object is to familiarize the student with the various preparations of drugs, their classifications and administration; methods of weighing and measuring, and the preparation of solutions, ointments and suppositories.

Exactness Is Stressed

Percentage and fractions, ratio and proportion, and tables of weights and measures which the students learned long ago are brought into practical use in the weighing, mixing and dividing of drugs to be put up in capsules or powder papers, the preparation of solutions and the measuring of liquid medicines. They learn that a drop is not always a minim but varies according to the kind of dropper and the viscosity (fluidity) of the liquid. Likewise they learn that a teaspoonful is not always a dram and that the accurate way to measure liquid medicines is in a medicine glass or graduate rather than in a teaspoon or tablespoon, while the small glass on which minims are designated is best for measuring the dosage that is less than a dram. The student acquires much practical training and a realization of the importance of exactness and care in handling medicines.

Safe Procedures Taught

Safe procedures taught in our pharmacy may well be observed by every one in the handling of drugs in view of the fact that many lives are lost each year in home accidents due to errors in taking or giving medicines. Our nurses are taught:

If interrupted while reaching for a bottle of medicine, stop at once, for the hand that is arrested in its search will almost invariably take the wrong bottle. Reach again when the interruption is over and give undivided attention to the task of selection.

Never depend on the appearance of the container or its contents, but always read the label, not merely once, but TWICE — once before taking out the dose and once before replacing the container on the shelf. Form the habit of keeping hold of the bottle when replacing it until you have again read the label.

IT'S MEDICINE TIME



Most of the medicines ordinarily prescribed for patients are dispensed at uniform intervals from special trays fitted with circular openings into which individual glasses are set. A guide sheet placed at one side of the tray shows the position on the tray of the medicine for each patient, designated by room or bed number. This guide sheet is marked off in spaces corresponding to those on the tray and the nurse fills in each space as she assembles each medicine order in turn, thus avoiding possibility of error. Miss Viola Evans, senior student nurse, is shown in the picture holding a medicine tray. She is standing beside a medicine cabinet such as is located on each floor.

NURSING STAFF NOTES

Sandwich sales are being held occasionally by the Y.W.C.A. of our School of Nursing to raise money to send a delegate to the national student conference at Lake Geneva in June.

The School of Nursing committee of the Woman's Board have had new indirect lighting fixtures installed in the library at Sprague Home at a cost of \$50.

The annual senior class dance was given at the West Side Woman's Club on the evening of Apr. 30.

The quilt made by night nurses on private duty was the means of raising \$150 for the fund to provide private nurses to care for nurses who become seriously ill. The quilt was awarded to Mrs. Marion H. Swanson of DuBois, Pa.

WM. GRAY HEAD OF OUR PHARMACY 31 YEARS NOTES CHANGES

Many New Medicines Used

Mr. William Gray, head of our pharmacy department, has held this position for 31 years. Mr. Malcolm Hutton, registered pharmacist, has been Mr. Gray's assistant for 22 years. Miss Nelle Crout, graduate of our School of Nursing (1928) is the other full time member of the pharmacy staff.

That Mr. Gray is recognized professionally as one of the leading pharmacists of the country is revealed by his frequent contributions to medical, hospital and pharmaceutical journals and the papers he has presented at professional meetings. He is an active member of the American Pharmaceutical Association and since 1915 has been one of 21 members of the recipe book of that association. He was an official delegate member of the United States Pharmacopoeial Convention in 1930 and previously. He is a member of the Society for the History of Pharmacy in both Germany and France.

Many New Medicines

Among the outstanding additions to the list of medicines during Mr. Gray's 31 years of service in our hospital are the vitamin preparations, liver extract preparations, various diagnostic reagents and the many new biological products such as vaccines and serums for the prevention and treatment of disease. Notable discoveries include insulin for diabetes, adrenal cortex used in Addison's disease and different kinds of hormones.

The present extensive use by the medical profession of proprietary medicines (preparations with copyrighted names) is an important change which has lessened the amount of mixing and measuring done by the hospital pharmacist. However, Mr. Gray says that he has seen innumerable preparations come and go in his day and many of these as well as some of the present day ready-made articles have not found a market in the Presbyterian Hospital, because identical and oftentimes superior preparations could be made in our own pharmacy from raw materials purchased at far less cost. Only those proprietary products approved by the Council on Pharmacy and Chemistry of the American Medical Association are used in our hospital. All of our pharmaceutical supplies are purchased in large quantities at wholesale prices direct from manufacturers.

Dr. C. B. Rose Resigns After 20 Years In X-Ray Department—Will Locate in Denver

Dr. Cassie Bell Rose completes 20 years of service in our X-ray department on May 12, and will leave soon thereafter for Denver, Colo. the home of her family. She has accepted the position of radiologist to the Porter Sanitarium and Hospital in Denver and the Boulder Sanitarium in Boulder, which are under the same management. As head of our X-ray department for the last 15 years, Dr. Rose has brought the department to a high state of efficiency, her professional ability and enthusiasm having been important factors in its growth from a small department with limited facilities to a department occupying a total of 13 rooms, with new equipment for biplane fluoroscopy, deep X-ray therapy and fever therapy as well as enlarged facilities for taking X-ray films.

The number of patients served by the department has grown from 7,747 in 1922 to 15,058 in 1936. Fluoroscopic work has increased greatly and in many instances has lessened the number of films required, thus reducing the cost to the patient. Notable advances have been made in the taking of films of the gall bladder, kidneys and other internal organs. Another new procedure is the injection of air into brain cavities or spinal cord in order to take X-ray films of these. Since 1924 the administration of radium therapy has been in charge of the X-ray department.

On Rush Faculty

Dr. Rose also has been at the head of the department of radiology of Rush Medical College of the University of Chicago, her title being associate clinical professor of surgery (radiology). She has studied X-ray developments in Europe, taking a course of lectures on this subject in Vienna; she also has attended many international X-ray conferences and while on the Continent visited X-ray laboratories and departments in hospitals. In 1934, Dr. Rose became a diplomate of the American Board of Radiology. She has been called upon frequently to address professional meetings and is the author of 13 articles on subjects pertaining to X-ray, published in professional journals.

She is scheduled to present a paper before the International Congress of Radiology in Chicago in September. Dr. Rose is a member of the Radiology Society of North America, American Roentgen Society, American Medical Association, Illinois and Chicago Medical Societies, Chicago Roentgen Society and Zonta Club of Chicago.

Successor Appointed

Dr. F. H. Squire, who has been medical assistant in the department since 1929, will take Dr. Rose's place as head of the department. Dr. Squire received his M.D. degree from the University of

Iowa School of Medicine and, just prior to joining our staff, he completed a three-year fellowship in radiology at the Mayo clinic in Rochester. Dr. Rex Wilson, who holds the fellowship in radiology established last year in our hospital, will be the medical assistant.

BIRTHDAY OBSERVANCE

On April 1, the 34th birthday anniversary of the Presbyterian Hospital School of Nursing was observed by a birthday dinner at Sprague Home, arranged by Miss Emma B. Aylward, matron. In earlier years the school's birthday was celebrated with an evening frolic at which guests wore fancy costumes representing the age of the school, but now that the staid thirties have been reached the observance has taken the form of a special dinner with music or other attractions to make the day different.

ATTEND INSTITUTE

Our School of Nursing and hospital nursing staff were well represented at the nurses' institute held at St. Luke's and Michael Reese Hospitals, April 1 and 2, under the auspices of the private duty section of the First District, Illinois State Nurses' Association. Medical men outstanding in their respective fields discussed recent advances in medical science as related to nursing technique. Miss Millie Brown, private duty nurse in our hospital, was on the committee that arranged the institute which was attended by several hundred nurses from Cook, Lake and DuPage counties.

DISTINGUISHED VISITORS

Mr. Balcombe Griffiths, architect, of Melbourne, Australia, was a recent visitor at our hospital.

Dr. Olaf Lippmann, of the Engineering Technological Institute of Copenhagen, Denmark, visited our hospital recently to study the equipment and engineering set-up of our operating rooms and methods of inhalation anesthesia.

Dr. Louis McRae completed his service as intern on April 1, and Dr. Paul Goodman was added to the house staff as an intern.

MEDICAL STAFF NEWS

Dr. Clark W. Finnerud is director of the committee on the scientific exhibit of the Section on Dermatology and Syphilology of the American Medical Association which meets in Atlantic City in June. Dr. Peter Bassoe is chairman of the exhibit for the Section on Nervous and Mental Disease.

Members of our staff gave addresses at professional meetings during April as follows: Dr. Loren W. Avery, Chicago Neurological Society; Dr. Adrien Verbruggen, West Side Branch of Chicago Medical Society; Dr. W. J. Potts, Chicago Pediatric Society; Dr. Edwin M. Miller, Chicago Surgical Society; Dr. Wilber E. Post, South Chicago Branch of Chicago Medical Society; Dr. C. B. Rose, Chicago Roentgen Society; Dr. C. W. Finnerud, Loyola Pediatric Society; Dr. Harry Boysen, McLean County Medical Society.

Dr. W. O. Thompson addressed the Will-Grundy County Medical Society on Mar. 31. Dr. Leo K. Campbell was guest speaker at a meeting of the Woman's Auxiliary of Rock Island County, Apr. 21.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

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Telephone: Seeley 7171

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THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

June, 1937

No. 99

PHYSICAL THERAPY UTILIZES MANY NEW DEVICES

Facilities Are Now Available as Aids to Medicine and Surgery

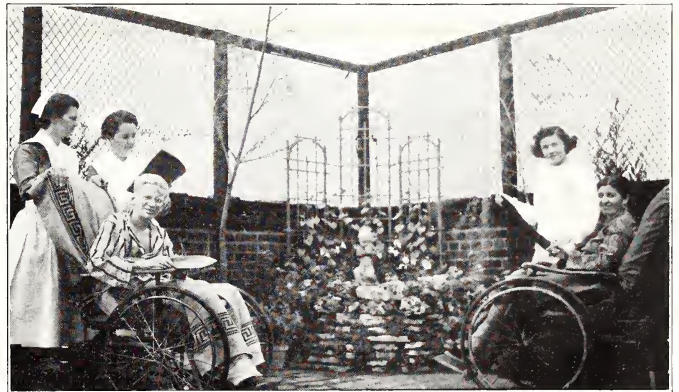
By DISRAELI W. KOBAK, M.D.

The old concept that a hospital has the principal mission of caring for the acutely ill and therefore has only to provide medical and surgical aid has undergone a radical change. One reason for this is that a general hospital managed on modern lines must extend its scope to include virtually the entire field of medicine. With the possible exception of contagious and mental diseases, the general hospital today is obligated to afford cure or at least amelioration to patients suffering also from subacute or chronic ailments, the public having learned to expect such benefits from a highly trained medical and surgical staff.

One need only think of the frequency with which one encounters slowly progressing but crippling processes of the human body to realize that neither medicines nor surgical procedures can always be expected to produce the necessary structural changes, and that in very many instances resort must be had to mechanical and certain natural measures which by experience have proved to be effective either by enhancing the results of medical or surgical treatment or by inherently aiding in the restoration of certain inflammatory or degenerative affections.

The truth of this was keenly appreciated by the management when hydrotherapy was introduced as a facility of the Presbyterian Hospital at the time of completion of the Private Pavilion wing in 1908. The late Dr. Frank Billings was one of the first among our staff men to make use of this form of treatment. Since then agents other than water applied for medical purposes have been added gradually to what today is a special Physical Therapy department with ample equipment for all possible needs.

(Continued on Page 3)



PATIENTS ENJOY SUN ROOF

This picture shows two patients enjoying the sunshine and the beauties of our sun roof rock garden and fountain. Small evergreen and willow trees set in tubs, rosebushes, blooming plants and vines make the roof an attractive part of our hospital. A separate section is used for heliotherapy (exposure to sunlight) under the direction of the Physical Therapy department. In the above picture, Edward Boyd (left) is sandpapering a boat. Mrs. Shabaz (wheel chair at right) is happily winding yarn while Miss Ibb Tennant, a volunteer worker, holds the skein. Miss Cooper and Miss Province, student nurses are looking at an Occupational Therapy notebook. Articles about the Occupational Therapy department appear on page 2.

Chicago Presbytery Meets as Guests of the Hospital on June 14th—Will Hear Reports

The Chicago Presbytery, representing 112 Presbyterian Churches, will hold a stated meeting in our hospital chapel on June 14, beginning at 10:00 A.M. Ministers and others in attendance will be guests of the hospital at lunch. Principal features of the program will be the presentation of annual reports of the Presbyterian Home in Evanston and the Presbyterian Hospital of the City of Chicago. Dr. Allyn R. Hickman, D.D., pastor of the Third Presbyterian Church, Ashland and Ogden Avenues, is the moderator. Dr. Andrew Zenos, D.D., is stated clerk. Dr. Robert H. Elliott, representative of the Board of Christian Education in the Chicago Presbytery, also will participate in the meeting.

OCCUPATIONAL ACTIVITY PROVES BENEFICIAL TO PATIENTS

By WINIFRED BRAINERD

As far as is known, the first mention in literature of the value of activity was made by Galen when he said that employment is Nature's best physician and is essential for human happiness. The World War gave a great impetus to Occupational Therapy and it was at this time that the term was coined. A pioneer in the field of Occupational Therapy was Miss Susan Tracy, of Boston, and it was under her direction and with the financial backing of the Woman's Board and particularly of Miss Helen V. Drake that our Occupational Therapy department was started in the Presbyterian Hospital in 1917. Ours was the second hospital in Chicago to inaugurate this work.

Occupational Therapy differs from all other forms of treatment in that the patient is the doer -- he treats himself, so to speak, while in other therapies something is done to him. This form of therapy is prescribed by the doctors just as is any medication or any other form of treatment. The patient does not do something because he thinks it would be pleasant diversion but he engages in a purposeful activity because his doctor believes that it would contribute to his recovery. Sometimes it takes days and even weeks of skillful endeavor to get a patient to show any signs of interest in anything except his physical condition, but when he does capitulate he wonders why he didn't do so sooner. In many cases the work done contributes to muscle re-education or to an interest that becomes a hobby when the patient leaves the hospital.

The first workshop was on the top floor of the Murdoch building in the space now occupied by Fever Therapy. These quarters were outgrown and the department was moved to the eighth floor of the Jones building. Here a sunny work shop with many windows and a large open roof furnish almost ideal quarters. The patients often speak about the restfulness of the place and its friendly informality which is a happy relief from the necessary discipline of the hospital floors. Every few weeks through the generosity of a good friend a party is given in the workshop. It might seem strange to the uninitiated to drink coffee and eat coffee-cake at ten-thirty in the morning, but so far no ill results have been reported. Our player piano, radio, victrola and motion picture projector provide many happy interludes. At least two of the older patients saw their first motion pictures in our work shop.

ARTIFICIAL SUNLIGHT



The patient in this picture is all set to get the benefit of artificial sunlight as produced by the ultraviolet generator. Both patient and technician wear amber-colored goggles to protect their eyes against the brilliant actinic rays which rival Old Sol himself in his best moments, either as a means of generalized toning up or as a form of localized treatment.

The roof garden deserves special mention. Three years ago Mr. and Mrs. J. Hall Taylor gave a small rock garden to the department. It wasn't a case of the gift without the giver, for they built the garden with their own hands. In the center of the pool sits a jolly Pan and the music of the water as it falls from his hands has soothed and refreshed more than one tired soul. Last month under the supervision of Miss Lillic Kohler, of Sheboygan, Wis., the roof was landscaped in a modest way and the transformation wrought by Miss Kohler has brought warm expressions of appreciation from all who have seen it. A portable outdoor fireplace is another attraction found on our sun roof.

The crafts used in Occupational Therapy vary with the seasons, the interests of the patients and the styles of the times. Knitting, crocheting, leather work, and elephants and scotties made from plaid gingham are among the most popular at the present time. Our Occupational Therapy shop affords equipment for a

THREE TRAINED WORKERS IN OCCUPATIONAL DEPARTMENT

Our Occupational Therapy department has a full time employed staff of three persons, especially trained for this type of work. Miss Winifred Brainerd, director of the department has held this position since August, 1918. Assistants are Miss Carrie Stoner and Miss Mary Tully. All three are registered Occupational Therapists, members of the American Occupational Therapy Association and the Illinois Society of Occupational Therapists. Miss Stoner and Miss Tully joined our hospital personnel two years ago, their previous experience having been obtained in the Veterans' Bureau Hospitals at Hines and at Phoenix, Ariz.

