

text. The pictures, nearly all photomicrographs, are particularly well chosen and illustrate their points with admirable clarity.

Diseases of the physical systems are handled in the routine manner; disease groups according to cause are considered, and erythroblastosis foetalis is given a chapter to itself. In a one-man band such as this there is bound to be some unevenness of volume and tone. Thus, the central nervous system may be singled out as being most faithfully dealt with, but the section on sudden and unexpected death in infancy is not of the same standard and in view of the current interest in the subject might well have been less hypothetically tackled. In all, however, Dr. Stowens has produced a book which will give the children to whom it is dedicated well-merited pride and make those concerned with the teaching of paediatric pathology bless him.

I. A. B. CATHIE.

BIOLOGY IN ISRAEL

Medical and Biological Research in Israel. Edited by Moshe Prywes. (Pp. 562+xix; illustrated. \$8.) Jerusalem: Hebrew University of Jerusalem; Hadassah, the Women's Zionist Organization of America; Rubin Mass, Publishers. 1960.

To Sir Frederick Treves in 1912 Palestine was *The Land that is Desolate*, and the account of the country given in his book well justifies that title. At that time Palestine was under Turkish rule. After the war of 1914-18 it became British Mandated Territory and conditions became better. In 1948 the State of Israel was formed, and since that time a remarkable upsurge of vitality has altered the face of the land. This volume, to which 60 writers contribute, is a kind of intellectual stocktaking of what has been accomplished in every branch of medical and biological research during the first ten years of the State's existence. It is an impressive record.

In an introductory section some account is given of the main institutions which have made possible this rapid progress—the Hebrew University of Jerusalem, the Hadassah Organization, the Weizmann Institute of Science, and the Institutes of Biological Research and of Agriculture. The Ministries of Health and of Agriculture co-ordinate these activities. The achievements are astonishing. Land which was desolate is beginning to blossom. Waste areas are becoming fertile. Pastures neglected for centuries are being renewed. There are even prospects of cultivation in the desert. For a population of 2 million there are 5,000 doctors and the average length of life has been increased by several years.

Every branch of medical research is being eagerly pursued, and the recent award of the Robert Jones medal to Dr. Makin, of Jerusalem, for his work on osteogenesis shows that these researches are having an impact on other countries. We were impressed by the serious comprehensiveness of the Oath of the Hebrew Physician taken by the graduates of the university, and we were interested, but slightly surprised, to learn that in the Israeli State military service is compulsory for both men and women. For several thousand years Palestine has been the troubled site of military conquest, which prevented full economic development. This is the first time that scientific researches have been applied on such a scale, and the remarkable results deserved to be recorded.

ZACHARY COPE.

BOOKS RECEIVED

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

The Dying Art. By John Playfair. (Pp. 223. 15s.) London: Gerald Duckworth and Co., Ltd. 1960.

Antisera, Toxoids, Vaccines and Tuberculins in Prophylaxis and Treatment. By H. J. Parish, M.D., F.R.C.P.E., D.P.H., and D. A. Cannon, O.B.E., M.B., B.Sc., D.T.M.&H. (Pp. 287+viii; illustrated. 37s. 6d.) Fifth edition. Published for the Wellcome Foundation Ltd. by E. and S. Livingstone Ltd. 1960.

Factors Controlling Erythropoiesis. By James W. Linman, M.D., and Frank H. Bethell, M.D. (Pp. 208+ix; 66s.) Springfield, Illinois: Charles C. Thomas Company, Ltd. 1960.

Emboic Dispersoids in Health and Disease. By Gus Schreiber, B.S., M.D. (Pp. 85+vi; illustrated. 44s.) Springfield, Illinois: Charles C. Thomas. 1960.

Leukemia Cutis. By Samuel M. Bluefarb, B.S., M.D., F.A.C.P. With an introduction by Marcus R. Caro, M.D. (Pp. 489+xxvi; illustrated. £7 8s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications Ltd. 1960.

The Basic Physics of Radiation Therapy. By Joseph Selman, M.D. (Pp. 671+xx; illustrated. £5 16s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications Ltd. 1960.

