

public health, social medicine and hygiene

about 8000 current abstracts in 20 fully indexed issues a year.

All abstracts are classified under the following headings:

1 General aspects:

History; Health services; Health education; Legislation and jurisprudence; Forensic medicine; Medical economics; Social insurance; Mental hygiene; Sexology; Addiction; Medical education; Medical practice; Medical ethics; Hospitals; Drug control.

2 Statistics:

Research; Mathematical statistics; Data processing; Screening procedures; Biometry; Demography; Morbidity; Mortality; Vital statistics.

3 Communicable diseases:

General measures; Bacterial diseases; Rickettsial diseases; Spirochetal diseases; Viral diseases; Fungal diseases; Protozoal diseases; Helminthic diseases; Mycoplasmatic diseases.

4 Social hygiene:

Genetics; Congenital malformations; Birth control; Maternal welfare; Infant welfare; Child hygiene; Growth; School hygiene; Vocational guidance; Sport; Recreation; Physical hygiene; Rehabilitation; Cardiovascular disease; Cancer; Chronic diseases; Traffic medicine; Accidents; Intoxication, poisoning; Gerontology.

5 Industrial medicine:

Hygiene; Research; Accidents; Occupational diseases; Poisoning; Rehabilitation.

6 Dental hygiene.

7 Sanitation:

Climate; Microclimate; High altitude; Air pollution; Air disinfection; Environmental sanitation; Town planning; Housing; Water supply; Sewage, waste disposal; Shipping; Aviation; Space flight; Nonionizing radiation; Ionizing radiation; Nuclear energy.

8 Military medicine:

Hygiene; Warfare; Disasters.

9 Atomic warfare:

Fallout; Somatic and genetic effects; Civil defence.

10 Nutrition:

Nutritional status; Nutrients; Food handling; Food control; Milk, dairy hygiene; Food poisoning.

11 Veterinary hygiene, zoonoses.

12 Medical zoology:

Arthropods; Helminths; Molluscs; Rodents; Pesticides.

Annual subscription rate: US \$190.00/Dfl.494.00 postage included.

Quotations on back volumes will be provided on request.

The Dutch Guilder price is definitive.

excerpta medica P.O. Box 211 - Amsterdam - The Netherlands

The Quarterly Journal of Medicine

**Official Organ of the
Association for Physicians
of Great Britain and Ireland**

One of the leading medical journals published in the U.K. (Established 1907, New Series 1932). It covers the whole field of medicine but gives some emphasis to internal medicine. Its aim is to report advances in both diagnosis and treatment, and many of its papers are concerned with the development of growing points of current interest. The basic orientation is clinical, but the journal welcomes contributions with a patho-physiological approach. In the face of the present tendency to fragment the subject, *The Quarterly Journal of Medicine* attempts to provide general physicians with a synoptic view. Many of the contributions provide a desirable link between clinical and basic science. In addition to original papers, the journal also publishes occasional requested review articles on subjects of special interest.

Quarterly, £22.00 (UK £18.00, US \$45.00) p.a.
Single issues, £6.00 (\$15.00).

**Oxford
University Press**
Press Road, Neasden,
London NW10 0DD

CONTENTS

	PAGE
SANBORN, W. R., HABLAS, R., KOMALARINI, S., SINTA, TRENGGONOWATI, R., SADJIMIN, T., ATAS and SUTRISNA. Salmonellosis in Indonesia: phage type distribution of <i>Salmonella paratyphi A</i>	1
FRENCH, G. L., KING, S. D. and ST LOUIS, P. <i>Salmonella</i> serotypes, <i>Salmonella typhi</i> phage types, and anti-microbial resistance at the University Hospital of the West Indies, Jamaica	5
WRAY, C., SOJKA, W. J., MORRIS, J. A. and BRINLEY MORGAN, W. J. The immunization of mice and calves with gal E mutants of <i>Salmonella typhimurium</i>	17
HINTON, M. The diagnosis of salmonella abortion in cattle with particular reference to <i>Salmonella dublin</i> . A review	25
WORMALD, P. J. Age-sex incidence in symptomatic allergies: an excess of females in the child-bearing years	39
BETTELHEIM, K. A., COOKE, E. MARY, O'FARRELL, SHEILA and SHOOTER, R. A. The effect of diet on intestinal <i>Escherichia coli</i>	43
HOOD, A. M. Virulence factors of <i>Francisella tularensis</i>	47
MCLEAN, D. M., GRASS, P. N., JUDD, B. D., LIGATE, L. V. and PETER, K. K. Bunyavirus isolations from mosquitoes in the western Canadian Arctic	61
FREEDMAN, B. J. Travellers' diarrhoea: does it occur in the United Kingdom?	73
PEREIRA, MARGUERITE S. and CHAKRAVERTY, PRATIMA. The laboratory surveillance of influenza epidemics in the United Kingdom 1968-1976	77
ANDERHUB, B., PITT, T. L., ERDMAN, Y. J. and WILLCOX, W. R. A comparison of typing methods for <i>Serratia marcescens</i>	89
ELHAG, K. M., BAIRD, ROSAMUND M. and SHAW, ELIZABETH J. Water beds - a potential source of <i>Pseudomonas aeruginosa</i>	103
OJAJÄRVI, JUHANI, MÄKELÄ, PAAVO and RANTSALO, ILARI. Failure of hand disinfection with frequent hand washing: a need for prolonged field studies	107
HAMBRAEUS, ANNA, BENGTLSSON, STELLAN and LAURELL, GUNNAR. Bacterial contamination in a modern operating suite. 1. Effect of ventilation on airborne bacteria and transfer of airborne particles	121
MEDDICK, H. M. Bacterial contamination control mats: a comparative study	133
LIDWELL, O. M. Air exchange through doorways. The effect of temperature difference, turbulence and ventilation flow	141
GALLAGHER, J. and HORWILL, D. M. A selective oleic acid albumin agar medium for the cultivation of <i>Mycobacterium bovis</i>	155