Mrs. Philip Hand has been a faithful volunteer in the Occupational Therapy department for the past two years. Miss Helen McNair is chairman of a volunteer group now being organized to serve in the fall.

great variety of crafts and activities. Here are saws, sanding machines, buffer and grinder, forge, woodworking benches and vises for making various articles; printing press, letter presses, pantograph, hektograph and typewriters; portable electric and stationary sewing machines, four looms for rug weaving and miscellaneous tools for various crafts. Photography is of absorbing interest to many patients. The latest piece of equipment is a compound microscope. The frontiers of science have not been advanced by the use of this microscope, but the discovery of a little organism paddling about in a drop of hay infusion has been greeted more than once with all the excitement a scientific discovery could possibly call forth.

Activity suited to the physical limitations of bed patients includes many crafts and often special equipment is devised so that patients who cannot go to the shop and who must remain in a certain position may engage in a desirable activity.

The Occupational Therapy department which was sponsored by the Woman's Board in its inception has remained one of the major interests of the board. Mrs. L. Hamilton McCormick is chairman of the Occupational Therapy committee, Mrs. J. Hall Taylor, vice-chairman; and Mrs. Wilton B. Martin, treasurer. Other members of the committee are: Mrs. Elven J. Berkheiser, Miss Lucibel Dunham, Mrs. Earle B. Fowler, Mrs. David W. Graham, Mrs. Henry C. Hackney, Mrs. Ernest E. Irons, Mrs. B. McPherson Linnell, Mrs. George R. Nichols, Mrs. Woodruff J. Parker and Mrs. William B. ReQua.

PHYSICAL THERAPY

(Continued from Page 1)

In reviewing these facilities it may be of interest to point out that our hospital is in a position to afford patients the benefits of such therapeutic procedures as artificial heat both for superficial and depth effects, light in its various manifestations, and electrical energies for the stimulation of nerves and muscles and other purposes. The department affords manual treatment to correct weakened or defective functions and technically improved hyriatic (water) procedures which accomplish much good in cases where these are desirable. Under the general grouping of manual treatment, we include a scientifically developed system of massage, active and passive exercises especially of afflicted extremities and, last but not least, reconstructive methods commonly spoken of as Occupational Therapy.

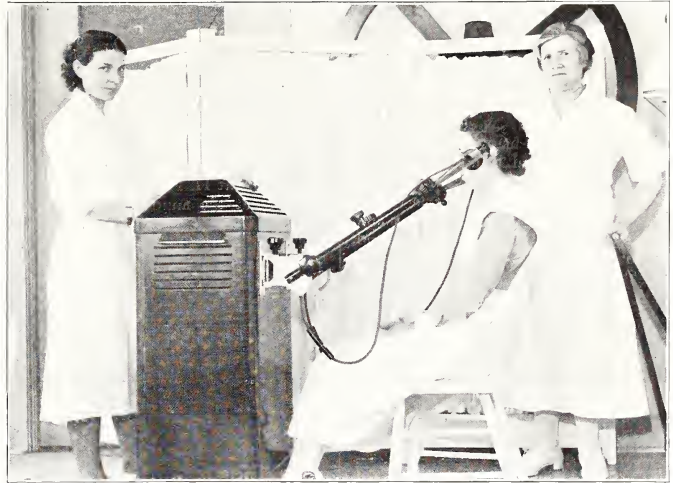
Bedside Treatment Available

While the above mentioned methods by no means exhaust the actual ones in use, sufficient has been said to convey a fair idea of the scope and usefulness of our Physical Therapy department, which is located on the eighth floor of the hospital building and occupies sufficient space for the needs of all patients who can go or be transported to the department. Attention is invited to the fact that the department is equipped and prepared to convey most of its facilities to the bedside, so that patients unable for some reason or other to leave their bed or to be moved about, are not deprived of the benefits of physical therapy. Accordingly, patients who are convalescing from disabling diseases or injuries, especially fractures and the like, are afforded such physical measures as are known to hasten curative processes and are thereby enabled more rapidly to overcome their handicaps.

Electrical Devices Are Efficient

It is here impossible to convey an adequate idea of the benefits of Physical Therapy, and we must remain content with the presentation of a few facts of general interest. Taking up heat as a remedial agent, modern devices facilitate the heating of part or even of the entire body not only by influencing its surface but by penetrating to a depth heretofore unattainable by the usual appliances. A great advance in this form of therapy has been made through the introduction of so-called ultrahigh frequencies, popularly referred to as short wave diathermy, because with this agency properly applied it is within our power to convey heat within physiologic limits to any part of the body, the interesting feature of it being that even bones can be subjected to the influence of the heat wherever this may be necessary. Technically this type

SHORT WAVE DIATHERMY PRODUCES HEAT



It looks like a radio and is operated in the same way but it produces heat rather than noise. The patient in the picture is receiving for sinus infection a treatment utilizing 6 meter short waves which on passing into the body are transformed into heat. This in turn stimulates the circulation and produces beneficial therapeutic effects. Different attachments are used for treating different parts of the body. Miss Verona Hardy, our Physical Therapy technician, is shown operating the machine. Mrs. Elsa Anderson, masseuse and hydrotherapist, is shown at the right.

of electrical current can be applied by so-called condenser electrodes, which in contrast to the galvanic or faradic current are held at some distance from the body; that is to say, immediate contact with the skin is avoided by placing some insulating material between the skin and the electrodes.

Sunshine Is Generated

It is hardly necessary at the present time to point out the great value of natural sunshine. An open air solarium has been established on the roof adjacent to the Physical Therapy indoor quarters. There are many conditions in which heliotherapy (exposure to natural sunlight) have proved of immense value. Our sun roof affords patients an opportunity to obtain the full benefit of open air and sunshine. Ultraviolet generators provide artificial sunshine when natural sunlight is not available. These generators produce the well known tonic effects of the actinic rays of the sun to an extent as close as human ingenuity can reach.

The department is fully cognizant of the beneficial effects of purposive occupational efforts by handicapped individuals while they are patients in the hospital. It should be understood that this form of therapy is more than a means of whiling away the time or even of affording

mental diversion, for each and every form of active effort is selected to suit an existing condition, irrespective of the patient's normal occupation or profession. The patients themselves gladly cooperate even in unaccustomed efforts because they soon realize the effects on their particular deformities or disabilities — effects that eventually bring about both structural and functional improvement, often followed by recovery.

Values Are Recognized

Physical Therapy is by no means a new method of treatment. In past times, many of its procedures were employed through dependence on trial and error methods. However, as the sciences and industries have advanced, suitable mechanical and electrical apparatus has been provided which permit intelligently measurable application. Thus Physical Therapy has generally come to be recognized as a valuable adjunct to medicinal and surgical management of disease. This is shown by the almost universal resort to the measures we have discussed which have been found valuable in many cases of intractable arthritis, myositis and even certain types of chronic infection. Therefore, a modern institution for the care of the sick must have an adequately equipped Physical Therapy department.

MEDICAL SUPERVISION ESSENTIAL IN USING THERAPEUTIC DEVICES

With the placing on the market of numerous devices such as the so-called sun lamps, diathermy devices and other electrical apparatus, many persons undertake to treat themselves without medical advice, while many who are not qualified by medical training set themselves up as specialists in various forms of Physical Therapy. Much harm results from the ill advised use of apparatus and in many instances physical exercises and manipulation cause injury rather than benefit if undertaken without adequate clinical diagnosis and medical supervision.

The Physical Therapy department in the Presbyterian Hospital is under the direction of a medically trained physical therapist, to whom patients are referred by their attending doctors. Dr. Disraeli W. Kobak, who has been in charge of this department for ten years, is known internationally as a physical therapist. He is editor of *The Archives of Physical Therapy, X-ray and Radium*. He recently received the decoration of a Knight Commander of the Royal Order of St. George, awarded by Belgium for his research and writings in Physical Therapy. This order was created in 1390 as royal order of merit and has been headed by men of highest European nobility throughout the centuries. Three years ago Dr. Kobak received the Officer d'Academie, a French decoration. Dr. Kobak is assistant clinical professor of medicine (physiotherapy) on the faculty of Rush Medical College of the University of Chicago.

Miss Verona Hardy, who administers the electrotherapy treatments utilizing short wave diathermy, ultraviolet ray and infrared facilities, is a physical therapy technician graduate of the University of Wisconsin. She joined our staff last November. Mrs. Elsa Anderson who gives the special massage and hydrotherapy treatments is a graduate masseuse and physical therapy technician, who has had training in both Sweden and this country. She has been on the staff of the department for two years.

In addition to the facilities described elsewhere, the Physical Therapy department is equipped with a specially constructed walker or "rolling crutch" which helps patients regain the use of legs that have been inactive for long periods because of fracture or disease; knee and leg exerciser similar to a bicycle; wooden wheel apparatus for shoulder and arm motion; a rowing machine for back and abdominal muscle activity; and a portable exerciser for use by bed patients to maintain leg and foot tone.

MEDICAL STAFF NEWS

Dr. Bert I. Beverly addressed the Scott County Medical Society at Davenport, Ia., May 6.

Dr. Thomas D. Allen is the newly elected president of the Chicago Ophthalmological Society.

Dr. Wilber E. Post was the guest speaker at the May meeting of North-west Branch of the Chicago Medical Society. His topic was "Nephrosis and Nephrotic Edema."

Dr. Robert H. Herbst was one of the speakers at the annual meeting of the Chicago Urological Society, May 27.

Dr. Willard O. Thompson and Dr. Norris J. Heckel presented a paper at the Illinois State Medical Society convention in Peoria, May 19, on "The Treatment of Hypo-genitalism with an Anterior Pituitary-like Hormone."

As this number of our Bulletin goes to press, Dr. Ralph C. Brown is in Atlantic City, attending the annual convention of the American Gastro-entological Society in session, June 6-8. Dr. Brown is vice-president of the society. Professional groups recently addressed by Dr. Brown included the Academy of Medicine at Milwaukee, Knox County Medical Society at Galesburg and a branch of the Iowa Medical Society at Fort Dodge.

AT A. H. A. MEETINGS

Mr. Asa Bacon, superintendent of the Presbyterian Hospital, spent several days in New York City recently attending meetings of the American Hospital Association Committee on Membership Structure and Association Relations, and the A. H. A. Council on Community Relations and Administrative Practice.

BENEFIT CARD PARTY

Sprague Home was the scene on April 6 of the annual benefit card party sponsored by the School of Nursing Committee of the Woman's Board to raise funds for musical and other student activities. Cards were played from 2:00 to 4:00 P.M., after which the Florence Nightingale chorus sang a group of numbers under the direction of Mr. Robert Birch. Refreshments and awarding of a fine array of prizes concluded the program. Mrs. Alva A. Knight is chairman of the School of Nursing committee.

The party was the most successful of the three thus far given by the committee, this year's proceeds amounting to \$415.

The benefit dance given in April by private duty nurses added \$160 to the fund which this group has started for the purpose of providing special nurses to care for nurses who themselves require such care in time of serious illness. The fund now totals \$370.

HOLD OPERATIVE CLINIC

Members of the Chicago Surgical Society, of which Dr. Albert H. Montgomery is president, were guests of our surgical staff at an operative clinic held in the Presbyterian Hospital, Friday, May 7, from 8:30 A.M. to 12:15 P.M. At the dinner meeting of the society held that evening at the University Club, two staff men were speakers. Dr. Frank V. Theis discussed "Popliteal Aneurysm as a Cause of Peripheral Circulatory Disease." Dr. John M. Dorsey spoke on the topic, "Bronchiectasis with Chronic Abscess Treatment by Patial Cautery Lobectomy."

TALKS ON RADIO

Dr. Frank V. Theis gave a talk on WAAF, May 28, under the auspices of the educational committee of the Illinois State Medical Society. His topic was "Poor Circulation." Dr. Theis is in charge of the Vascular Therapy department in our hospital, which was featured in the April number of our Bulletin.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

1753 W. CONGRESS STREET CHICAGO, ILLINOIS
Telephone: Seeley 7171

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THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

July, 1937

No. 100

HOSPITAL KEEPS RECORDS OF ALL PATIENTS IN PERMANENT FILES

Involves Much Detail Work

From the time the admission slip is filled in by the Room Clerk until the discharge slip is handed in at the cashier's window, everything that happens to a patient in our hospital and everything that has been learned concerning his past history and his current condition, physically and medically, is recorded in detail. Following his discharge this record is sent to the Record Room, where it is classified, catalogued and placed in a permanent file.

While the patient is in the hospital his records as compiled on individual forms from day to day is kept in a loose leaf binder and constitutes what is known as the patient's "chart," which is kept in a special desk on the floor on which the patient's room or ward is located. Following the patient's discharge from the hospital the chart is sent to the Record Room. Meanwhile, the Record Room

(Continued on Page 2, Col. 1)

From No. 1 to No. 331,032

In an old register locked away in the hospital safe is found the meager history of the eight-day stay of Patient No. 1 in the Presbyterian Hospital, admitted on August 20, 1884. Admission slips for June 30, 1937 show that the last patient admitted on that date was No. 331,032. Beginning with the brief data kept in that treasured first record book, continuing through other books in which patients' histories gradually enlarged in scope and detail, and on down through the comprehensive records kept in filing folders since 1904, our hospital has on file as a permanent record medical and related data about every patient admitted from No. 1 to No. 331,032.

PATIENTS' RECORDS ARE INVALUABLE TO THEM IN VARIOUS WAYS

Data Held Confidential

Not long ago the Presbyterian Hospital Record Room received a long distance telephone call from the county clerk in a nearby city, who stated that a young man who was applying for a marriage license had referred him to the hospital for proof that he was 21 years old. He had been a patient in the hospital a year previously and the county clerk wanted to know if our record of his age at that time substantiated the young man's claims as to his present age. The information was quickly looked up while the county clerk held the wire, the young man's age was verified and presumably the license was issued without further delay.

This is but one rather interesting example of how hospital records of patients often prove a great convenience and benefit to them in one way or another, and also shows how important it is for the

(Continued on Page 3, Col. 3)

RUSH GRADUATES NUMBER 173

At the University of Chicago convocation on June 11, Doctor of Medicine degrees were awarded to 173 graduates of Rush Medical College. Of these, 75 had completed their internship of one year or more. Beginning this year the plan of awarding M. D. degrees on completion of the four-year medical course was inaugurated. In most states a year's internship in an approved hospital is required in order to obtain a license to practice medicine. The pre-medical course is three years, hence doctors must devote at least eight years to study before they can practice medicine.

RECORD ROOM IS BUSY CENTER OF ACTIVITY

Classifying, indexing, cataloguing and filing an average of 1000 Patients' Records per month requires full time services of five trained workers and part time service of a sixth. In the picture, left to right: Miss Gertrude Higgs, who catalogs the Disease Index; Miss Marge Clay, pausing to answer the telephone while making entries in the Patients' Register; Miss Lois Baker, head Record Librarian; Miss Mary Baker, who catalogues the Surgical Index; Miss Beatrice King, whose time is devoted mainly to filing.



HOSPITAL KEEPS RECORDS

(Continued from Page 1, Col. 1)

has received from the Room Clerk the patient's admission slip. Each morning all admission slips for the preceding day are sent to the Record Room. Admissions are then entered in three different books, after which the admission slips are placed in a temporary file where they remain during the patient's stay in the hospital.

The Patients' Register

The first book in which information from an admission slip is recorded is a large one, known as the "Register of Patients."

Information written in this book consists of name of patient, date and hour of admission, age and sex, whether single, married or widowed, name of attending physician, number of room or ward, and whether home, private or dispensary patient. After patient is discharged, date of discharge completes the record kept in this book. Admissions are entered in numerical order, according to the number written on each admission slip. This numbering started with the first admission to our hospital on August 20, 1884. Hence, the number 331,032 on the last admission slip for June 30, 1937 means that Patient No. 331,032 was admitted to the hospital at that time. Supplementing the Register of Patients is the ready-reference Alphabetical Index book in which names of patients are entered in alphabetical order, with room or ward number and registration number.