Genetics, Genetic Information and the Control of Protein Structure and Function. Transactions of the First Conference October 19, 20, 21, and 22, Princeton, N.J. Edited by H. Eldon Sutton, Ph.D. (Pp. 229; illustrated. No price.) New York: Josiah Macy, Jr., Foundation. 1960.

Der Aminosäuren-Haushalt des Menschen. By Dr. Dieter Mütting. (Pp. 167. No price.) Aulendorf i. Würt.: Editio Cantor. 1958.

Circulatory Ulcers. A Physical Approach. By Hilton G. Transchell, B.D.(Yale), M.C.S.P., and Charles R. Bannister, M.C.S.P. (Pp. 91; illustrated. 12s. 6d.) Bristol: John Wright and Sons Ltd. 1960.

The Growth of Scientific Physiology. Physiological Method and the Mechanist-Vitalist Controversy. Illustrated by the Problems of Respiration and Animal Heat. By G. J. Goodfield. (Pp. 174. 18s.) London: Hutchinson and Company Ltd. 1960.

Health in Childhood. By Richard W. B. Ellis. (Pp. 250. 5s.) Penguin Books. 1960.

The Metabolic Basis of Inherited Disease. Editors John B. Stanbury, M.D., James B. Wyngaarden, M.D., and Donald S. Fredrickson, M.D. (Pp. 1,477+xiv; illustrated. £11 12s.) New York, Toronto, London: McGraw-Hill Book Company, Inc. 1960.

Outline of Pathology. By John H. Manhold, Jr., D.M.D., M.A., F.A.C.D., and Theodore E. Bolden, D.D.S., M.S., Ph.D. (Pp. 340+ix. 33s.) Philadelphia and London: W. B. Saunders Company. 1960.

The Structure and Function of Muscle. Edited by G. H. Bourne. Volume II *Biochemistry and Physiology*. (Pp. 593+xiv. £5 18s.) New York and London: Academic Press. 1960.

Really, Nurse! Hundreds of Nursing 'howlers' taken from the Actual Examination Papers of Many Great Hospitals. Compiled by Roger Brook. Drawings by Timothy Birdsall. (Pp. 62; illustrated. 6s.) London: Souvenir Press Ltd. 1960.

The Structure and Function of Muscle. Edited by G. H. Bourne. Vol. III *Pharmacology and Disease*. (Pp. 489+xiv; illustrated. £5 7s. 6d.) New York and London: Academic Press. 1960.

Clinical Cardiopulmonary Physiology. Second edition, revised and enlarged. Sponsored by the American College of Chest Physicians. (Pp. 1,001+xi; illustrated. \$28.50.) New York and London: Grune and Stratton. 1960.

Izdatel'stvo Akademii Nauk SSSR Moskva-Leningrad, 1960. (Pp. 198; illustrated. No price.) 1960.

The Reluctant Surgeon. The Life of John Hunter. By John Kobler. (Pp. 359. 21s.) London, Melbourne, Toronto: Heinemann. 1960.

A Short Guide for Clinical Students. By Andrew Whelton, M.D., F.R.C.P.I. (Pp. 19. 2s.) Ireland: Cork University Press. 1960.

Medico-Legal

INQUEST: DEATH FROM PENICILLIN ANAPHYLAXIS

A verdict of death by misadventure was returned at an inquest recently on a man who died in a doctor's consulting-room from anaphylactic shock after an injection of one million units of benzylpenicillin. He had had a course of penicillin in hospital six months previously without untoward effect.

The deceased, who was aged 53, was a diabetic of seven years' standing and was having 7 units of soluble insulin and 17 units of protamine zinc insulin daily. He was also syphilitic, and because of the onset of unsteady gait, loss of balance, and double vision he was admitted to hospital in May, 1960. He was discharged towards the end of June after a 15-day course of penicillin, and his general practitioner was asked to continue with injections of cyanocobalamin for a possible diabetic neuropathy. In September he complained of a return of his neurological symptoms, and his doctor gave him an injection of one million units of benzylpenicillin. He collapsed almost immediately, had difficulty in breathing, bubbling respirations, and a thready pulse. He was given an injection of adrenaline, but died within three minutes.

