

but in psychotherapy regard symptoms as signals of a breakdown in important personal relationships, and aim to train the patient to manage his crucial social roles.

H. J. WALTON.

## Chronic Disease Epidemiology

**Epidemiological Approaches to the Study of Cancer and Other Chronic Diseases.** Edited by William Haenszel. (Pp. 465 + xi. No price given.) Bethesda, Maryland: U.S. Department of Health, Education, and Welfare. 1966.

This monograph was issued as a memorial to the work of Harold Dorn, whose death in 1963 brought to a premature end a distinguished career in demography and medical statistics. It has now been recognized, thanks to the efforts of Dorn and others, that studies of the aetiology and prognosis of chronic

disease can be made only on a prospective (longitudinal) basis. A greater effort is required than for cross-sectional prevalence studies, and the most efficient methods have still to be worked out. Because Dorn devoted so much of his energies to these problems, it was thought fitting that papers selected for this monograph should be orientated to them.

The first paper appropriately is devoted to the first results of Dorn's own observations of the mortality among Government life-insurance policy-holders, a study begun in 1954 and designed to show the effects of smoking on health. This covers eight and a half years of accumulated data. Other papers on prospective studies include one by Doll and Bradford Hill on coronary thrombosis in relation to smoking, as observed in their classic follow-up of British doctors, and two papers by E. C. Hammond (one in association with L. Garfinkel) on the effects of smoking on health. There is a group of papers concerning the British-Norwegian migrants' study of mortality—that is, comparing the mortality of migrants and native-born in Great Britain, Norway, and the United

States. The aim of these studies is to assess the roles of host characteristics and environmental factors in levels of risks for cardio-respiratory disease and cancer. This is a massive project of data-management, and is of great methodological interest, apart from the findings themselves, which are also relevant both to the problem of population mobility and to the causation underlying international variations in mortality. Other papers are concerned with case-control studies of leukaemia, the use of cancer registers for prevalence and prognostic studies, and problems in the recording and analysis of causes of death (including a paper by Dorn himself on underlying and contributory causes of death).

As the editor William Haenszel remarks, these papers, though selected as connected with Dorn's work, are also "a fair sample of the present state of chronic disease epidemiology." By indicating problems still unsolved they emphasize the loss of one who was in the forefront of progress in this field.

B. BENJAMIN.

## Books Received

*Review is not precluded by notice here of books recently received.*

**Störungen der Sprache, der Stimme und des Gehörs durch frühkindliche Hirnschädigungen.** By Dr. Gerhard Böhm. (Pp. 194; illustrated. £2 17s. 6d.) Jena: Gustav Fischer. 1966.

**Psychotherapie-Fibel.** By Dr. G. Clauser. (Pp. 214 + xx. DM. 19.80.) Stuttgart: Georg Thieme. 1967.

**The Uptake and Storage of Noradrenaline in Sympathetic Nerves.** By Leslie L. Iversen. (Pp. 253 + xiii; illustrated. 57s. 6d.) London: Cambridge University Press. 1967.

**Physical Activity and the Heart.** Symposium, Helsinki, 1964. Edited by Martti J. Karvonen, M.D., Ph.D., and Alan J. Barry, Ph.D. (Pp. 405 + xviii; illustrated. \$15.50.) Springfield, Illinois: Charles C. Thomas. 1967.

**Radiation Therapy of Tumours and Diseases of the Nervous System.** By Jean Bouchard, M.D., F.A.C.R., F.P.C.P.(C.). (Pp. 244; illustrated. 78s. 6d.) London: Henry Kimpton. 1966.

**Law for the Physician.** By Carl Erwin Wasmuth, M.D., LL.B., F.A.C.A., F.C.L.M. (Pp. 583. £6 3s. 6d.) London: Henry Kimpton. 1966.

**Prevention of Ischaemic Heart Disease. Principles and Practice.** Edited by Wilhelm Raab, M.D. (Pp. 466 + xxxiii; illustrated. \$25.50.) Springfield, Illinois: Charles C. Thomas. 1966.

**Lecture Notes on Obstetrics.** 2nd edition. By Frank Musgrove, M.D., F.R.C.O.G., D.A. (Pp. 424 + vii; illustrated. 25s.) Oxford: Blackwell. 1966.

**Recent Advances in Pathology.** 8th edition. Edited by C. V. Harrison, M.D. (Pp. 414 + x; illustrated. 70s.) London: J. & A. Churchill. 1966.

**Recent Advances in Medical Microbiology.** Edited by A. P. Waterson, M.D., M.R.C.P. (Pp. 355 + viii; illustrated. 65s.) London: J. & A. Churchill. 1967.

**Les Céphalées Allergiques.** By J. Blamoutier and C. Denimal. (Pp. 122; illustrated. 24 F.) Paris: Expansion Scientifique Française. 1966.

**Biological Factors in Temporal Lobe Epilepsy.** Clinics in Developmental Medicine No. 22. By Christopher Ounsted, Janet Lindsay, and Ronald Norman. (Pp. 135; illustrated. 21s.) London: William Heinemann. 1966.