Listed Under Doctor's Name

The third book in which each admission is recorded is the Doctors' Register. This book is made up of loose leaf sheets each of which has at its top the name of a member of the medical or surgical staff. These sheets are arranged in the book in alphabetical order and on each sheet are recorded the names of those admitted as patients of the doctor whose name heads the sheet, together with patient's room or ward number and registration number. If a patient is transferred to the care of a different doctor, a slip denoting this is sent to the Record Room and proper entries are made in the Doctors' Register. Such transfers also are recorded in the Patients' Register. Room or ward transfers of patients also are reported to the Record Room and are entered in all three books.

If the admission slip shows that a patient has been in the hospital previously, his former history or histories are taken from the permanent files and sent to the floor on which his room or ward is situated. These are kept in the desk of the charge nurse for the duration of the patients' stay and are available to the attending doctor when desired. Reference to the permanent card index of patients

Our First Patient

If he is still living the first patient admitted to the Presbyterian Hospital on August 20, 1884, is now 70 years old. He was Ulmer Parks, age 17, of Florence, Wis. The 2-page history of his 8-day stay in the hospital reveals that he had been practically blind since birth and that a successful operation was performed by Dr. Edward L. Holmes, noted pioneer in the field of eye surgery. The patient's hospital bill for the eight days was \$10.00.

reveals the registration number of the preceding admission, which indicates where the former history is to be found in the files. If a previous admission has taken place within the preceding three years, the patient's history will be found in one of the large filing drawers which line the walls on three sides of the Record Room. If the previous admission dates back more than three years, the record will be found in one of the filing cases which occupy two good-sized rooms and other space in the basement. Records are filed numerically according to the registration numbers of patients and all former records are filed together under the registration number of the latest admission.

When Chart Reaches Record Room

When the patient's chart reaches the Record Room immediately following his discharge, it is checked over and if diagnosis or other data is incomplete it is returned to the attending doctor or his intern for completion. When completed it comes back to the Record Room, where the diagnosis is catalogued in the Disease Index and, if there was an operation or other surgical procedures, in the Surgical Index. How these indices aid in medical research and study is described in a separate article.

If a person has been a patient prior to his current visit, the original name card is removed from the permanent index file and a brief record of his latest visit is entered thereon. If the patient has been in the hospital several times, it may be necessary to add a new card to the original card or cards already filled with data after which the cards are fastened together. An original card is made for all new patients. Information written on the name card includes dates of admission and discharge, name of doctor, name of disease or injury for which patient was treated, name of operation, if any, and results.

Cards Tell Running History

In many instances the name cards in this index constitute a brief running his-

HOSPITAL BIRTH RECORDS OF GREAT VALUE TO MANY

Hospital birth records and those kept by the Out-Patient Obstetrical Department often are utilized as a proof of age or nationality in cases where parents find it inconvenient or difficult to obtain the desired information from among the records of hundreds of thousands of births on file at the city hall.

Recently, a young man came from another state by airplane to obtain from the Out-Patient Obstetrical Department a statement giving the date of his birth as shown in records on file there, because other available records gave an incorrect date and the U. S. Naval Academy for which he had won a scholarship was willing to accept our records as correct.

BABY FOOTPRINTS

In 1917, the Presbyterian Hospital was the first in the entire country to inaugurate the taking of footprints of all babies born in the hospital. Many hospitals now use this simple method of making an identifying record of each infant immediately following birth. In our hospital, these footprints made on a special kind of rubber stamp, are transferred to the infant's hospital chart as a permanent record and also on a birth certificate which is presented to parents.

tory of illnesses and operations through which an individual has gone over a period of years. Some of the most interesting of these histories, told briefly in the card index, are those of persons who were born in our hospital, came in for a tonsillectomy or other minor operation in childhood; were medical patients for pneumonia or other illness later on and still later came in for an appendectomy or other major operation. In not a few instances a maternity patient has been admitted, who was herself born in our hospital. Family names appear repeatedly in our permanent card file, often revealing that our hospital has cared for members of the same family even into the third and fourth generations, to say nothing of brothers and sisters, husband and wife and persons bearing other relationships to each other.

To the patient's history chart as compiled on the floor during his stay in the hospital and completed by doctor or intern following the patient's discharge, are attached the admission slip and the ledger sheet from the cashier's office. The final procedure consists of inclosing the history in a filing folder on which is written the patient's registration number, after which this folder is placed in proper numerical sequence in the files. Former histories, if any, are filed in the same folder, previous registration number being catalogued on the folder.

PATIENTS' CHART IS A USEFUL DETAILED RECORD

Doctors, Interns, Nurses and Others Have Part in Compiling Data

Doctors, interns, nurses and personnel in different departments have a part in supplying and recording the data that makes up the record that is commonly referred to as the patient's "history chart." This chart is a loose-leaf binder in which may be placed as many record sheets and forms of various kinds as may be required for recording everything that is learned about the patient's past and current physical, medical and surgical history; the diagnosis of his present condition; the medical, surgical and nursing procedures carried out and the results obtained. No person is allowed to see the chart other than the nurses, interns and attending physicians or surgeons. No information contained in the chart is given out to the patient, a member of his family or any other person except by the attending doctor or on his authorization.

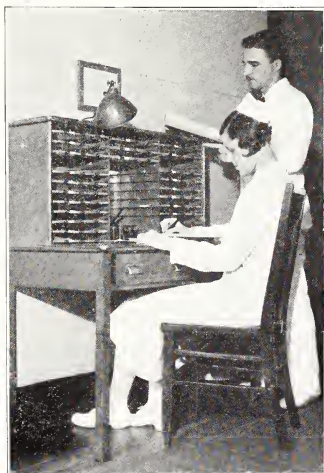
Starting the Chart

The first loose-leaf sheet which starts the patient's chart is headed "Nurse's Record." At its top is written the patient's name, date and hour of admission, room number or ward and bed number, names of attending doctor, intern, admitting nurse and special nurse (if any). The rest of the space on this sheet is used to record information about the care and condition of the patient throughout the ensuing days and nights, additional sheets being used as needed. On a separate sheet the patient's record of temperature, pulse and respiration is started immediately. If patient is in a ward a sheet headed "Clothes List" is filled in as a record of articles placed in lockers outside the ward. This sheet also has a receipt form for listing valuables, including jewelry or money sent to the cashier's office to be kept in the safety vault. The sheet headed "Standing Orders" is also among the first to be included in the chart. Other sheets added in more or less rapid sequence are the patient's past medical and surgical history and report of general physical examination supplied by the attending doctor or his intern; doctor's special orders as to diet, medicine and other procedures deemed necessary for the patient's welfare and comfort.

Many Forms Are Used

Other record forms which may be added are those containing laboratory reports, such as urinalysis, blood count, stool analysis and any other analyses that the doctor deems essential as aids in diagnosis. If there is a metabolism test, an electrocardiogram of heart action, X-ray

AT CHARTING DESK



Miss Helen Mahr, graduate nurse, is shown at "Charting" desk recording data in a patient's chart. Dr. William Fleming is looking over a chart.

films or fluoroscopy, or special tests or examinations of any kind, a report of the findings becomes a part of the patient's chart. If there is an operation, separate reports of surgeon and anesthetist are added to the patient's chart. If special treatments are prescribed by the attending doctor and given by the physical therapy, X-ray, radium or fever therapy departments detailed reports of these treatments, supplied by the head of the department, become a part of the chart. If occupational therapy is prescribed a report of activities in that department is supplied.

Minute Details Recorded

Much of the work of keeping the day-to-day records of patients is done by members of the nursing staff, who not only write the detailed record of the hour-by-hour care and condition of the patient, but also copy in the chart the doctor's orders for medicine, special diet, and specified nursing procedures, such orders being written originally on separate prescription blanks or other forms. Few patients realize the minute details that are recorded by the nurses in charge, and how this detailed record helps the doctor to understand the patient's condition more fully and proceed more wisely in determining medical, surgical or other procedures for the benefit of the patient.

RECORDS ARE INVALUABLE

(Continued from Page 1, Col. 3)

patient to give accurate information. However, had the information sought been of a medical or other confidential nature it would not have been released thus easily. Such information is given out only when a written authorization is signed by the patient, the doctor who attended him during his stay in the hospital, and the hospital superintendent. The only exceptions to this rule are made in cases of unusual emergency or when a record is ordered into a court of law by subpoena. The latter procedure is the only process by which an insurance company or other interested party can obtain access to a record without the written consent of the patient or that of his accredited representative. It also is the only circumstance under which the original record of a patient is permitted to be taken out of the hospital and then it is carried to court by our record librarian or one of her assistants, who remains there with it unless ordered by the Court to surrender it. In the latter event, she is given a receipt signed by the lawyer who is using it and is responsible for its return intact.

Many Requests Received

Properly authorized requests for information are numerous and include those from other hospitals, sometimes in distant cities, to which former patients of our hospital are admitted. In an emergency which prevents such a patient from signing an authorization in his own behalf, the desired information is sent to accredited hospital authorities on authorization of the superintendent of our hospital and the doctor. Other ways in which information transcribed from our hospital records often proves of value to patients is in the collection of health or accident insurance or of damages for injuries; in obtaining health or life insurance and positions which require information as to medical history of applicant; and in obtaining old age pensions through substantiating claims as to age, residence, physical condition, etc. Information from patients' records often is sought by social service agencies, public welfare and government officials and school authorities, but these requests, like all others, are subject to proper authorization as outlined above.

Use of standard disease Nomenclature (names and terms) in diagnoses and other recorded medical information concerning patients provides a record which any doctor anywhere can interpret if familiar with this Nomenclature, as are most doctors.

RECORD ROOM IS SOURCE OF MUCH DATA USED IN RESEARCH

In addition to the values accruing to the individual patient from his own adequately compiled and permanently filed hospital record (or "history," as it is termed in medical circles), he and other patients in our hospital and elsewhere are actual or potential beneficiaries of medical study and research which centers around our Record Department, due to the fact that ours is a teaching hospital affiliated closely with Rush Medical College of the University of Chicago, and approved by the American Medical Association for training of interns and resident doctors.

Indices Facilitate Study

To facilitate medical study and research by our own staff who are members of the faculty of Rush Medical College, our Record Room has a Medical Disease Index and an Index of Surgical Procedures in which are catalogued, under a standard classification code, key information from patients' records. Reference to these indices enables a person familiar with the code system to select the cards on which are recorded the dates and patients' registration numbers for all cases of any given disease or injury that have been treated in the hospital, or a given kind of surgical procedure, with diagnoses and results for each case. A definite procedure is followed in loaning patients' histories for study purposes and careful checking insures prompt return.

An interesting phase of the medical research which centers in our Record department are studies pursued by members of the intern and resident staffs in a room set aside for this purpose on the first floor of the hospital not far from the Record Room.

Involves Much Cataloging

One worker devotes full time to cataloging and recording information in the Medical Disease Index, the removal and subsequent re-filing of patients' histories that are loaned for study and research, and other detail work involved. An average of 1,000 histories per month are catalogued. Each history averages 3 to 4 diagnoses, which means 3,000 to 4,000 diagnoses, the cataloguing of which under main and related classifications involves the writing of from 9,000 to 16,000 terms each month. Each term recorded conforms with the standard international Nomenclature of diseases. Another worker devotes a part of her time to the work of cataloguing information in the Surgical Index. Surgical procedures recorded in our hospital last year numbered 12,542, including major and minor surgical operations, reducing

HOSPITAL STAFF MEN ADDRESS CONVENTIONS OF MEDICAL SOCIETIES

Several members of our Medical Staff were on the program at the annual convention of the American Medical Association in Atlantic City in June. Dr. Herman L. Kretschmer was re-elected treasurer of the association, an office which he has held for several years. Dr. Kretschmer and Dr. A. E. Kanter presented a paper before the section on urology, their topic being "Effect of Certain Gynecological Lesions on the Upper Urinary Tract."

Dr. Kellogg Speed was chairman of the special fracture exhibit. Dr. Dean L. Rider demonstrated "Compression Fracture of the Spine" as one of the features of the exhibit.

Dr. Clarence J. Lundy presented an exhibit of charts and motion pictures depicting "Mechanism and Electrocardiographic Registration of the Heart in Health and Disease."

Dr. Wilber E. Post and Dr. Willard I. Wood opened the discussion on a paper presented by Dr. E. C. Rosenow and Dr. F. R. Heilman of Rochester, Minn. The topic was "Newer Methods of Diagnosis and Specific Treatment of Systemic Streptococcus Infections."

Dr. N. Sproat Heaney gave a motion picture demonstration in connection with the scientific exhibit on obstetrics.

* * *

Other staff men who attended the A. M. A. convention included Dr. John M. Dorsey, Dr. Albert H. Montgomery and Dr. Frank V. Theis. Dr. Theis and Dr. Dorsey also attended the convention of the American Association of Thoracic Surgeons at Saranac Lake, N. Y. Dr. Montgomery, Dr. Speed, Dr. Theis and Dr. Dorsey attended the convention of the American Surgical Association in New York City.

* * *

Dr. Norris J. Heckel and Dr. W. O. Thompson presented a paper at the recent convention of the American Urological Association in Minneapolis. Dr. Robert H. Herbst, who is a past president of this association, attended the convention. Dr. Heckel read a paper before the Society for the Study of Internal Secretions, at a meeting in Atlantic City, June 7.

* * *

Dr. William H. Haines was elected a member of the American Psychiatric Association at its meeting held in Pittsburgh in May.

* * *

Dr. Carl W. Apfelbach gave an address at Green Bay, Wis., June 9, under the auspices of the Wisconsin State Board of Health.

* * *

Dr. Herman L. Kretschmer and Mr. William Gray, head pharmacist in our hospital, were speakers at the annual convention of the Catholic Hospital Association of North America and Canada held in Chicago in June.

of fractures, dressing of injuries and examinations and treatments of various kinds involving the use of operating room equipment. Both workers had three years training under the head librarian in our Record Room in order to qualify for the highly technical work of cataloguing in these indices.

CHICAGO PRESBYTERIAN HEARS REPORTS OF HOSPITAL WORK

Ninety ministers and others attended a meeting of the Chicago Presbytery in our chapel, June 14, and were guests of the hospital at luncheon. Those who told of the work of the hospital were: Mr. Asa S. Bacon, superintendent; Mr. John McKinlay, president of the Board of Managers; Dr. E. E. Irons and Dr. Carl Apfelbach of the Medical Staff; and Mrs. Clyde E. Shorey, president of the Woman's Board. Dr. E. N. Ware, D.D., hospital chaplain, also participated in the meeting. The report of the Presbyterian Home was presented by Dr. Douglas H. Cornell, D. D., of Glencoe, president of the board, and Mr. and Mrs. Morgan, who are in charge of the home.

ADDRESSES WOMAN'S BOARD

Dr. Ernest E. Irons, attending physician on our Medical Staff, was the speaker at the meeting of the Woman's Board in the hospital chapel, June 7. Dr. Irons described how cooperation between different departments and services in our hospital proves of benefit to patients. The Woman's Board will hold its next meeting on October 4.

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Florence Slown Hyde, Editor

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The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

August-September, 1937

Vol. 29, No. 3.

PATIENTS' ACCOUNTS ARE KEPT BY CASHIER'S OFFICE STAFF

Much Bookkeeping Required

Most patients or members of their families come in personal contact with the Cashier's office in our hospital, because it is here that patients' ledger accounts are kept and all payments on patients' accounts received. The varied tasks performed in this office require the services of four full-time workers, while a fifth worker divides her time between the Cashier's office and the Accounting department. Shifts are arranged so that one cashier and one bookkeeper are on duty during the busier hours of the day, one or two during the less busy hours, and one during the night.