A consultant pathologist who carried out a post-mortem examination said in evidence that the history of sudden collapse and death within three minutes of an injection of penicillin was indicative of an anaphylactic reaction to the drug. The necropsy revealed nothing to alter this view. There was disease of various organs, but only that in the heart could be associated with sudden death. Here there was narrowing of the coronary arteries and fibrosis of the heart muscle which could have accelerated death by intensifying the effect of the drug reaction. The short interval of time between the injection and the collapse would rule out a Herxheimer reaction.

Risks of Penicillin Reaction

The pathologist told the coroner that reactions to penicillin were increasing. Penicillin sensitivity covered the whole range of hypersensitive reactions and could occur with any type of penicillin preparation and with any route of administration. It was found most often in persons with an allergic constitution; these comprised about one in seven of the population. The serious reactions usually occurred, as in this case, in those who had been given penicillin on previous occasions, although death had occasionally been reported after the first injection. In some cases the previous injections had been attended by minor reactions which put the physician on his guard; but, as in this case, there were occasions when the previous injection had been administered with no untoward reaction.

Most authors, the pathologist said, now agreed that penicillin should not be given for minor ailments and that local application and depot penicillins should be avoided when at all possible. Prior to giving penicillin the patient should be asked about previous reactions to the drug, and those with an allergic history or who had had a reaction should be subjected to a scratch test and an intracutaneous test to evaluate the risk.

MINISTERIAL INQUIRY: DIFFERENCES BETWEEN HOSPITAL BOARD AND COMMITTEE

[FROM OUR LEGAL CORRESPONDENT]

The Minister of Health released on December 24 an interim report by a committee appointed by him under section 70 of the National Health Service Act, 1946, to inquire into "the differences which have arisen between the Sheffield Regional Hospital Board and the Barnsley Hospital Management Committee leading up to and arising out of a direction dated

May 9, 1960, given by the Board to the Committee under section 12 of the National Health Service Act, 1946, directing the reinstatement of Miss Mary Gwendoline Burns as matron of the St. Helen Hospital, Barnsley."

Miss Burns had been matron of St. Helen Hospital for 20 years. On March 10, 1960, she wrote to the group secretary of the hospital management committee upon an administrative matter. Her letter contained the comment, expressly for the consideration of the committee, that "I am of the opinion that what with one thing or another the hospitals in this group are functioning administratively with 100% inefficiency and it is time an inquiry was instituted."

After some correspondence between Miss Burns and the committee, the committee gave her a month's notice terminating her engagement. The special appeals committee of the regional hospital board held an inquiry into the dismissal, and on May 9, 1960, it directed the reinstatement of Miss Burns as matron. The dismissal and subsequent appeal centred entirely on Miss Burns's letter of March 10, 1960, and the subsequent correspondence. The Ministerial committee of inquiry formed the opinion that that was not the true reason for her dismissal. There appeared to be a long history of dissension, none of which was particularized.

Scope of Inquiry

After the case for the board had been put to the committee of inquiry, the committee stated that it could discharge its duty only if it fully explored the charges of previous disloyalty made by the management committee against Miss Burns and of the inefficiency alleged by Miss Burns. Counsel for both the Board and Miss Burns objected that this would go outside the terms of reference of the inquiry. The committee of inquiry did not accept this submission, but did make an interim report to the Minister in order to ascertain his views on the scope of their terms of reference. In the meantime, the committee of inquiry directed that the management committee and Miss Burns should each prepare written particulars of the charges of previous misconduct which each had made.

Suggested Settlement

At the request of counsel for the parties concerned the committee of inquiry received a draft of an agreement for the settlement of the dispute. The committee forwarded this draft to the Minister with a recommendation that the terms be approved by him. The agreement involved the reinstatement of Miss Burns to all pay and privileges up to her retirement date in March, 1962, but provided that she should remain on leave until that date.

