

# **The Journal of Tropical Medicine and Hygiene**

**Edited by D. J. Bradley**

**W. A. M. Cutting  
R. G. Feachem  
A. P. Hall**

**A. Hill  
P. R. Payne  
W. Peters**

**A. Tomkins  
A. C. Turner**

**1989  
Volume 92**

Published for the London School of Hygiene & Tropical Medicine  
by Blackwell Scientific Publications  
Oxford London Edinburgh Boston Melbourne



## Contents

Number 1, February 1989

- 1 Frequencies of hepatitis B, delta and human immune deficiency virus in multitransfused Saudi patients with thalassaemia and sickle-cell disease  
*M. A. F. El-Hazmi and S. Ramia*
- 6 Re-evaluation of the value of ascitic fluid pH lactate dehydrogenase and total proteins in the diagnosis of spontaneous bacterial peritonitis (SBP)  
*M. El-Touny, L. Osman, T. Abd-El Hamid and M. S. Sabbour*
- 10 Evaluation of a sanitation programme using eggs of *Ascaris lumbricoides* in household yard soils as indicators  
*M. Muller, R. M. Sánchez and R. R. Suswillio*
- 17 Granulomatous peritonitis caused by *Ascaris* eggs: a report of three cases  
*N. Walter and H. Krishnaswami*
- 20 Mother-to-child transmission of hepatitis B virus in a semi-rural population in Egypt  
*Y. A. Ghaffar, M. E. El Sobky, A. A. M. Raouf and L. S. Dorgham*
- 27 Progress achieved in the control of schistosomiasis in Saudi Arabia  
*J. Ashi, F. Arfaa, M. Jeffri and M. Suwayri*
- 32 Inappropriateness of the association of diphenhydramine with diethylcarbamazine for the treatment of lymphatic filariasis  
*G. Dreyer and L. de Andrade*
- 35 Importance of group G streptococci in human pyogenic infections  
*K. N. Brahmadathan and G. Koshi*
- 39 Mebendazole retention enema for severe *Trichuris trichiuria* (Whipworm) infection: A case report  
*V. J. Sebastian, S. Bhattacharya and S. Ray*
- 41 Arteriomesenteric duodenal occlusion associated with strongyloidiasis  
*M. G. Lee and S. I. Terry*
- 46 Parasitic, bacterial and viral pathogens isolated from diarrhoeal and routine stool specimens of urban Bangladeshi children  
*B. Stanton, D. R. Silimperi, K. Khatun, B. Kay, S. Ahmed, J. Khatun and K. Alam*
- 56 Hepatitis B virus in Saudi Arabia  
*M. A. F. El-Hazmi*
- 62 Book reviews

Number 2, April 1989

- 67 Professor L. J. Bruce-Chwatt's 80th Birthday  
*P. C. C. Garnham*
- 71 Continuous monitoring of child mortality from clinic records  
*H. Pickering, P. H. David and A. G. Hill*
- 75 The response of *Plasmodium falciparum* to chloroquine and mefloquine in Bandar-Abbas and Minab areas, Hormozgan Province, southern Iran  
*Gh. H. Edrissian, A. Afshar, A. Kanani, M. T. Satvat, Gh. Mohsseni, K. Nasseri-Nejad, A. M. Emadi and M. Ghorbani*
- 80 Effect of *Campylobacter jejuni* extracts and culture supernatants on cell culture  
*S. Q. Akhtar and F. Huq*
- 86 Brucellosis in the Gezira area, Central Sudan  
*M. G. Mohd*
- 89 Caesarean section morbidity at district level in Zimbabwe  
*X. De Muylder*

- 93 Observations on the clinical manifestations and treatment of an experimental infection with *Brugia malayi* in man  
*Liu Jing-yuan, Wang Guan-quin, Chen Yu-nan, Tu Zhao-ping and Fang Zhen*
- 97 Characterization and significance of *Aeromonas* spp. isolated from diarrhoeic stools in Nigeria  
*F. O. Eko and S. J. Utsalo*
- 102 Severe reversible myopathy due to typhoid  
*G. M. Mody, V. Gathiram and E. A. K. Abdulla*
- 104 Characterization and antibiotic sensitivity of *Campylobacter jejuni* and *Campylobacter coli* isolated from children at the Lagos University Teaching Hospital (LUTH), Lagos, Nigeria  
*A. O. Coker, B. Olaiya, C. L. Obi and S. A. Alabi*
- 108 The ultrasound survey of gallstone disease of patients infected with *Clonorchis sinensis* in Southern Taiwan  
*Ming-Feng Hou, Chen-Guo Ker, Pai-Ching Sheen and Eng-Rin Chen*
- 112 Cytoadherence in human falciparum malaria as a cause of respiratory distress  
*C. E. P. Corbett, M. I. S. Duarte, C. L. P. Lancellotti, M. A. L. G. Silva and H. F. Andrade*
- 121 Letter to the Editor  
*P. Demedts, J. Coene and M. Wéry*
- 123 Book reviews