The initial record on each patient's ledger sheet is made by the Room Clerk at the time of admission. This record consists of all necessary information about the patient and the person who is responsible for payment of the bill. The

(Continued on Page 3, Col. 2)

A Million Dollar Business

In 1936, the Presbyterian Hospital expended \$942,701.05 to carry on its services to the sick and injured, and maintain its School of Nursing. Income and outgo so far this year indicate that the total for 1937 will reach even closer to the million dollar figure. Many small banks do not handle a greater sum in the course of a year, and an industry that does a million dollars' worth of business in a year is regarded as sizable though not quite in the big business class. Handling this amount of money in the maintenance of a hospital caring for nearly 12,000 different bed patients and nearly 32,000 visits of ambulatory patients involves a vast amount of intricate detail work and the observance of definite procedures as to charges, collections, purchases and other expenditures. How this work is carried on in the departments responsible for various phases of it is described in this issue of our *Bulletin*.

SEVEN TONS OF ICE!

On many of the hot days this past summer, our hospital used no less than seven tons of ice in 24 hours in our water cooling system, in the new portable room coolers recently installed in operating rooms and elsewhere in the hospital, and in the form of crushed ice used for various purposes.

HOSPITAL EXECUTIVES OF U. S. AND CANADA HOLD INSTITUTE

Attend Demonstrations Here

Eighty-three hospital superintendents and other executives from different parts of the United States and Canada attended the Fifth Annual Institute for Hospital Administrators held in Chicago, Aug. 30 - Sept. 10, under the auspices of the American Hospital Association in cooperation with the University of Chicago, American Medical Association, American College of Surgeons and Chicago Hospital Association.

Dr. Malcolm T. MacEachern, associate director of the American College of Surgeons, Dr. G. Harvey Agnew of the Canadian Medical Association, Mr. Asa S. Bacon, superintendent of the Presbyterian Hospital of Chicago, and others conducted seminars and panel discussions.

Demonstrations were held in several departments of our hospital and at other Chicago hospitals.

CASHIERS AND BOOKKEEPERS ARE KEPT BUSY

These pictures taken in the Accounting and Cashier's offices show seven persons at work. They are, left to right: Miss Marjorie Rathjen, secretary and assistant bookkeeper in the Accounting Department; Miss Rose Schapiro, who has charge of the payroll and the vouchering and payment of invoices divisions; Miss Eleanor Stege, whose work as daily auditor includes use of the adding machine; Miss Alma Stein, cashier and bookkeeper on the late afternoon and evening shift; Miss Lillian Halpin, head cashier, who is writing a receipt for the man on the other side of the window. Miss Ruth Atkinson, shown at patients' ledger file, devotes most of her time to posting charges and credits; Willard Martin, night cashier and bookkeeper, operating the bookkeeping machine above which charge slips accumulated during the day are shown filed in pigeon holes.



ACCOUNTING TAKES FINANCIAL PULSE OF HOSPITAL

Careful Detail Work Reveals Costs and Safeguards Expenditures

Efficient accounting enables a hospital to ascertain accurately the cost of each service rendered in its various departments and reveals at all times the status of its income and expenses and the limits that must be observed in the amount of charity work and doubtful accounts in order to pay its bills and avoid going into debt. In other words the Accounting department registers the financial pulse of the hospital. Efficient accounting also discovers the leaks which may be plugged up to reduce expenses and through the observance of definite rules, keeps a careful check on every cent expended by the institution.

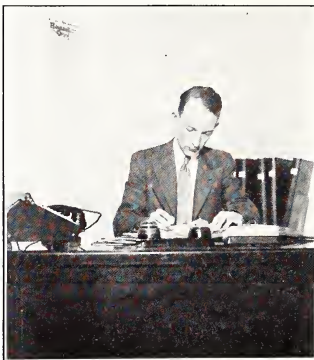
As explained in a separate article, the Cashier's office in our hospital takes care of patients' accounts and all cash received from patients, reporting totals to the Accounting department where cash collected is entered in the Cash Receipts book, while charges are entered in the Daily Journal. Receipts from all other sources are handled by the Accounting department. These include income from endowment funds, donations from churches and individuals, funds contributed for special purposes, etc. Much of this income is received in the form of checks and all of it, as in the case of currency and checks received by the Cashier's office, is deposited in the bank promptly.

Many Departmental Accounts

Other bookkeeping done in the Accounting department includes the crediting of income from patients to the various departments, the handling of all expenditures and charging these to the proper departments. All bills are paid by Voucher Checks, signed by the Superintendent of the hospital, the Accountant and a representative at the bank. The Voucher Register, in which checks are first recorded, has columns for 31 different departments and four undesignated columns for use as needed. Each department has separate income and expense accounts in the General Ledger to which postings are made in due time. For example, charges made to patients for X-ray pictures are credited to the X-ray income account, while expenditures for films, equipment, etc. are charged to the departmental expense account.

Expenditures for administration, general maintenance, heat, light and other general expenses are distributed to the

ACCOUNTANT



Mr. Frank C. Gabriel, who is in charge of our hospital Accounting department, has been a member of our administrative staff for eight years. Other administrative divisions under his supervision are: patients' accounts office, admission office, collections of accounts and financial arrangements with patients, statistical division, telephone switchboard, information department and medical records.

different departments annually on an equitable basis. Hence when a patient pays for an X-ray picture, he pays his share of every item of expense incurred in the upkeep of the X-ray department, including films, salaries of radiologist, technicians and other assistants, office supplies, etc. as well as a share of that department's quota of general hospital expense.

Charges Based on Costs

The Presbyterian Hospital is a non-profit institution which bases its charges as nearly as possible on actual costs. Whenever there is an increase in a charge for any hospital service, such increase is found necessary because of increased costs as shown by detailed records in the Accounting department. Because costs continue to increase there is less margin between income from patients and actual cost of services rendered than formerly existed, while income from endowments and contributions decreased during the depression years.

The books and accounts of our hospital are audited annually by Arthur Young and Company, nationally known certified public accountants.

A financial statement is rendered in summary each month to Board of Managers of the hospital and in detail to the officers of the board and the hospital Superintendent.

Checks Are Used to Meet Our Semi-Monthly Payroll Totaling \$26,000.

Taking care of a payroll for over 550 employees who receive a total of \$26,000 twice each month involves a great amount of bookkeeping in the Accounting department. However, this large payroll need not encourage a bandit to stage a hold-up on pay day, because all employees are paid by check while the payroll deposit remains safely ensconced in the coffers of the Northern Trust Company. Nor does the sum of \$72,000 paid to our employees each month in the form of checks represent the total amount of remuneration, as many also receive full maintenance provided by the hospital, while practically every employee receives some maintenance in the form of meals, etc.

Each department head keeps on a special payroll sheet a record of the time of each employe in his or her department. At the end of each pay period this sheet is signed and sent to the accounting department, where salary or wages due is computed on the basis of the rate of each individual's pay as shown on his employe's record card. All payroll checks are signed by the Superintendent or, in his absence, by the Assistant Superintendent.

Protected By Insurance

Another phase of hospital accounting and expense having to do with employes is our employer's accident insurance as required by the Illinois workmen's compensation law, and group insurance toward which both the hospital and employes contribute. Under our employes' group insurance plan, compensation starting on the eighth day of disability is paid in case of illness and for injuries sustained while not on duty. Compensation for injuries while on duty is covered by employer's accident insurance carried by the hospital. Compensation under our group insurance plan ranges from \$7.50 to \$15 per week according to the salary class of the employe. Life insurance also is provided ranging from \$500 to \$2,000 depending on the salary classification. For this protection, payments ranging from 80 cents to \$2 per month are deducted from salaries, the amount being determined by the size of each employe's salary. Since this plan was inaugurated in 1932, employes have received a total of \$15,500 covering 400 separate disability claims, while life insurance benefits totalling \$7,500 have been paid to beneficiaries of 13 employes who have died.

STRICT ECONOMY RESULT OF PURCHASING AND STORES SYSTEM

Keep Over 3,000 Items on Hand

Strict economy in both the purchase and use of all supplies and equipment required by our hospital is effected through our Purchasing and Stores department which observes definite procedure in the purchase and issuance of supplies. Purchase requisitions made out and signed by department heads must receive the approval signature of the Superintendent or the Assistant Superintendent before Purchase orders are made out by the Purchasing Agent. These orders are made in triplicate, the original being sent to the vendor from whom the purchase is to be made, the second copy kept in the files of the Purchasing Agent and the third copy sent to the department which requisitioned the articles.

Deliveries Are Checked

When the supplies are delivered by the vendor, the department head checks his copy of the Purchase order with the articles received and indicates on the order when all items have been delivered. This checked copy of the order is then sent to the Purchasing department which checks it against the vendor's invoice. When an invoice has been approved by the Purchasing Agent, it is sent to the Accounting department, which attends to payment of bills by Voucher check as explained in the article about that department. All bills on which there is a discount for cash are paid promptly and others are accumulated under the vendor's name and compared with the statement received from him the first of the month.

All supplies used regularly in the hospital are purchased in large quantities from those manufacturers or jobbers whose quotations are lowest for the quality of goods required. Special supplies and equipment also are purchased from the lowest bidder without sacrificing quality.

More Than 3,000 Items

Our Storeroom carries on hand regularly a supply of more than 3,000 different items, which the various departments obtain as needed by making out Stores Requisitions. These 3,000 items do not include drugs and other supplies used by the Pharmacy or food supplies for the Dietary department. The Chef makes out daily requisitions for food supplies, many of which are contracted for in large quantities to be delivered as needed.

STOREROOM STAFF



In this picture, taken in our hospital Storeroom, Mr. Nels S. Knutson, head of the Purchasing and Stores department, is seated at his desk. He has been a member of our staff for 22 years. Others shown are, left to right: Mr. Didace Aucoin, who divides his time between duties in the Storeroom and the Splint room; Mr. Kenneth Hickman, who was employed as Record Clerk during the vacation absence of Mr. William Nottleman, regular Record Clerk; Mr. John Debovovich, Storekeeper. Both Mr. Nottleman and the assistant Storekeeper, Mr. Michael Rohacek, were absent when the picture was taken.

PATIENTS' ACCOUNTS

(Continued from Page 1, Col. 1)

ledger sheet is sent to the cashier's office where it is placed in the patients' ledger file, all sheets being filed in ward or room numerical order. Charges for room or ward and for special services are posted to the patient's ledger daily. Special services include those rendered by different departments including X-ray, laboratory, electrocardiograph; fever, vascular and physical therapy; special nurses' board, telephone, special medicines, ambulance and so forth.

21,000 Postings Per Month

When a department renders a service to a patient, a charge slip is made out and sent promptly to the Cashier's Office. The number of charges posted to patients' ledgers has averaged 12,000 per month so far this year. This does not include the daily ward and room charges, which have averaged over 9,000 postings per month. Postings of pay-

ments on accounts are fewer in number as payments usually cover all charges for a week or, in the case of a patient whose stay here is shorter, charges for the period of hospitalization. Receipts for payments on account are written in duplicate, the original being given to the payer and the carbon copy kept as a permanent record from which postings are made to patients' ledgers, while the totals for each day are entered in the cash receipts book.

Bookkeeping Machine Saves Time

The vast amount of bookkeeping involved in taking care of patients' accounts would require a much larger staff without the aid of our bookkeeping machine which is used for all postings. This machine not only records the name of department or service, amount of charge or payment, and room or ward number, but also adds and subtracts, compiling totals, deducting credits and recording the amount of balance due. It also makes a duplicate copy of the patient's ledger record, this duplicate being used as an itemized statement, rendered weekly or available to hand to the patient whenever desired. This useful machine also compiles totals of all charges and cash receipts for the day. These figures are the basis of the daily summary compiled by the night bookkeeper. This summary shows total charges for services rendered in each department that day, total cash receipts and total amount of charity allowances for the day. Charge slips are made out for special services rendered to all patients, as department heads or others outside the cashier's office do not know who are free and who are pay patients and this provides the hospital management with a complete record of free work, the cost of which is paid by income from endowment and through other special funds. This amounted to \$183,299.50 last year.

As a further check on the figures compiled by the bookkeeping machine, adding machine tapes are run from charge slips and from the duplicates of receipts issued for payments received from patients. The daily summary of transactions with patients, after being proved in this manner, is sent to the Accounting department.

When a patient's account has been paid in full or provided for as a charity allowance, the ledger sheet is sent to the Record Room where it is filed as a part of the patient's hospital record. Accounts on which there is an unpaid balance are retained in files in the Cashier's office until payment is received.

GUARDIANS OF OUR HOSPITAL



Patients, nurses, hospital cash and valuables are safeguarded against bandits and prowlers by our 24-hour special police service. During the night one policeman is on duty inside the building, while a second officer patrols the area around the hospital and the Nurses' Home. In the picture, left to right, are: Andy Tranchita, Bill Tranchita, Dan Yucella and Paul Rupp.

CASH AND VALUABLES ARE SAFEGUARDED AGAINST BURGLARY DANGER

Special Precautions Taken

Despite the fact that a considerable amount of money is handled daily in our Cashier's office, possibility of hold-up or burglary is remote because of precautions taken as follows:

Cashier's office fully equipped with burglar alarm wiring; Cashier's window fitted with bullet-proof glass; other windows barred on outside and equipped on inside with bullet-proof mesh; only entrance has two doors, each fitted with bars and bullet-proof glass, and never opened without a policeman in attendance.

Burglar-proof hospital safe in which most of the cash on hand at any given time is kept, is located within a vault. Both vault and safe are equipped with combination locks, the combinations being known to only a few persons. In addition to hospital funds, money and valuables belonging to patients are kept in the burglar-proof safe within the vault.

Deposits are made in the bank promptly and when a deposit is to be made, the money is transported from the hospital safe to the bank, in charge of armed guards in an armored car, by the Brinks Express Company.

FORTY WILL RECEIVE NURSE DIPLOMAS OCT. 5

September 25 and 26 will mark the beginning of the 34th year of instruction in the Presbyterian Hospital School of Nursing. Graduation exercises for the class of 1937 will be held in the auditorium at Sprague Home on Oct. 5, at 3:00 P.M. The class numbers 40 young women. The address will be by Rev. W. Oliver Brackett, Ph.D., of Lake Forest. Baccalaureate services will be held in the hospital chapel on Sunday, Oct. 3, at 8:00 P.M. with Dr. John Timothy Stone, president of the Presbyterian Theological Seminary, as speaker. Mr. Asa S. Bacon, superintendent of the hospital will preside.

GO TO LONDON MEETING

Miss Florence Coon, assistant night superintendent of our hospital and supervisor of nursing, attended the International Council of Nursing in London, July 19-26, as the official delegate from the Alumnae Association of our School of Nursing. She sailed from New York, July 10, accompanied by Miss Francis Zoller, class of 1927. Following the convention they visited Norway and Sweden. Miss Harriet L. Forrest, assistant superintendent of nurses and supervisor of nursing, and Miss Ella M. Van Horn of the School of Nursing faculty, also attended the London meeting while on a vacation trip to Europe.

Delegates from all parts of the world numbered 3,500, of whom 362 were from the United States. Of 13 from Illinois, nine were from Chicago and four of these were from the Presbyterian Hospital.

SPECIAL POLICE, BURGLAR ALARM WIRING PROTECT OUR HOSPITAL, NURSES' HOME

Adequate protection for patients, nurses and other personnel, cash and valuables is provided by special policemen, sworn in and given full authority by the Chicago Police Department, but whose salaries are paid by our hospital. Shifts are arranged so that one policeman is on duty during day time hours and two on duty throughout the night. Supplementing this protection provided at the expense of the hospital, fullest co-operation is available at all times from the Warren Avenue station of the Chicago Police Department only a few blocks away.

As a further protection to residents of our Nurses' Home, fire escapes are equipped with burglar-alarm wiring and exits are constructed so that they can be opened only from the inside.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

1753 W. CONGRESS STREET CHICAGO, ILLINOIS
Telephone: Seeley 7171

OFFICERS and MANAGERS

JOHN MCKINLAY.....	President
HORACE W. ARMSTRONG.....	Vice-President
CHARLES B. GOOSPEED.....	Vice-President
SOLOMON A. SMITH.....	Treasurer
KINGMAN DOUGLASS.....	Secretary
FRED S. BOOTH.....	Asst. Secretary
A. J. WILSON.....	Asst. Secretary

Arthur G. Cable.....	Fred A. Poor
Alfred T. Carlton.....	Theodore A. Shaw
Robert B. Dick, Jr.....	Rev. John Timothy Stone, D.D.
John B. Drake.....	R. Douglas Stuart
James B. Forgan, Jr.....	Robert Stevenson
Albert D. Farwell.....	J. Hall Taylor
Alfred E. Hamill.....	John P. Welling
Charles H. Hamill.....	Edward F. Wilson
Edw. D. McDougal, Jr.....	