**The Genetics of Neurological Disorders.** By R. T. C. Pratt, M.A.(Oxon.), D.M., F.R.C.P., D.P.M. (Pp. 310 + vii. 80s.) London: Oxford University Press. 1967.

**Practice of Intermedullary Nailing.** By Dr. Gerhard Küntscher. Translated by Herman H. Rinne, M.D. (Pp. 374 + xiv; illustrated. \$14.00.) Springfield, Illinois: Charles C. Thomas. 1967.

**Chronic Diseases and Public Health.** Edited by Abraham M. Lilienfeld and Alice J. Gifford. (Pp. 846 + xvii. 88s.) London: Oxford University Press. 1967.

**Stereotaxis Atlas of the Forebrain of the Guinea Pig.** By Thomas J. Luparello. (Pp. 79. 63 plates. sFr./DM. 43.) Basle and New York: S. Karger. 1967.

**Erkänkungen während der Schwangerschaft.** Edited by Professor Helmut Kyank and Professor Martin Gültow. (Pp. 763 + xxviii; illustrated. £6 3s. 4d.) Leipzig: Georg Thieme. 1966.

**Säulenchromatographie an Cellulose-Ionenaustauschern.** Edited by M. Rybak, Z. Brada, and I. M. Hais. (Pp. 531 + graphs. £5 14s. 3d.) Jena: Gustav Fischer. 1966.

**Einführung in die Methodik der Röntgenuntersuchungen.** By Professor Z. B. Zsebok. (Pp. 312 + xii; illustrated. DM.96.) Stuttgart: Georg Thieme. 1967.

**The Ocular Fundus. Methods of Examination and Typical Findings.** By Professor Arno Nover, M.D. (Pp. 154 + xi; illustrated. £5 12s. 6d.) London: Henry Kimpton. 1966.

**The Art of the Soluble.** By P. B. Medawar, F.R.S. (Pp. 160. 25s.) London: Methuen. 1967.

**Handbook of Poisoning: Diagnosis and Treatment.** 5th edition. By Robert H. Dreisbach, M.D., Ph.D. (Pp. 483; illustrated. 37s. 6d.) Oxford: Blackwell. 1966.

**Disorders of the Respiratory Tract in Children.** Edited by Edwin L. Kendig, jun., M.D. (Pp. 834 + xxxiii; illustrated. £9 2s.) Philadelphia and London: W. B. Saunders. 1967.

**Peripheral Arterial Disease. Major Problems in Clinical Surgery.** Vol. 4. By Wiley F. Barker, M.D. (Pp. 229 + xiv; illustrated. £2 19s. 6d.) Philadelphia and London: W. B. Saunders. 1966.

**Clinical Management of Behaviour Disorders in Children.** 3rd edition. By Harry Bakwin, M.D., and Ruth Morris Bakwin, M.D. (Pp. 652 + xii. £5 1s. 6d.) Philadelphia and London: W. B. Saunders. 1966.

**Practical Dermatology.** 3rd edition. By George M. Lewis, M.D., F.A.C.P., and Clayton E. Wheeler, jun., M.D. (Pp. 679 + ix; illustrated. £4 7s. 6d.) Philadelphia and London: W. B. Saunders. 1967.

**Color Atlas of Dermatology.** By Joseph Kimmig, M.D., and Michael Jänner, M.D. (Pp. 304 + ix; illustrated. £15 15s.) Philadelphia and London: W. B. Saunders. 1966.

**A Manual of Tropical Medicine.** 4th edition. By George W. Hunter, III, Ph.D., William W. Frye, Ph.D., M.D., Sc.D.(Hon.), and J. Clyde Swartzwelder, Ph.D. (Pp. 931 + xxxi; illustrated. £6 9s. 6d.) Philadelphia and London: W. B. Saunders. 1966.

**Dermatologic Allergy: Immunology, Diagnosis, Management.** By Leo H. Crip, M.D., F.A.C.P. (Pp. 605 + xxvii; illustrated. £5 19s.) Philadelphia and London: W. B. Saunders. 1967.

**Pathology of the Kidney.** By Robert H. Heptinstall, M.D. (Pp. 836 + x; illustrated. £10.) London: J. & A. Churchill. 1966.

**The Electron Microscope in Molecular Biology.** By G. H. Haggis, M.A., Ph.D. (Pp. 84; illustrated. 24s.) London: Longmans, Green. 1967.

**The Biological Basis of Radiation Therapy.** Edited by Emanuel E. Schwartz, M.D. (Pp. 624 + xvi; illustrated. £7.) London: Pitman. 1967.

**Unusual Clinical Features of Cirrhosis and Primary Liver Cell Carcinoma.** By Luis Leon-Sotomayor, M.D., F.A.C.C.P., and Victor A. Moore, M.D., F.A.C.P. (Pp. 172 + xvii. \$9.50.) Springfield, Illinois: Charles C. Thomas. 1966.

**Health is a Community Affair.** Report of the National Commission on Community Health Services. (Pp. 252 + xiv. 40s.) London: Oxford University Press. 1967.