The Minister has directed that the inquiry into the full particulars of the dissension between the board and management committee should proceed. He expressed no view at this stage on the draft agreement.

The members of the committee of inquiry are Mr. Charles E. Scholefield, Q.C., and Mrs. Isabel Graham-Bryce.

Universities and Colleges

UNIVERSITY OF LONDON

The following candidates at the London School of Hygiene and Tropical Medicine were awarded the Diploma in Public Health on July 20, 1960:

C. E. Acosta-Sierra, Eva D. Alberman, J. S. Allan, W. G. L. Allan, J. A. D. Anderson, B. Azemoun, J. Barnes, P. P. Barua, A. T. Barwood, Ba Tun, Joyce Biswas, R. J. P. Blyth, R. K. Bowman, T. D. Browne, P. Cauthery, J. Cohen, I. H. Colley, W. R. Costain, D. M. Devane, L. J. Dobrzynski, V. A. H. Fernando, T. Gibson, G. A. R. Giri, Anna M. Hargreaves, A. Hargreaves, M. Haque, D. B. Hill, *J. S. Horner, Desiraie M. G. Howells, B. Ignjatovic, B. M. Kleczkowski, J. Leowski, A. Liapis, Elizabeth M. McM. Love, A. W. Macara, R. L. Markham, Lilian M. Morgan, Nellie M. Plowright, Elizabeth S. M. Quamina, *J. J. Rippey, J. T. Roberts, A. McO. Robertson, O. W. Schmitt, R. Schram, G. S. Sethi, A. Sonis, B. H. Strangways-Dixon, Mary M. Tannahill, F. Tavill, B. Taylor, S. R. Vempaty, M. H. M. El-H. Wahdan, J. P. C. L. F. Wanigaratnam, Grace A. M. Webster.

The degree of M.D. was awarded to B. M. Hibbard on November 16, 1960.

*Awarded a mark of distinction.

Sheffield University, Department of Psychiatry.—Short course, mainly on psychiatric problems in general practice, March 25, 26. Details on advertisement p. 64.

NEW ISSUES OF SPECIALIST JOURNALS

The journals listed below are obtainable from the Publishing Manager, B.M.A. House, Tavistock Square, London W.C.1.

ARCHIVES OF DISEASE IN CHILDHOOD

- The Genetic Mechanism of Galactosaemia.** Kenneth Hugh-Jones, Alvah L. Newcomb, and David Yi-Yung Hsia.
- The Oxygen Tension of the Blood in the Umbilical Cord and the Intervillous Space.** S. Sjöstedt, G. Rooth, and F. Caligara.
- Absent Umbilical Artery. A Review of 113 Cases.** Gordon L. Bourne, and Kurt Benirschke.
- The Number of Alveoli in the Terminal Respiratory Unit of Man During Late Intrauterine Life and Childhood.** J. L. Emery and A. Mithal.
- Correlation Between Birth Weight and Clinical Findings in Diplegia.** Elspeth M. Russell.
- Sugars in the Blood and Urine of Children Following the Ingestion of Disaccharides.** J. C. Haworth.
- Adrenal Cortical Hypoplasia in Siblings.** J. F. Boyd and A. M. MacDonald.
- Postural Treatment of Children with a Partial Thoracic Stomach ("Hiatus Hernia").** I. J. Carré.
- "Sweat Test" Results in Normal Persons of Different Ages Compared with Families with Fibrocystic Disease of the Pancreas.** Charlotte M. Anderson and Mavis Freeman.
- The Significance of Intimal Thickening in the Arteries of the Newborn.** J. H. Robertson.
- Histiocytic Medullary Reticulosis in a Child.** Malcolm Fowler.
- Deficiency of Vitamin B₁₂ After Extensive Resection of the Distal Small Intestine in an Infant.** A. C. L. Clark and C. C. Booth.
- Chronic Non-haemolytic Jaundice with Conjugated Bilirubin in the Serum and Normal Liver Histology: A Case Study.** Markus F. Vest, Herbert J. Kaufmann, and Elvira Fritz.
- Arteriovenous Aneurysm of the Great Vein of Galen with Heart Failure in the Neonatal Period.** A. E. Claireaux and C. G. H. Newman.
- Two Cases of Reticuloendotheliosis—Letterer-Siwe Syndrome.** Margaret D. Baber.
- A Case of Severe Hypercalcaemia of Infancy with an Account of the Neuropathological Findings.** L. Crome and Peter E. Sylvester.
- Book Reviews.**
- Index.**

Volume 35, No. 184. (Bi-monthly; £4 4s. annually.)