Number 3, June 1989

- 131 Editorial. The Commission on Health Research for Development  
*D. J. Bradley*

*Commission Paper*

- 133 Identifying health problems and health priorities in developing countries  
*R. G. Feachem, W. J. Graham and I. M. Timæus*

*Original articles*

- 193 Some social aspects of helminthiasis among the people of Gumau District, Bauchi State, Nigeria  
*O. B. Akogun*
- 197 Tubewell water consumption and its determinants in a rural area of Bangladesh  
*B. A. Hoque, S. R. A. Huttly, K. M. A. Aziz, M. Y. Patwary and R. G. Feachem*
- 203 Malaysian schistosomiasis: description of a population at risk  
*G. J. Greer, D. T. Dennis, P. F. Lai and H. Anuar*
- 209 Epidemiology and diagnosis of human brucellosis in Jordan  
*Y. F. Dajani, A. A. Masoud and H. F. Barakat*
- 215 The diagnosis and management of tropical ulcer in East Sepik Province of Papua New Guinea  
*G. E. Morris, R. J. Hay, A. Srinivasa and A. Bunat*
- 221 Rapid indirect haemagglutination (Rapid-IHA) using sensitized chick cells for serodiagnosis of amoebiasis at Primary Health Centre level  
*S. C. Parija, S. Kasinathan and R. S. Rao*

Number 4, August 1989

- 227 Professor Leonard Jan Bruce-Chwatt 1907-1989
- 229 Health economics in developing countries  
*B. Abel-Smith*
- 243 Cardiac changes in acute viral hepatitis in Varanasi (India): case reports  
*D. S. Singh, P. R. Gupta, S. S. Gupta, P. K. Bhatia, P. N. Somani, I. S. Gambhir and A. K. Khare*
- 249 Human cryptosporidiosis in the Arabian Gulf: first report of infections in children in Kuwait  
*P. R. Hira, F. Al-Ali, M. Zaki, Q. Saleh, D. Sharda and K. Behbehani*
- 253 Leptospirosis in piggy workers on Trinidad  
*C. O. R. Everard, G. A. Ferdinand, L. V. Butcher and J. D. Everard*

- 259 Extreme elevation of the erythrocyte sedimentation rate in patients admitted to a general medical ward in Harare, Zimbabwe  
*C. M. Stein and R. Xavier*
- 263 Soil-transmitted helminthiases among inhabitants of an oil-palm plantation in West Malaysia  
*Sau-Pheng Kan*
- 270 Haemoglobin genotypes and primary liver cell carcinoma in Africans  
*I. O. Olubuyide and M. A. Atoba*
- 272 Clinical experience with enteric fever in The Gambia, West Africa 1981-1986  
*T. S. Weeramanthri, P. T. Corrah, D. C. W. Mabey and B. M. Greenwood*
- 276 Focal neurological signs in cerebral malaria accounted for by preceding neurological damage  
*B. J. Currie and V. L. Krause*
- 279 Prevalence of antibody to hepatitis A virus in the Santa Cruz region of Bolivia  
*A. Bartoloni, D. Aquilini, M. Roselli, F. Parri, E. De Majo, L. E. Nunez, P. Nicoletti, G. Corti and F. Paradisi*
- 282 Choosing and using a microcomputer for tropical epidemiology. I. Preliminary considerations  
*P. Byass*
- 288 A case of post-partum toxic shock syndrome presenting in an African patient  
*R. Seeras*
- 290 Gastric emptying of oral rehydration solutions in acute cholera  
*B. J. Collins, F. P. L. Van Loon, A. Molla, A. M. Molla and N. H. Alam*
- 295 Transverse myelitis and hepatitis in varicella  
*F. Vahidy, K. Kazmi and S. M. Rab*
- 297 Book reviews