CLERICAL MANAGERS

Rev. Harrison Ray Anderson, D.D.
Rev. Harold L. Bowman, D.D.
Rev. Henry S. Brown, D.D.
Rev. W. Clyde Howard, D.D.

MEDICAL BOARD

VERNON C. DAVID, M.D.....	President
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WOMAN'S BOARD

MRS. CLYDE E. SHOREY.....	President
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ADMINISTRATION

ASA S. BACON.....	Superintendent
HERMAN HENSEL.....	Asst. Superintendent
M. HELENA MCMILLAN.....	Director, School of Nursing

THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

October, 1937

Vol. 29, No. 9

Class of 1937 of the Presbyterian Hospital School of Nursing



Ten states and one foreign country were represented in the 1937 class graduated by our School of Nursing, October 5.

In the picture:

First row, left to right — Barbara Brown, LaGrange, Ind.; Alida G. Spawn, Chester, S. Dak.; A. Virginia Orr, Calumet City, Ill.; Sarah Child, Toledo, Ia.; Jane Warner, Deerfield, Ill.; Irmgard E. Mahler (secretary-treasurer of class), LaPorte, Ind.; Harriet E. Boot (president of class), Amoy, China; Julia A. DenHerder, Zeeland, Mich.; Tena H. Havinga, Holland, Mich.; Dorothy Morris Larson, Logan, Ia.; Sallie Scott, Thorntown, Ind.

Second row, left to right — Miriam M. Fairbanks, Monticello, Ia.; Helenglen Kennedy, Culver, Ind.; Grace E. Koontz, Sreator, Ill.; Harriet Woods, Council Bluffs, Ia.; Dorothy E. Winans, Toulon, Ill.; Helen Hendrickson, Waukegan, Ill.; Helen E. Schwede, Chicago; Augusta Heneveld, Holland, Mich.; Erma A. Peterson, Alden, Ia.; Sylvia Thompson, Linton, N. Dak.; Irene Wilhelmena Schermerhorn, Ridge Farm, Ill.; Lucy J. DeYoung, Central Lake, Mich.; Laura Elizabeth Yendt, Serena, Ill.

Third row, left to right — L. Naidiene Kinney, Lancaster, Wis.; Evelyn Woekener, Berwyn, Ill.; Dorothy E. Yates, Savanna, Ill.; Mildred L. Schlekau, McIntosh, S. Dak.; Palma M. Juel, Canton, S. Dak.; June Carol Winegar, Oak Park, Ill.; Naomi R. Hoff, Hastings, Neb.; Viola N. Evans, Monte Vista, Colo.; Florence Schneider, Kentland, Ind.; Virginia S. Davis, Evanston, Ill.; Dixie Ruth Schmidt, Cissna Park, Ill.; Maxine E. McCormick, Chicago; Lois L. Stoddard, Chicago; Norene Kruger, Gratiot, Wis. Two members of the class, Rosemary Thompson of Waxahachie, Tex., and Dorothy I. Dickey of Frederick, S. Dak., were not present when the picture was taken.

Confer Diplomas on 1937 Class of Forty Graduates of Hospital School of Nursing

Exercises for the 1937 graduating class of the Presbyterian Hospital School of Nursing were held in the auditorium at Sprague Home for Nurses, Monday afternoon, October 5, at 3 o'clock. Mr. Horace W. Armstrong, vice-president of the Board of Managers of the hospital, presided and conferred the diplomas. An inspiring address was delivered by the Rev. W. Oliver Brackett, Ph.D., of Lake Forest. The invocation was by the Rev. Alwyn R. Hickman, D.D., pastor of the Third Presbyterian Church, and Moderator of the Chicago Presbytery. Madame Marie S. Zendt, guest soloist, sang beautifully two numbers: "To One Who Passed Whistling" by Gibbs, and "The Joy of Living" by Ware. The graduating class was presented by Miss M. Helena McMillan, director of the school. Mrs. Clyde E. Shorey, president of the Woman's Board, presented school pins to the graduates. The auditorium was filled with an audience of friends and relatives, many of whom came from a distance. At the conclusion of the program, guests and class adjourned to the school dining room for a social hour, during which they enjoyed coffee, sandwiches and other refreshments.

Baccalaureate Service

Dr. John Timothy Stone, D.D., president of the Presbyterian Theological Seminary, was the speaker at the baccalaureate service for the class of 1937, held in the hospital chapel, Sunday evening, October 3. Mr. Asa S. Bacon, superintendent of the hospital, presided. Special musical numbers were a piano prelude "Traumerie" by Schumann, furnished by Miss Lois C. Geerds, a member of the junior class, and a vocal number by a sextette composed of student nurses, "My Task" by Ashford. Rev. Wilson E. Donaldson, chaplain of Cook County Hospital gave the invocation and benediction.

Entertain Graduates

Members of the 1937 class were guests at an open meeting of the Alumnae Association on Tuesday evening, Sept. 28, on which occasion a buffet supper was served in the assembly room of Sprague Home.

The annual luncheon at which graduates were entertained by the Alumnae took place in the Wedgwood room at Field's, Friday, Oct. 1.

The annual Alumnae Association dinner-dance took place in the Continental room at the Stevens hotel, Wednesday evening, Oct. 6. Mrs. Marcella Kurtz, social chairman was in charge of arrangements for these events.

Officers of the Alumnae Association for this year are: Marie Harden, president; Esther Salzman, 1st vice-president; Letha Davis, 2nd vice-president; Margorie Keil, recording secretary; Evelyn Seegmiller, corresponding secretary; Mrs. Dorothy Ellis VanGorp, treasurer.

ALUMNAE FILL POSITIONS IN VARIETY OF FIELDS

Among Alumnae of our School of Nursing who hold executive positions or offices in nursing organizations are the following:

Helen W. Munson (1922), Associate Editor, American Journal of Nursing, New York. Mrs. Alma Ham Scott (1907), Headquarters Director, American Nurses' Association, New York.

Mabel M. Dunlap (1912), Treasurer, Illinois State Nurses' Association.

Dorothy Rogers (1921), Professor of Nursing Education, University of Chicago; President, Illinois League of Nursing Education.

Ruth Hansen (1922), Ethel Holbrook (1922), and Ruth Horn (1921), Board of Directors, First District, Illinois State Nurses' Association.

Air Stewardess

Transportation companies are now employing graduate nurses as train and air stewardesses. Ethleen Goodbrake (1934) holds such a position with the Transcontinental and Western Air Line, out of Kansas City.

Industrial Nursing

Alumnae who recently have taken positions in Chicago as industrial nurses include:

Mildred Ross (1934), Chicago and Northwestern Railroad.

Jennie Shank (1932), Federal Electric Company.

Mary Maughan (1932), Greenebaum, Lansing Company.

Ione Williams (1933), and Florence Cooper (1927), International Harvester Co.

Helen Johns (1932), R. R. Donnelly Sons Company.

Nursing Education

A number of our graduates hold important positions in the field of nursing education. Among those who have accepted new positions recently are:

Eula Butzerin (1914), Associate Professor of Nursing Education, University of Chicago, in charge of developing courses in Public Health Nursing. She had been in charge of a similar department at the University of Minnesota for some years.

Alice Spellman (1928), Medical Nursing Supervisor in Communicable Diseases, Russell Sage College School of Nursing, Albany, N. Y.

Public Health Nursing

Among Alumnae who have accepted public health nursing positions in recent months are: Carolyn Davis (1921), Assistant Supervisor of Physical Therapy Nurses, Visiting Nurse Association of Chicago.

Margaret Handlin (1914), and Irene Eby (1926), Division of Dental Health Education, Illinois State Department of Health.

Vera Roswell (1924), Dental Health Nurse, State Board of Health of Wisconsin.

Dorothea A. Jackson (1923), County Nurse, Socorro, N. M.

Emma M. Mattill (1921), School Nurse, Oklahoma City, Okla.

Guinevere Hubbard (1931), Boone County Nurse, Belvidere, Ill.

Gladys Heikens (1930), Red Cross Nurse, Henderson, Ky.

Other Alumnae News

Gladys Baldwin (1923) is head of the newly organized Health Service at Albany Hospital, Albany, N. Y.

Ruth E. Church (1929) received an M.D. degree from the University of Wisconsin last June.

Lois Morrow (1929) is Director of Nursing at the University of Pennsylvania Graduate Hospital.

GRADUATES TOTAL 1442

Including the class of 1937, to whom this issue of our *Bulletin* is dedicated, our School of Nursing has graduated a total of 1442 nurses. Of these graduates, 245 are known to be employed in institutional work; 207 are listed as private duty nurses; 109 in public health nursing; 31 as industrial nurses; 18 as missionary nurses in the foreign field; 3 are practicing physicians; 17 in various fields as X-ray, physiotherapy, secretarial, editorial and other specialties. Among those engaged in institutional work are a number who hold important posts in the field of nursing education and in nursing departments of large hospitals.

RECENT VISITORS

Mrs. John Pixley (Phoebe Rice, 1927) who returned from Nicaragua, Central America, recently, and gave birth to a son in the Presbyterian Hospital, has gone back to Nicaragua to join her husband who is engaged in missionary work at Managua. Mary Mieth (1931), who returned with Mrs. Pixley, has accepted a position on the nursing staff of our hospital.

Ruth Sperring (1929), who is with the U. S. Indian Service at a hospital in Tacoma, Washington, was among those in attendance at the Alumnae luncheon, Oct. 1.

Ella M. Ottery (1916), who is associated with Dr. Henry J. Ullmann, Santa Barbara, Cal., as X-ray technician, visited our hospital and school while in Chicago for the International Congress of Radiology in September.

Among graduation day visitors was Mrs. Carl N. H. Otte (Lillian Young, 1928), who with her three children, has just returned on furlough from Untunjambili, Natal, South Africa, where she and her husband have been engaged in missionary work.

Mrs. Corydon Benton (Margaret Petric, 1926) recently returned from eight years' residence in Hawaii, where she held an administrative position in Queen's Hospital, Honolulu.

ANNUAL HOMECOMING

Alumnae and other friends of the Presbyterian Hospital School of Nursing are invited to visit Sprague Home on Nov. 11, when the annual Homecoming will be observed. There will be a buffet luncheon at noon, an informal reception from 3:00 to 6:00 P.M. and dinner at 6:30.

LeLin Townsend (1919) is Director of Nursing at the Neurological Hospital, Columbia University Medical Center, New York.

Mrs. Erick A. Frey (Emma Hellockson, 1928) who has been doing missionary nursing in Ketchikan, Alaska, has taken a furlough and entered the University of Minnesota for the coming year.

BROAD COURSE OFFERED BY SCHOOL OF NURSING

Many Subjects Are Required to Prepare Student for Profession

In its many departments, the Presbyterian Hospital affords to student nurses wide experience in the nursing care of medical, surgical and obstetrical patients. Hand-in-hand with this practice nursing, the student acquires fundamental knowledge embracing a variety of pertinent subjects, through individual study, class recitations, lectures, and laboratory work.

First Year Course

The first year's course of lectures, class recitations, laboratory and clinical instruction embraces the following required subjects: anatomy, chemistry, ethics, elementary materia medica, personal hygiene, physical education, bandaging and charting, occupational therapy, physiology, dietetics, diet in disease, bacteriology, pathology, public hygiene, medical nursing, surgical nursing, gynecology, psychology, history of nursing, hospital housekeeping, ethics, and massage.

Second and Third Years

Required subjects covered during the second year are: medical nursing in communicable diseases, dermatology, sociology, urinalysis, toxicology, pediatric nursing, orthopedics, obstetrical nursing, anesthesia and operating room technique. During the third and final year of the course the required subjects are: psychiatric and neurological nursing, surgical nursing (including eye, ear, nose and throat), advanced dietetics, first aid, nursing problems and survey of nursing field.

Gain Knowledge Firsthand

Student nurses acquire much knowledge firsthand, as well as valuable practical experience, through duty assignments in the pharmacy, diet kitchens, operating rooms, out-patient obstetrical department, prenatal clinic, children's department, and the various diagnostic and therapy departments of the Presbyterian Hospital. They also gain knowledge and experience through service in the clinics of Central Free Dispensary and Rush Medical College.

The Cook County Hospital School of Nursing grants our students an opportunity to gain experience in the psychiatric and neurological departments of that hospital. Similar privileges are granted by the Chicago Municipal Disease Hospital, the Chicago Visiting Nurse Association, the Infant Welfare Society of Chicago and the Rural Nursing of Cook County.

Contributions to School Endowment Are Invited

In order that the student nurse may be prepared to meet the demands placed upon her by advancing medical knowledge, many subjects must be studied under competent tutelage. She must spend much of her time in the classroom, the lecture room, and the laboratory. Her varied nursing duty assignments must be carried out under the direct supervision of well-qualified graduate nurses. That the Presbyterian Hospital School of Nursing maintains high standards of instruction and promulgates high ideals of service, is indicated by the accomplishments of our graduates, who are filling positions of great usefulness in all parts of the world.

Nursing education, in common with other branches of higher education, needs and merits the support of the philanthropically inclined. The small endowment possessed by our School of Nursing has been a factor in its past accomplishments. Those who wish to aid education in a field of far-reaching importance to human welfare, are invited to contribute to this endowment, in order that our School of Nursing may continue to keep pace with advancing standards and enlarging opportunities.

GO TO FOREIGN FIELD

Miss Johanna DeVries, 1933 graduate of our School of Nursing, and a member of the school faculty since 1935, has gone to Madnapalle, Chittoor District, South India, where she will work in a mission hospital and teach in school for nurses. Miss Margaret Morgan (1929) and a graduate of the University of Kansas will succeed Miss DeVries on the school faculty here. Miss Morgan has held teaching positions in hospitals in Topeka, Columbus and Chicago and has travelled extensively.

Miss Isla Knight (1923) has resigned as a member of our endowed nurse staff and sails soon for Bareilly, Indian, where she will work in a mission orphanage.

Miss Ethel R. Groce (1934) plans to leave soon for Canton, China. She will work under the China Boat Mission, and also in the leper colony.

EDUCATIONAL REQUIREMENTS

From 1903 to 1936, the educational requirement for entrance to our School of Nursing was a high school course. Beginning with the class entering in the fall of 1936, the requirement was raised to include two years of college work beyond high school. It is believed that this requirement will bring to the school young women who are better equipped, both as to education and maturity, to carry the broad course which will fit them to meet efficiently the demands that advances in medical science are making upon the nursing profession.

In this connection it is interesting to note that three of the ten members of our first graduating class in 1906 had college degrees when they entered our school, while three other members of that class had had some college work prior to entrance. Throughout the years, many of our students have come to us with college degrees and many others have had some work in college.

Competent Group Administrators—Able Instructors Are Provided

The affairs of our School of Nursing are administered by a school committee headed by Mr. John P. Welling and composed of representatives of the hospital Board of Managers, the Woman's Board, and the administrative and medical staffs. Consultants include three members of Rush Medical College Faculty and three School of Nursing Alumnae, who hold nursing education positions in universities.

Officers of administration and instruction in the nursing department of the hospital and the School of Nursing are as follows:

M. HELENA MCMILLAN, B.A., R.N. Director School of Nursing and Superintendent of Nurses.

MAY L. RUSSELL, R.N. Assistant to Director of the School and Dean of Students. Instructor of Nursing and of Ethics.

HARRIET L. FORREST, R.N. Assistant Superintendent of Nurses and Supervisor of Nursing.

EMMA B. AYLWARD, House Matron and Dietitian, Sprague Home.

FRANCES E. SEEGMILLER, R.N. Instructor Case Study, Charting, Teaching Supervisor Medical Nursing.

ELLA MAY VAN HORN, M.S., R.N. Instructor Public Hygiene, History of Nursing, Health Advisor and Nurse, School of Nursing.

CARRIE B. MCNELL, B.A. Instructor Drugs and Solutions, Bandaging, Teaching Supervisor.