Number 5, October 1989

- 301 Water supply and sanitation  
*S. Cairncross*
- 315 An evaluation of the Widal test in the diagnosis of enteric fever  
*T. S. Weeramanthri, P. T. Corrah, D. C. W. Mabey and B. M. Greenwood*
- 317 Acute gluteal abscesses: injectable chloroquine as a cause  
*M. E. Ahmed and A. H. Fahal*
- 320 A study of recorded cases of foodborne diseases at Hyderabad during 1984 and 1985  
*R. N. Rao, P. Sudhakar, R. V. Bhat and C. P. Gupta*
- 325 Cause and prognosis of acute renal failure in Kuwait: a 2-year prospective study  
*G. Abraham, R. K. Gupta, A. Senthilvelan, J. van der Meulen and K. V. Johny*
- 330 Choosing and using a microcomputer for tropical epidemiology. II Study implementation  
*P. Byass*
- 338 Hookworm and roundworm infections in farm-worker communities in the large-scale agricultural sector in Zimbabwe  
*S. K. Chandiwana, M. Bradley and F. Chombo*
- 345 Seroprevalence of *Rickettsia typhi* and *Rickettsia conorii* infection among rodents and dogs in Egypt  
*A. K. Soliman, B. A. M. Botros, T. G. Ksiazek, H. Hoogstraal, I. Helmy and J. C. Morrill*
- 350 Electrocardiographic abnormalities in patients with Lassa fever  
*D. Cummins, D. Bennett, S. P. Fisher-Hoch, B. Farrar and J. B. McCormick*
- 356 Effects of clemastine, ketotifen and prednisolone on chloroquine-induced pruritus  
*B. Abila and R. Ikueze*
- 360 Intestinal parasitic infections among schoolchildren in Chiang Mai, northern Thailand: an analysis of the present situation  
*S. Kasuya, C. Khamboonruang, K. Amano, T. Murase, H. Araki, Y. Kato, Y. Kumada, A. Koyama, M. Higuchi, J. Nakamura, K. Tomida and S. Makino*

- 365 Chloroquine-resistant malaria in Jos, Nigeria  
*B. N. Okeahialam and E. N. Okeke*
- 367 Book reviews
- 372 Notice

Number 6, December 1989

- 373 Seroprevalence of murine typhus and fièvre boutonneuse in certain human populations in Egypt  
*B. A. M. Botros, A. K. Soliman, M. Darwish, S. El Said, J. C. Morrill and T. G. Ksiazek*
- 379 Development of Vero cell miniculture assay for detection of heat-labile enterotoxin of *Escherichia coli* and its significance  
*M. A. Choudhry, J. N. S. Yadava, B. S. Negi and M. P. Yadava*
- 383 Inefficacy of ethambutol, ethambutol plus isoniazid, INH plus rifampicin, co-trimoxazole and metronidazole in the treatment of kala-azar  
*C. P. Thakur and P. K. Sinha*
- 386 Influence of immunization schedule on immunization coverage  
*S. T. Chen*
- 391 Serological survey of antibodies to cytomegalovirus in the Santa Cruz region of Bolivia  
*A. Bartoloni, D. Aquilini, M. Roselli, F. Parri, E. De Majo, L. E. Nunez, G. Corti and F. Paradisi*
- 393 Hydatid cyst obstructing labour: a case report  
*P. Jasper, A. Peedicayil, S. Nair and R. K. George*
- 396 Attachment of toxigenic *Vibrio cholerae* 01 to various freshwater plants and survival with a filamentous green alga, *Rhizoclonium fontanum*  
*M. S. Islam, B. S. Drasar and D. J. Bradley*
- 402 Morbidity and mortality of bacterial meningitis in Arab children  
*A. A. Shaltout, L. T. Auger, N. B. Awadallah, Z. Hijazi, M. Johny, K. E. Hajj and H. Kandil*
- 407 Enzyme-linked immunosorbent assay as a diagnostic method for schistosomiasis haematobium. Standardization and application in the field  
*S. Uga, S. M. Gatica, E. Kimura, D. N. Muhocho and P. G. Waiyaki*
- 412 Electrophysiological studies of the eye, peripheral nerves and muscles in epidemic dropsy  
*H. P. S. Sachdev, M. S. Sachdev, L. Verma, N. N. Sood and M. Moonis*
- 416 Poliomyelitis: 20 years—the Pondicherry experience  
*S. Mahadevan, S. Anathakrishnan, S. Srinivasan, P. Nalini, R. K. Puri, S. Badrinath and R. S. Rao*
- 422 Graphite pneumoconiosis and its declining prevalence in Sri Lanka  
*C. G. Uragoda*
- 425 Human pulmonary dirofilariasis in India: a case report  
*B. P. Badhe and S. Y. Sane*
- 427 Hepatitis A antibodies: prevalence in Saudi Arabia  
*M. A. F. El-Hazmi*
- 431 Comparative efficacy of indirect haemagglutination test, indirect fluorescent antibody test and enzyme linked immunosorbent assay in serodiagnosis of typhoid fever  
*G. P. Rai, K. Zachariah and S. Srivastava*
- 435 Book reviews
- 441 Author index to Volume 92