ESTHER I. SALZMAN, B.S. Assistant Instructor Chemistry, Bacteriology, Teaching Supervisor.

MARGARET M. MORGAN, B.A. Assistant Instructor Anatomy, Physiology, Psychology, Pathology.

JULIA D. NEVILLE, B.A. Assistant Instructor Nursing Technique, Teaching Supervisor.

ELEANOR SMITH, R.N. Assistant Superintendent Nurses and Supervisor of Nursing.

ELPHIA FLUGUM, R.N. Assistant Superintendent Nurses and Supervisor of Nursing.

MARY E. PROBERT, R.N. Night Superintendent and Supervisor of Nursing.

FLORENCE COON, R.N. Assistant Night Superintendent and Supervisor of Nursing.

Members of the faculty of Rush Medical College of the University of Chicago, and of the medical staff of Presbyterian Hospital also give instruction to students in the classroom, at clinics and at the bedside. Science courses are taught by members of the faculty of the University of Chicago and by graduate nurse instructors.

Have Eight-Hour Day

The student nurse's eight-hour day and 48-hour week embraces both the time given to class instruction and that given to practice nursing or other duty assignments.

THANKSGIVING OFFERING TEAS PLANNED BY THE CHURCH GROUPS

Mrs. W. B. McKeand, chairman; Mrs. Kellogg Speed, vice-chairman, and members of the Thanksgiving offering committee of the Presbyterian Hospital Woman's Board are arranging for a number of teas to be given during November by various church groups to raise funds for hospital linen and other purposes. Miss Frances Whedon will be hostess at her new home, 3 Banks St. for the tea sponsored by the Fourth Presbyterian Church group, Mrs. Charles S. Reed and Mrs. Edwin W. Sims will assist.

Mrs. Charles B. Ford of Oak Park First Presbyterian Church plans to give a tea at her home, 1043 Lathrop Ave., River Forest, as do also Mrs. Kellogg Speed, 530 S. Sheridan Rd., Highland Park, and Mrs. Nelson W. Willard, 171 Northwood Rd., Riverside. Dates for these have not been announced. Mrs. George L. Swift of Hyde Park United Church is arranging a tea for which place and date are not yet definitely settled. It is expected that teas will be arranged by several other groups.

ATTEND CONVENTIONS

More than 4,000 men and women representing hospitals of the United States and Canada attended the 39th annual convention of the American Hospital Association in Atlantic City, Sept. 13-17. Mr. Asa S. Bacon, superintendent of the Presbyterian Hospital, attended this convention and also the convention of the American Protestant Hospital Association in the same city, Sept. 10-12 and the meetings of the American College of Hospital Administrators, Sept. 11-13. Mr. Bacon was re-elected treasurer of the American Hospital Association, an office which he has held since 1906, with the exception of one year (1923) when he filled the office of president of the association. He is a trustee of the American Protestant Hospital Association and a fellow of the American College of Hospital Administrators.

Miss Winifred Brainerd, head of our hospital Occupational Therapy department, attended the annual meeting of the American Occupational Therapy Association, Sept. 13-16, in Atlantic City.

LIBRARY REPORT

Miss Selma Linden, our hospital librarian, reported at the October meeting of the Woman's Board that 6,961 books and magazines had been circulated among patients during the summer months. Donations and receipts from sales of books amounted to \$208.10 which will be used for library purposes. The library receives 40 different magazines regularly through subscriptions and copies of 63 other magazines have been donated by friends from time to time.

AMERICAN HOSPITAL IN TURKEY

Mr. Luther R. Fowle, treasurer of American Missions in the Near East, gave an interesting talk at the October meeting of the Woman's Board, about the American Hospital and School of Nursing in Istanbul, Turkey. This hospital is supported by the American community and its school has 107 graduates to date.

"Private Duty"

From Alaska to South Africa, in India, China, South America, and other countries around the world, graduates of our School of Nursing are serving as missionary nurses. In large cities, in small towns, and in rural areas, others are doing public health nursing. In public and voluntary hospitals, many of our graduates are filling administrative or supervisory positions and other graduates are caring for the sick as ward and floor nurses. Still others are teaching in universities and schools for nurses. Then, there is that large group designated as "Private Duty" nurses, than which no title is more to be honored or fraught with greater meaning in terms of human lives saved and human suffering lessened. These are they who do their work quietly in private homes, in private rooms of hospitals, and at the bedside of seriously ill ward patients. Through the long watches of the night and the dragging hours of the day, the "Private Duty" nurse stands guard over human life, faithfully carrying out the instructions of the doctor, competently meeting emergencies that arise in his absence, and ministering to human welfare and comfort by means of every resource at her command. Only those who have had the benefit of such ministrations, through dark hours of pain and fear, can fully appreciate the inestimable service of the competent "Private Duty" nurse.

SEPTEMBER 1937 CLASS

Twelve states are represented in the class of students entering our School of Nursing this fall, as follows:

Winifred Gray Allen, Chicago
Martha Jane Brobeck, Steamboat Springs, Colo.
Marie Emily Carlson, Chicago
Mildred Marie Cook, Florida, Ind.
Betty Flanders, Oconto, Wis.
Ruth Margaret Foster, Appleton, Wis.
Virginia Clayland Frederick, Glen Ellyn, Ill.
Emily Kathryn Gould, Marion, Ind.
Eugenie C. Grauer, Shawano, Wis.
Mary Belle Hagland, Sterling, Ill.
Julia Norris Harrison, Tampa, Fla.
Grace E. Hobbie, Plymouth, Ill.
Margaret Elizabeth Jalkanen, Eveleth, Minn.
Charlotte R. King, Riverside, Ill.
Susan Mary Lederer, Norfolk, Neb.
Ruth Louise Malcolm, Three Rivers, Mich.
Florence E. Morse, Racine, Wis.
Catherine H. Ollis, Ord, Neb.
Mydella E. Rawson, Woodstock, Ill.
Agnes Bell Rogers, Oak Park, Ill.
Joan Roth, Lafayette, Ind.
Icenne Lucille Roush, Wyoming, Ia.
Margaret Anne Schwan, Mishawaka, Ind.
Helen Clay Shannon, Parkville, Mo.
Carol Lee Smith, Strator, Ill.
Greta Ingeborg Thorstenberg, Lindsborg, Kan.
Lela Webb, Burning Springs, Ky.
Georgia Ruth Weuding, Morrison, Ill.

Y. W. C. A. Branch

Our School of Nursing has an active student branch of the National Y. W. C. A. Officers this year are: Elizabeth Wagner, president; Barbara Cruickshank, secretary; Virginia James, treasurer.

COLLEGE OF SURGEONS

The 27th Clinical Congress of the American College of Surgeons will be held in Chicago, Oct. 25-29. Each day during the congress, clinics will be conducted by staff men in the operating rooms of the Presbyterian Hospital. Dr. Albert H. Montgomery is in charge of arrangements for these clinics. Dr. Vernon C. David, president of our Medical Staff, is chairman of the Chicago committee on arrangements and will deliver the address of welcome at the opening session of the Congress in the ballroom of the Stevens hotel, Monday evening, Oct. 25.

DR. ROSE AT CONGRESS

Dr. Cassie Bell Rose, formerly head of our X-ray department, was one of the speakers at the International Congress of Radiology held in Chicago in September. Dr. Rose is now radiologist to two hospitals in Colorado, one in Denver and the other in Boulder.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

1753 W. CONGRESS STREET CHICAGO, ILLINOIS

Telephone: Seeley 7171

OFFICERS and MANAGERS

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HORACE W. ARMSTRONG.....	Vice-President
CHARLES B. GOODSPEED.....	Vice-President
SOLOMON A. SMITH.....	Treasurer
KINGMAN DOUGLASS.....	Secretary
FRED S. BOOTH.....	Asst. Secretary
A. J. WILSON.....	Asst. Secretary

Arthur G. Cable	Fred A. Poor
Alfred T. Carton	Theodore A. Shaw
Albert B. Dick, Jr.	Rev. John Timothy
John B. Drake	Stone, D.D.
James B. Forgan, Jr.	R. Douglas Stuart
Albert D. Farwell	Robert Stevenson
Alfred E. Hamill	J. Hall Taylor
Charles H. Hamill	John P. Welling
Edw. D. McDougall, Jr.	Edward F. Wilson

CLERICAL MANAGERS

Rev. Harrison Ray Anderson, D.D.
Rev. Harold L. Bowman, D.D.
Rev. Henry S. Brown, D.D.
Rev. W. Clyde Howard, D.D.

MEDICAL BOARD

VERNON C. DAVID, M.D. President

WOMAN'S BOARD

MRS. CLYDE E. SHOREY..... President

ADMINISTRATION

ASA S. BACON.....	Superintendent
HERMAN HEISEL.....	Asst. Superintendent
M. HELENA McMILLAN.....	Director, School of Nursing

THE PRESBYTERIAN HOSPITAL BULLETIN

Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every creed, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago

BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

Chicago, Ill.

November, 1937

Vol. 29, No. 10

INSTALL FOUR NEW X-RAY UNITS IN THE HOSPITAL

Improvements Increase Scientific Usefulness of Radiology Department

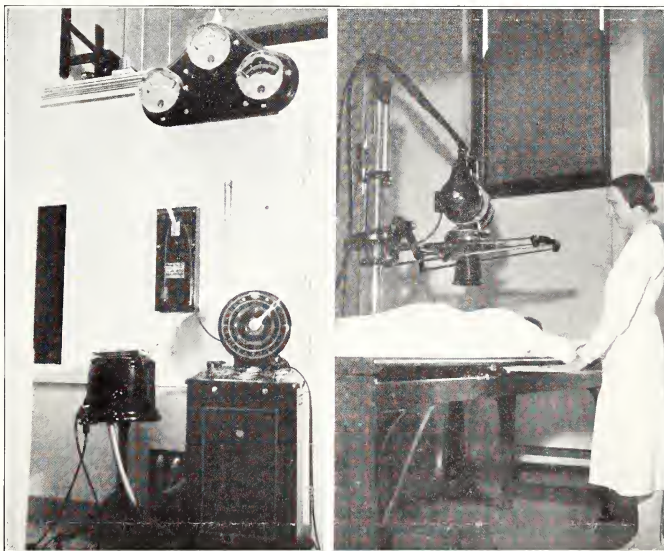
New equipment involving an expenditure of several thousand dollars was recently installed in the X-ray (radiology) department of the Presbyterian Hospital, placing that department on a highly efficient basis of scientific usefulness. The completely modernized machinery installed improves the technique for making X-ray pictures and is designed to include all shockproof and other safety devices required to eliminate high voltage hazards of powerful X-ray tubes.

Complete new units have replaced old equipment in four of the six rooms used for making X-ray pictures and for X-ray fluoroscopic work. These include two units for general radiographic work, new model dental unit and new equipment in the emergency room. One of the general radiographic units is equipped with the comparatively new type of double-focus rotating "anode" tube, designed to give infinite detail in X-ray pictures of the chest, spine, gall bladder and other parts of the body. This tube is a great improvement over those previously available.

Motor Driven Tilt Table

The other new radiographic unit for general X-ray work has, in addition to a double-focus, shockproof X-ray tube, a motor driven tilt table which is especially convenient when it is desired that pictures be taken while the patient is in prone and upright positions, successively. The new unit installed in the emergency room consists of a double-focus tube and stand, which can be adjusted for both fluoroscopic examination and the making of pictures without moving the patient

(Continued on Page 3, Col. 2)



NEW ROTATING ANODE TUBE UNIT

In the picture at the right, Miss Mabel Walsh, X-ray technician, is shown placing a film in position beneath the patient, preparatory to taking a gall bladder picture, with our new rotating anode tube. The tube is shown above the patient in readiness for the exposure, which is made by operating control equipment shown at the left. A feature of the latter is an electrically operated impulse timer capable of reproducing precise pictures from exposures as short as 1/120 of a second.

THOUGHTS FOR THANKSGIVING

*In gratitude we come to thee
For mercies that are ever new,
We dare to trust the yet-to-be
That by our faith we know is true.*
—Epworth Herald

*Give thanks for raiment, and a loaf of bread;
And for a good thatched roof above your
head,*

*But most of all give thanks if you can say,
"Lord, I have courage on my pilgrim's
way!"*
—Charles Hanson Towne

*For all good things to do
And see upon the earth,
For all things old and new
That fill the days with worth,
For joys that lighten
The busy lives we live,
For friends and home and heaven,
Our thanks to God we give.*
—Claude Weimer in Normal Instructor

STAFF MEN PARTICIPATE IN CLINICAL PROGRAMS

American College of Surgeons Holds Annual Congress in Chicago

Addresses by distinguished surgeons of the United States, Canada and several foreign countries at general sessions in the Stevens Hotel, and numerous clinics conducted in approved hospitals of Chicago and adjacent suburbs were features of the 27th Annual Congress of the American College of Surgeons held in Chicago, Oct. 25-29.

Dr. Dean Lewis, former member of our surgical staff, now professor of surgery at Johns Hopkins University Medical School, addressed one of evening sessions. Dr. Vernon C. David, president of our Medical Board, was chairman of the committee on arrangements for the Congress and delivered the address of welcome at the opening session. Mrs. Kellogg Speed, the wife of Dr. Speed, member of our staff, was chairman of the women's entertainment committee. Dr. A. H. Montgomery had charge of arrangements for the clinics held in our hospital and at Rush Medical College.

60 Staff Men Participate

Sixty different members of our medical and surgical staff participated in the clinical programs presented for visiting surgeons, and in a number of instances the same staff men performed operations at two or more clinics held on different days. Staff surgeons conducted 22 operative clinics in our hospital operating rooms and performed operations at nine clinics held in other hospitals as part of the Congress program. Medical men and surgeons on our staff presented reports of studies, and demonstrations at 12 "dry" clinics held at Rush Medical College, and participated in 17 "dry" clinic programs in other hospitals.

Operations performed by our surgical staff at clinics attended by Congress visitors included those in the field of general surgery and the following surgical specialties: gynecology and obstetrics, orthopedic surgery, fractures and traumatic surgery, genito-urinary surgery, thoracic (chest) surgery, neurosurgery (brain, spine, nervous system), and oral, facial and plastic surgery. Demonstration and diagnostic clinic programs presented by members of our medical and surgical staff in Rush amphitheatre or in which they participated elsewhere covered topics in all of the above mentioned fields and also ophthalmology (diseases of the eye), otolaryngology (ear, nose and throat), and physical therapy in relation to surgical conditions.

NEW DENTAL UNIT



Mr. Harry X. Smith, X-ray technician, is shown operating our new model dental unit, set in proper position for making an X-ray exposure of a lower tooth on the film which the patient is holding in place.

CHICAGO SURGICAL SOCIETY

Fifty Surgeons of Chicago, other Illinois cities; Green Bay, Milwaukee and Appleton, Wis. were guests of our surgical staff, Friday Nov. 5, when the annual clinical meeting of the Chicago Surgical Society was held in our hospital. Dr. Gatewood of our staff was in charge of the program which included operations performed by members of the staff. The visiting surgeons were guests of our hospital at luncheon.

PEDIATRICS MEETING

The entire morning session of Oct. 14, of the recent meeting of the American Academy of Pediatrics was devoted to case presentations and papers given in the auditorium at the nurses' home of the Presbyterian Hospital. The most noteworthy presentations were given by prominent members of our hospital staff—Dr. C. G. Grulce, Dr. A. H. Parnelle, Dr. C. K. Stulik, Dr. B. I. Beverly, Dr. Eleanor Leslie, and Dr. H. J. Noyes, members of our pediatrics staff; Dr. E. M. Miller and Dr. A. Verbruggen of our surgical staff, and Dr. C. W. Finnerud of our dermatological staff.

TWENTY MEMBERS OF OUR SURGICAL STAFF ARE A. C. S. FELLOWS

The American College of Surgeons is an organization founded in 1913 to improve the practice of surgery and place it on a higher and more ethical plane. It is concerned fundamentally with matters of character and training of the surgeon, with the betterment of hospitals and of teaching facilities in medical practice, and with an unselfish protection of the public from incompetent medical service. It embraces in its membership 12,000 qualified surgeons of North and South America.

Fellowship in the College is restricted to surgeons of worthy character who qualify, through broad education and experience, as specialists in general surgery or in one of the surgical specialties. All candidates for Fellowship must sign a declaration or an oath against unworthy financial practices such as the splitting of fees. Qualifications, including the candidate's case reports of 50 major operations which he has performed and 50 other major operations in which he has assisted or which he has performed under supervision, are reviewed by committees of distinguished surgeons, which report to the Board of Regents. Twenty members of the surgical staff of the Presbyterian Hospital are Fellows of the College.

HONORED BY ILLINOIS NURSES

Mrs. Ernest E. Irons, one of the vice-presidents of the Presbyterian Hospital Woman's Board, was made an honorary member of the Illinois State Nurses' Association at the recent convention held in Springfield. This honor, the first of its kind to be conferred on any one by the Association was accorded to Mrs. Irons in recognition of her work as chairman of the Central Council of Nursing Education and other activities in the interest of the nursing profession. Mrs. Irons is a graduate of Lakeside Hospital School of Nursing, Cleveland, and prior to her marriage to Dr. Irons was a member of our School of Nursing faculty. Miss Dorothy Rogers (1921) professor of nursing education at the University of Chicago, was chairman of the program committee, and presided at the sessions of Illinois State League of Nursing Education of which she is president. Miss M. Helena McMillan, director of our School of Nursing, and many graduates from Chicago and other parts of the state attended the convention.

FOREIGN VISITORS

Mr. Kingfield K. Sedgfield, architect, of Melbourne, Australia, and Mr. Luis A. Suarez of Caracas, Venezuela, visited our hospital on Nov. 4 for the purpose of inspecting our central food service set-up.

Mr. J. P. Lockhart-Mummery, M.B., B.Ch., F.R.C.S., of London, England, who delivered the annual oration on surgery at the Congress of the American College of Surgeons, Oct. 29, visited our hospital on Oct. 21.

PATIENTS IN OUR X-RAY DEPARTMENT IN 1936 NUMBERED 15,058

Units of Work Total 28,610

Patients cared for by our X-ray department in 1936 numbered 15,058, an increase of 499 over the preceding year. The largest number cared for in one day was 85 and the smallest number in any day was 16. The daily average (excluding Sundays and holidays on which only emergency work is done) was 49.91. Of those patients served, 11,382 were bed patients in the hospital and 3,676 were non-hospital private patients referred by members of our medical staff.

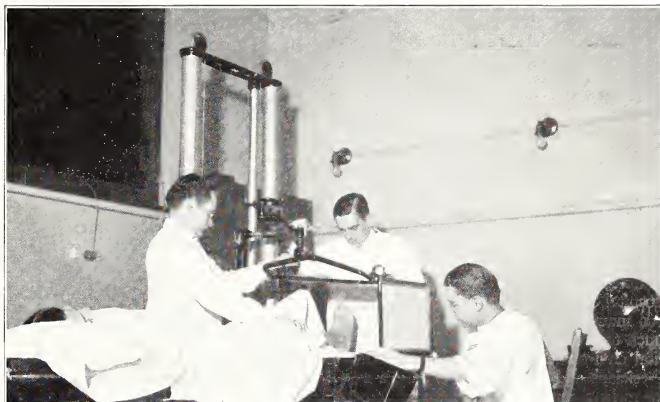
The total number of units of X-ray work done, counting films, fluoroscopies and treatments was 28,610. Gastrointestinal fluoroscopies numbered 3,563. A chest fluoroscopy is routinely done on each of these patients. X-ray therapy treatments given to hospital and dispensary patients during the year totalled 3,676, while 71 patients received radium treatment totaling 72,779 milligram hours.

DR. F. H. SQUIRE HEADS HOSPITAL AND COLLEGE RADIOLOGY DEPARTMENTS

Dr. F. H. Squire has been head of the Presbyterian Hospital X-ray department since November, 1936, prior to which time he had been medical assistant in the department for nearly eight years. Dr. Squire received his M. D. degree from the University of Iowa School of Medicine and completed a three-year fellowship in radiology at the Mayo Clinic in Rochester, Minn. Since joining our staff in June 1929, he has been a member of the faculty of Rush Medical College of the University of Chicago, his present title being associate clinical professor of surgery (radiology). Dr. Squire also has charge of our fever therapy department.

Dr. J. E. Tysell is our resident roentgenologist and Dr. F. J. Phillips is the intern. Other members of the X-ray staff are: Miss Mabel Walsh, Miss Gretchen White, and Harry X. Smith, technicians; Miss Jessie MacLean, record secretary; Mrs. Helen Lyon, reception secretary; Olaf Foss, dark room technician; Harry Bergman, orderly and film file clerk. Mr. Bergman has been employed in our hospital for 18 years. His work as orderly consists of transporting patients on carts or in wheel chairs to and from the X-ray department, which he does in a kindly, efficient manner appreciated by those who require this service. Mr. Smith has been with us for 15 years and Miss MacLean, 14 years.

TWO-WAY FLUOROSCOPIC VIEW GUIDES SURGEON



Our biplane fluoroscope, the gift of Mrs. James A. Patten in 1930, was the first to be installed in Chicago. It affords views through the body in two directions at the same time and is of great value in guiding the surgeon when reducing fractures or removing foreign objects from the throat, lungs, and other parts of the body. In this posed picture, Dr. F. H. Squire (center), head of our X-ray department, is looking at the horizontally placed fluoroscopic screen, with one hand on the control. Dr. J. E. Tysell (right), resident roentgenologist, is viewing the upright screen while operating control equipment. Dr. F. J. Phillips, intern, is shown at the left. The two fluoroscopic screens can be adjusted at any angles desired to afford a two-way view through any part of the body, true images being projected on the screens. Our biplane room is especially equipped with operating table, special lighting and ventilating system, and safety switches and cables so that anesthesia may be safely administered in the presence of X-ray without danger of explosion. This unit also is equipped for making X-ray pictures.

NEW X-RAY EQUIPMENT

(Continued from Page 1, Col. 1)

from the cart on which he is wheeled into the room.

The waiting room adjacent to the reception office has been refitted with attractive new furnishings.

X-ray equipment which does not require replacing at this time includes our portable unit which is used for making pictures at the bedside and in operating rooms, our biplane fluoroscope installed in 1930, and our X-ray therapy unit newly equipped in 1935.

Advances In Fluoroscopy

Our biplane fluoroscope, the first to be installed in Chicago, was the gift of Mrs. James A. Patten. It differs from ordinary fluoroscopic equipment in that it affords views through the body in two directions at the same time, the silhouette of the organ or bone being projected on two special screens placed in different positions, whereas ordinary fluoroscopy affords a view only on one plane. Although the X-ray has been utilized for one-plane fluoroscopy from the time of Roentgen's discovery of this wonderful ray, 42 years ago, new tubes and machinery developed in recent years have

greatly enhanced the diagnostic values of this type of fluoroscopy, while the advent of the biplane fluoroscope has written an entirely new chapter on previously undreamed-of surgical achievement.

Radiation Therapy

Among the outstanding developments in the use of X-ray in recent years is in the treatment of disease, termed X-ray therapy. Our X-ray therapy department was installed in new quarters on the seventh floor of the Murdoch building, two years ago, and equipped with a new 200,000 volt, constant potential X-ray therapy machine. Radium therapy also is administered in this department, which has charge of 205 milligrams of radio owned by our hospital and valued at \$15,000.

Now Technically Efficient

While the new equipment just installed, together with the improvements made in recent years, provide our hospital with a modernized, technically efficient X-ray department, the increasing number of patients cared for in the department and the rapid advances that are being made in the science of radiology indicate that considerably enlarged quarters and additional equipment will be needed within the next few years.

OUR HOSPITAL RETAINS APPROVAL OF AMERICAN COLLEGE OF SURGEONS

At the recent Clinical Congress at the American College of Surgeons held in Chicago, it was announced that 2,328 hospitals were fully approved for the current year, while those provisionally approved numbered 293. The Presbyterian Hospital retained its place on the fully approved list as a Class A hospital. Of 362 hospitals of all kinds in the state of Illinois, 119 received full approval and an additional 16 were provisionally approved.

One of the major activities of the American College of Surgeons is the Hospital Standardization program, which was inaugurated in 1918 and has done much to establish and maintain the hospital environment which will enable the physicians and surgeons, their associates, co-workers and aids to give the most scientific service to the patient. The hospital department of the College, under the direction of Dr. Malcolm T. MacEachern, makes annual surveys of hospitals throughout the United States and Canada, and extends full approval to those meeting the hospital standardization requirements. Hospitals that have accepted the requirements and are endeavoring to put them into effect but have not carried them out in detail, are provisionally approved. Each hospital is considered for rating annually, which means that high standards must be maintained continuously in order to retain approval.

TAG DAY ADDS \$1,750 TO CHILD'S FREE BED FUND

Mrs. William R. Tucker, chairman of the Children's Benefit League Committee of our Woman's Board, reported at the board meeting on Nov. 1 that tag day receipts amounted to \$1,750.85. This included donations collected in 115 boxes by volunteer taggers and a gift of \$100 from Mrs. A. B. Dick which was credited to the Lake Forest group. This money will be used toward an endowment of \$5,000 for the support of a fourth tag day bed in our children's department. These beds are used to care for sick children whose parents are unable to pay.

LECTURES ON CANCER

Dr. Gatewood, attending surgeon on our staff and clinical professor of surgery at Rush Medical College of the University of Chicago, was the speaker on Nov. 4 at one of the series of public lectures on cancer presented under the auspices of the Chicago Woman's Club in the club lectures hall. His topic was "Cancer of the Digestive Tract with Special Reference to the Stomach and Rectum."

PAYS TRIBUTE TO JANE DELANO IN RADIO TALK

Miss Alma Foerster, who recently joined the faculty of our School of Nursing as instructor in public health nursing, took part in the Armistice day broadcast of the Sunbrite Junior Nurse Corps, voicing the tribute of the nursing profession to Miss Jane Delano, director of American nurses who served under the Red Cross in the World war. Miss Foerster, who was closely associated with Miss Delano, was awarded the Florence Nightingale medal for her services in Russia and other parts of Europe during the World war. The broadcast was over the NBC blue network from WENR station in Chicago. Miss Foerster was graduated from our School of Nursing in 1910.

AT WASHINGTON CONFERENCE

Dr. Ernest E. Irons, attending physician on our hospital staff and chairman of the department of medicine in Rush Medical College of the University of Chicago, was invited by Surgeon General Thomas W. Parran of the United States Public Health Service to participate in a conference in Washington, D. C., Nov. 12 on the prevention and control of pneumonia. The conference outlined a program which is to be announced later.

MEDICAL STAFF NEWS

At a regular meeting held at the University Club, Oct. 8, the Medical Staff of the Presbyterian Hospital elected officers as follows: President, Dr. Vernon C. David; vice-presidents: Dr. N. S. Heaney, Dr. Edward Allen, and Dr. W. A. Thomas; secretary-treasurer, Dr. William G. Hibbs.

An article by Dr. Charles M. Bacon and Dr. H. I. Baker appeared in the August number of *Surgery, Gynecology and Obstetrics* on the topic, "Lipoid Visualization of the Bile Tracts in Lesions with Jaundice."

Dr. George J. Rukstina was one of the speakers at the October meeting of the Chicago Pathological Society. On Oct. 12 he addressed the McLean County Medical Society on the topic, "Causes of Death in Stillborn Infants."

Dr. William Moncreiff was one of the speakers at the October meeting of the Chicago Ophthalmological Society, his topic being "Contact Lenses. A New Technic for Making Impressions of the Anterior Segment." Dr. Thomas D. Allen is president and Dr. Earle B. Fowler is secretary of this society.

Dr. Herman L. Kretschmer gave two addresses and participated in a round table discussions at a meeting of the Kansas City Southwest Clinical Society in Kansas City, Mo. on Oct. 6. Dr. Kretschmer also addressed the Inter-State Postgraduate Assembly in St. Louis, Oct. 21, his topic being "Tumors of the Kidney."

NINETIETH ANNIVERSARY OBSERVED IN OCTOBER BY THE CHICAGO PRESBYTERY

Observance of the 90th anniversary of the founding of the Chicago Presbytery took place on Oct. 4 in the Du Page Presbyterian church which was founded in 1833 and in which church the Presbytery was organized on Oct. 13 and 14, 1847. Up to that time churches of the Chicago area had belonged to the Ottawa Presbytery. Rev. Alvyn R. Hickman, D.D., moderator of the Chicago Presbytery, was in charge of the anniversary meeting at which addresses were given by Rev. Andrew Zenos, D.D., Rev. Harold L. Bowman, D.D., Rev. Harrison Ray Anderson, D.D., and Rev. Douglas Horton, D.D. A sumptuous chicken dinner was served by the ladies of the DuPage church. Rev. Henry J. Weigand is pastor of this church which has aided the charity work of the Presbyterian hospital for many years. It is the second oldest Protestant church in the Chicago area.

THE PRESBYTERIAN HOSPITAL OF THE CITY OF CHICAGO

1753 W. CONGRESS STREET CHICAGO, ILLINOIS
Telephone: Seeley 7171

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FRED S. BLOTH	Asst. Secretary
A. J. WILSON	Asst. Secretary

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Alfred T. Carton	Theodore A. Shaw
Albert B. Dick, Jr.	Rev. John Timothy
John B. Drake	Stone, D.D.
James B. Forgan, Jr.	.....	R. Douglas Stuart
Albert D. Farwell	.....	Robert Stevenson
Alfred E. Hamill	.....	J. Hall Taylor
Charles H. Hamill	.....	John P. Welling
Edw. D. McDougal, Jr.	.....	Edward F. Wilson

CLERICAL MANAGERS

Rev. Harrison Ray Anderson, D.D.
Rev. Harold L. Bowman, D.D.
Rev. Henry S. Brown, D.D.
Rev. W. Clyde Howard, D.D.

MEDICAL BOARD

VERNON C. DAVID, M.D.	President
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WOMAN'S BOARD

MRS. CLYDE E. SHOREY	President
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ADMINISTRATION

ASA S. BACON	Superintendent
HERMAN HENSEL	Asst. Superintendent
M. HELENA McMILLAN	.....	Director, School of Nursing

THE PRESBYTERIAN HOSPITAL BULLETIN Florence Slown Hyde, Editor

The Presbyterian Hospital of the City of Chicago is an Illinois not-for-profit corporation, organized July 21, 1883, for the purpose of affording surgical and medical aid, and nursing, to sick and disabled persons of every race, nationality, and color. Its medical staff is appointed from the faculty of Rush Medical College of the University of Chicago.

The Board of Managers call attention to the need of gifts and bequests for endowment and for the general purposes of the hospital.

The Presbyterian Hospital of the City of Chicago BULLETIN

MEMBER AMERICAN HOSPITAL ASSOCIATION

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CHRISTMAS IS SEASON FOR SPREADING CHEER AND GOODWILL

AS CHRISTMAS day approaches much thought is being given to plans and arrangements to spread cheer and goodwill among patients who will be with us during this season and also among the less fortunate of the community with whom our hospital has come in touch during the past year.

The usual Christmas service in the chapel on the Sunday preceding Christmas, carol singing by groups of student nurses in the hospital corridors early Christmas morning, Christmas dinner trays made attractive by chef and dietitians, and Christmas decorations throughout the hospital will help to make Christmas in the hospital an occasion for expressing the kindness and goodwill which management and personnel feel toward each and every patient.

Santa Visits Child Patients

Members of the Hospital Woman's Board and other generous friends have made provision for Santa Claus to visit our children's wards on Christmas eve and see that the stockings hung on each little bed are filled to overflowing. Christmas trees decorated by the Occupational Therapy department will be set up in the children's wards, while Christmas stories and songs will brighten the days for small patients who must remain in the hospital during the holiday season.

Through donations from generous friends the Social Service department will provide suitable gifts for those among our former and present patients who are especially in need of such remembrances. Christmas baskets provided by the Chicago Rotary Club, by hospital employes and other friends will

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THIS smiling little boy and the huge stocking into which he has climbed symbolize the happy manner in which Christmas is observed in the children's wards of the Presbyterian Hospital, where each child finds a well-filled stocking when he awakens on Christmas morning, while shining eyes and childish laughter tell the story of hearts overflowing with joy.

This picture was taken in our hospital on a recent Christmas day.



What Christmas Means to Me!

To some people Christmas means holly,
And evergreen everywhere;
But to me it means shining angels,
And the shepherds adoring prayer.
To some it means giving and getting
Rich things of silver and gold;
But is there no way we can bring
our gifts
To Christ like the wise men of old?

Oh, yes! He told us long ago,
Himself, in Gahlee,
Whatever you do to a little child,
That thing you have done unto Me.
So, whenever at Christmas, or any time
The whole year around,
We see an ill or lonely child;
There is the "Christ Child" found.

—DOROTHY SHELDON

Nurses' Homecoming Brings Alumnae from Seven States and Two Foreign Countries

Seven states and two foreign countries were represented among the several hundred Alumnae who attended the annual homecoming of the Presbyterian Hospital School of Nursing, held at Sprague Home, Nov. 11. Mrs. Wilber E. Post of Chicago, member of the first class graduated in 1906, and two members of the class of 1907 were present. The latter were Mrs. Eleanor Zuppan Waldman of Albany, N. Y. and Mrs. Cora Johnson Anderson of Rockford, Ill. Nearly every class graduating since was well represented.

The class of 1912 held a reunion and appeared in brown, ankle length uniforms identical with those which they had worn as preliminary students. They presented to the school a gift of \$25, one dollar for each year since graduation. The gift has been used to start a fund to buy a new rug for the reception room in Sprague Home. Seven members of the class of 1917 celebrated the 20th anniversary of their graduation, and the class of 1929 also held a reunion attended by a large representation from their number.

Gift from Alumnae

The Alumnae Association presented the school with a silver tray, sugar and creamer, bonbon and relish dishes, which are a useful addition to the silver service presented at the time of the 25th anniversary of the school. Miss Emma Aylward, matron of Sprague Home, provided luncheon for 230 visitors, afternoon reception refreshments for 160 and evening dinner for 50.

Among those from a distance were: Astrid Save, who was returning to Stockholm, Sweden, where she has a public health nursing position; Isla Knight, who sailed from New York Nov. 17 for India where she will work at a mission station; Martha Osewaarde, supervisor of nursing in the Baptist Hospital,

ACCEPTS NEW POSITION

Miss Mary Muir recently resigned the position of secretary to Mr. Asa S. Bacon, superintendent, and Mr. Herman Hensel, assistant superintendent, to accept a position with the American Hospital Association. She will be secretary to Dr. Bert Caldwell, executive secretary of the association and editor of *Hospitals*, the journal of the association. Miss Muir had been a valued employee of our hospital for ten years. Miss Marjorie Rathjen, who had been employed in the accounting department was transferred to the superintendent's office to fill the vacancy.

SALE NETS \$58

The sale of doughnuts, cookies, coffee and other good things held in the hospital lobby, Monday, Dec. 6, by Miss Emma Aylward and her assistants from Sprague Home, netted \$58 which was added to the school endowment fund.

Louisville, Ky.; Mary Davidson Moody and Nettie Wattle Nagel, Omaha, Neb.; Sarah Megchelsen Cole, Detroit, Mich.; Lois Hammersburg Mueller, La Cross, Wis.; Edwina MacDougal, director of nurses at Northwestern Hospital, Minneapolis; Adeline Hendricks, director of nursing, Columbia Hospital, Milwaukee; and Myrtle Glenn Wall, Elkhart, Ind.

Many Visit Hospital

Many of the homecoming visitors took advantage of the opportunity to go through the hospital and note changes and improvements that have been made in recent years.

Among those who sent greetings by mail or telegraph were Miss Mary Wilson, formerly supervisor of nursing in the maternity department of our hospital, who is now caring for her mother at their home in New Traer, Ia.; Vesta Knight Wrenne, who has a position as hospital hostess in Piedmont Hospital, Atlanta, Ga.; Evelyn Dennison Webb, who is a school nurse in Saginaw, Mich.; and Helen I. Denne, professor of nursing at the University of Wisconsin, who sent an announcement of her marriage to Walter B. Schulte in Madison on Nov. 10th.

CHRISTMAS IN HOSPITAL

(Continued from page 1, Col. 1)

be distributed to a large number of needy families known to the Social Service department. The annual Christmas party for children of hospital employes and children of the neighborhood will be given by the nurses at Sprague Home on Thursday evening, Dec. 23. Mrs. Ernest A. Hamill has sent her usual gift of \$225 toward the expense of Christmas activities at Sprague Home.

Mr. Asa S. Bacon, superintendent, is planning to spend his 38th Christmas in the hospital. An adequate staff of nurses, interns, resident doctors, technicians and other hospital personnel will be on duty as usual to look after needs of patients and take care of emergency admissions. Office and other employes whose work does not have to do with the care of patients will have a holiday.

WOMAN'S BOARD STARTED BULLETIN IN 1909—NEW PLAN ADOPTED IN 1936

Beginning with the first number issued by the Woman's Board in October, 1909, and continuing through July of this year, the Presbyterian Hospital Bulletin had been numbered consecutively without volume indication. The July issue was No. 100. Of these 100 numbers, 83 were sponsored by the Woman's Board, the editorial work and publication details having been handled by a committee, whose chairman served as editor. Six board members served in this capacity in turn as follows: Mrs. Henry H. Belfield, Mrs. James W. Janney, Mrs. James B. Herrick, Mrs. Alan B. Adamson (Irma Fowler), Mrs. Ernest E. Irons and Miss Harriet F. Gilchrist.

During the first few years, The Bulletin was issued quarterly but in later years publication was restricted to two or three numbers per year. It was an attractive booklet-style publication which did credit to its editors and disseminated a vast amount of information.

Beginning with January, 1936, The Bulletin in its present form has been published under the supervision of Mr. Asa S. Bacon, superintendent of the hospital, with Mrs. Florence Slown Hyde, a former newspaper writer, as editor. Having published No. 100 in July, it was decided to change to the volume-number designation. Hence, the August-September issue was No. 8 of Volume 29, this being the 29th year of publication and that number the 8th issued this year.

FACULTY-STUDENT RECEPTION

More than 200 faculty members, medical students, student nurses and other guests attended the annual faculty-student reception at Rush Medical College, Friday, Dec. 10. Refreshments and dancing in Rawson Library followed an appropriate talk by Dr. Gatewood, surgeon on the Presbyterian Hospital staff, and clinical professor of surgery in Rush Medical College. Members of both west and south side faculties of the University of Chicago Medical Schools were among the guests. George Wallace, president of the Rush class of 1938, and Robert Dangermond, senior class social chairman, were in charge of arrangements.

1937 CLASS GIFT

Four comfortable chairs upholstered in white leather and an attractive table now grace the lobby in Sprague Home. They are the gift of the 1937 graduating class.

SAFEGUARD BABIES, CHILDREN AGAINST INFECTIONS

Glass Partitions in Wards and Aseptic Measures Protect Patients

Babies cared for in the infant wards and little patients in the children's wards of the Presbyterian Hospital are now separated from each other by glass partitions, which are a great improvement over the screens formerly used for isolation purposes. Each little bed is placed in a glass protected cubicle of its own. The glass enables the children to see each other and the nurses to see all of the children from any part of the ward and from the corridor. At the same time the children are protected against possibility of an infection spreading from one to another.

Other Measures Observed

Many other measures have long been observed on our children's floor as safeguards against spreading any infection that might be brought in from the outside and develop following admission to the ward. All food for infants is prepared in our modern milk laboratory, presented to the hospital two years ago by Mrs. James Simpson in memory of her grandson, John Simpson, Jr. Feeding also is done by milk laboratory nurses. Nurses caring for other needs of infants wash their hands in sterile solution and change their gowns when going from one cubicle to another. The gown donned by the nurse is as much a part of each baby's paraphernalia as are the baby's own garments, individual wash basin and other articles. Strict rules with reference to visitors in the children's and infants' wards are observed as set forth by the Chicago Board of Health.

Have Incubator Ward

There are three six-bed wards for babies on the children's floor. A smaller ward is provided for newborn babies whose condition or that of their mothers necessitates removal from the nursery on the maternity floor and special medical care. Premature and other immature infants who require incubator care are kept in a special ward set aside for this purpose. Advances in medical knowledge and in the scientific care of premature babies now make possible the saving of many little lives and the bringing about of normal development. Expensive equipment and special nursing care is necessary to accomplish this and it is hoped that this work can be developed on a larger scale in our hospital through additional facilities and personnel. Our med-



GLASS CUBICLES SAFEGUARD SICK BABIES

This view of one of the wards for infants on our children's floor shows the recently installed glass partitions which form a cubicle for each bed and prevent spread of infections. Miss Tena Havinga, one of the graduate nurses on the pediatrics staff is shown with a five-months-old baby who was recovering from a serious illness and has since been discharged. Note the mask and gown worn by the nurse.

ical staff includes pediatricians widely known for their research and achievements in the care of the newborn as well as the health problems of children from infancy to adolescence.

Graduate Nurses in Charge

The nursing care of all patients on our children's floor is supervised at all times by graduate nurses who have had special training in pediatrics nursing. All child patients, whether private, part pay or free, are seen individually each day by the attending pediatricians, who prescribe medicine, treatment, diet, etc. The resident pediatrician supervises the intern staff in the medical care of patients between visits of the attending pediatricians.

Toys, picture and storybooks, and a radio help to brighten the days of child patients, as do also the daily visits of the Play Ladies from the Occupational Therapy department who are especially concerned with helping small patients engage in activities which have a definite therapeutic value as directed by the attending pediatrician.

*The earth has grown old with its burden
of care.*

*But at Christmas it always is young.
The heart of the jewel burns lustrous and fair.
And its soul full of music breaks forth
on the air.*

*When the song of the angels is sung.
—Phillips Brooks.*

LOVE, TACT, FIRMNESS ESSENTIAL IN CARING FOR CHILD PATIENTS

That babies and young children cannot thrive and develop properly without individual love and care is now generally acknowledged by psychologists. This is doubly true in the case of sick children. At the same time, Miss Mary Louise Morley, supervising nurse in charge of our hospital pediatrics department, says that there must be understanding and firmness along with love and kindness if the sick child is to eat and sleep and otherwise follow the routine that is necessary to make him well and strong.

All infant patients in the department are taken up and held in the arms of the nurse during each feeding, and bath time is set aside as individual playtime for each baby who is not too ill for such diversion. In carrying out the program that is essential for the welfare of children past the infant stage, the nurse must employ both tact and a sense of human along with firmness. The child patient does not differ from any other child in that he soon learns what those on whom he must depend for the things he wants will or will not permit him to have or do.

**GROUP HOSPITALIZATION
LEADER WILL ADDRESS
WOMAN'S BOARD JAN. 3**

Dr. C. Rufus Rorem, Ph.D., Director, Committee on Hospital Service, American Hospital Association, will be the speaker at the annual meeting of the Woman's Board in the hospital chapel, Monday, Jan. 3. His topic will be "Hospital Care Insurance." Mr. John McKinlay, president of the Board of Managers of the hospital, will preside. The unified report of the year's accomplishments of the various committees will be presented by Mrs. Lincoln M. Coy. Officers for 1938 will be elected. Mrs. Edwin M. Miller will present the report of the nominating committee.

Following an announcement at the December board meeting that funds were needed to meet the obligations assumed by the Woman's Board for the current year and to provide a balance with which to begin the new year's work, members present and others who had learned of the need promptly subscribed a total of \$5,400 in amounts ranging from \$1,000 to \$1. Others will be solicited with a view to raising a total of \$6,000 at this time. This is an outstanding example of the interest of the women of the board in the work of the hospital. Among the hospital activities supported by the Woman's Board are the Social Service department, Prenatal Clinic, and Patients' Library. The Woman's Board also contributes toward the support of the Occupational Therapy department, the child's free bed fund, and other work of the hospital and the School of Nursing.

PREPARE NUTRITION TRAYS

Food items comprising the nutrition exhibit of the National Livestock Meat Board at the recent International Livestock Show were prepared in the kitchens of the Presbyterian Hospital under the supervision of Miss Beulah Hunzicker, head dietitian, and Mr. Eric Bode, executive chef. The menus, which varied from day to day were planned by Miss Anne E. Boller, dietitian at Central Free Dispensary, instructor in dietetics at Rush Medical College, and director of the department of nutrition of the Livestock Meat Board. The exhibit included suitable diets for the pre-school, school, and adolescent child. Many favorable comments were received concerning the attractive arrangement of the trays exhibited each day.

Miss Florence E. Olson, 1930 graduate of our School of Nursing, was a recent visitor. Miss Olson is dietitian at the Welborn-Walker hospital in Evansville, Ind.

ABOUT OUR STAFF MEN

Dr. James B. Herrick, a member of the Presbyterian Hospital medical staff since 1891 and professor of medicine in Rush Medical College for many years, delivered a public lecture in Thorne Hall, Nov. 19, under the auspices of the Institute of Medicine of Chicago. His topic was "How Knowledge of the Heart and Its Diseases Has Developed."

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Three members of our surgical staff and a former intern were on the program of the 47th annual meeting of the Western Surgical Association in Indianapolis, Ind., Dec. 3 and 4. Dr. A. H. Montgomery was re-elected secretary of the association. Dr. Kellogg Speed presented a paper on "Spondylolysis" and Dr. Herman L. Kretschmer spoke on "Retropertoneal Paracancer Osteoma." Dr. Gatewood discussed the paper presented by Dr. Angus L. Cameron of Minot, N. D. on "Primary Malignancy of the Jejunum and Ileum." Dr. Cameron served an internship in our hospital in 1916.

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Dr. EDWIN M. MILLER was one of the speakers at a meeting of the American Academy of Medicine in San Diego, Calif., Nov. 30.

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Dr. WILLARD O. THOMPSON addressed the Stock Yards branch of the Chicago Medical Society, Nov. 11, on the topic "Recent Therapeutic Advances in Endocrinology."

Dr. DISRAELI KOBAK, head of our Physical Therapy department, gave an address on "Physical Therapy in Arthritis and Allied Conditions" before the Douglas Park branch of the Chicago Medical Society, Nov. 16.

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"Some Untoward Results in the Treatment of Fractures" was the subject of an address by Dr. KELLOGG SPEED before the Northwest branch of the Chicago Medical Society on Nov. 19.

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Dr. A. E. DIGGS gave a radio talk from station WJJD, Nov. 18, on "Gall Bladder Disease," under the auspices of the Educational Committee of the Illinois State Medical Society.

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At the autumn meeting of the Ninth Councilor District Medical Society at Marshfield, Wis. Nov. 3. Dr. CARL APPELBACH read a paper on "The Importance of Pathological Examinations."

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Dr. ADRIEN VERBRUGGHEN gave an illustrated lecture on "Treatment of Peripheral Nerve Injuries" on the evening scientific program of the midwinter clinical meeting of the Central States Society of Industrial Medicine and Surgery, held in Chicago, Dec. 3.

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Dr. EDWARD ALLEN was in Toronto, Can. Dec. 6 and 7, attending a meeting of the Gynecological and Obstetrical Junior Travel Club. He read a paper before the DuPage County Medical Society meeting at Elmhurst, Dec. 15.

ENTERTAIN PATIENTS

Patients who were able to go to the chapel on the afternoon of Dec. 4 were delightfully entertained by a program arranged by Mrs. C. L. Pollock, entertainment chairman of the Woman's Board. The program included vocal numbers by Miss Gladys Renie, accordion music by Miss Edith Rarity, and dancing by Miss Violet Allen and Miss Heather Bell McPherson. In response to an urgent request from a group of young men patients who were unable to leave their beds, the entertainers presented a second performance in Ward 4-A which was greatly appreciated.

KOONTZ-LYLE

Miss Grace Koontz, graduate of our School of Nursing (1937) and Dr. Francis M. Lyle, 1935 graduate of Rush Medical College of the University of Chicago, were married Thanksgiving evening at the Drexel Park Presbyterian Church by the Rev. Clinton C. Cox, pastor of the church. Dr. Lyle is a member of our intern staff, and Mrs. Lyle is doing private duty nursing.

**THE PRESBYTERIAN HOSPITAL
OF THE CITY OF CHICAGO**

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