SOCIETIES AND LECTURES

A fee is charged or a ticket is required for attending lectures marked ●. Application should be made first to the institution concerned.

Sunday, January 22

CAMBRIDGE UNIVERSITY MEDICAL SCHOOL.—At Nurses' Home, Chesterton Hospital, Cambridge, symposium on Old Age in the Modern World. *Morning*, 10.30 a.m., Dr. W. Davison: Hospital Service for the Elderly; 11.30 a.m., Dr. J. E. Birren, Ph.D. (Washington, U.S.A.): Some Psychological Aspects of Ageing; 12.15 p.m., Dr. P. A. Tyser: Community Care of the Elderly. *Afternoon*, 2.15 p.m., film: The Proud Years; 3 p.m., discussion.

Monday, January 23

HUNTERIAN SOCIETY.—At Livery Hall, Guildhall, London E.C., 8.30 p.m., Hunterian Lecture by Professor Fritz Linder (Berlin): Survey of Surgery in Germany, with Special Reference to Pulmonary Lesions.

LONDON UNIVERSITY.—At Birkbeck College, Malet Street, W.C., 6 p.m., special university lecture in psychology by Dr. Simon Biesheuvel (Johannesburg): Problems of Cross-cultural Ability Testing.

MANCHESTER MEDICAL SOCIETY.—(1) SECTION OF ODONTOLOGY.—At Lecture Room, Dental Hospital, 4.30 for 5 p.m., Dr. A. Holzel: Allergy. (2) SECTION OF GENERAL PRACTICE.—At Large Anatomy Theatre, Manchester University Medical School, 8.30 for 9 p.m., Dr. L. A. Liversedge: Fact and Fancy in the Treatment of Multiple Sclerosis.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. W. T. Cooke: Regional Enteritis.

Tuesday, January 24

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Professor G. Causey: Structure and Function of the Supporting Tissue of the Nervous System.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. K. V. Sanderson: Epithelial Tumours.

MANCHESTER MEDICAL SOCIETY.—At Large Anatomy Theatre, Manchester University Medical School, 4 for 4.30 p.m., university lecture on the History of Medicine by Professor J. E. C. T. White: Discovery of Man.

ST. MARY'S HOSPITAL MEDICAL SCHOOL.—At Lecture Theatre, Wright-Fleming Institute, 5 p.m., Dr. Erica Wachtel: Cancer Diagnosis by Vaginal Cytology.

SOCIETY FOR THE STUDY OF ADDICTION.—At Medical Society of London, 8 p.m., Professor G. C. Drew, M.A.: Effect of Small Doses of Alcohol on Skills.

Wednesday, January 25

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. Y. M. Clayton: Fungi Causing the Mycotic Diseases.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. J. G. Scadding: Effects of Corticosteroids in Tuberculosis.

INSTITUTE OF UROLOGY.—4.30 for 5 p.m., Mr. K. Owen: Kidney Disease and High Blood Pressure.

OXFORD UNIVERSITY.—At Radcliffe Infirmary, 5 p.m., Litchfield Lecture by Sir John Peel: Diabetes in Pregnancy.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. H. E. M. Kay: Realities of Bone Marrow Transplantation.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Arnot Demonstration by Professor G. W. Causey: An Appreciation of the Fine Structures of Some of John Hunter's Specimens.

ROYAL FREE HOSPITAL, Gray's Inn Road, London W.C.—5.15 p.m., Dr. D. A. J. Tyrrell: Common Cold Problem.

ROYAL SOCIETY OF HEALTH.—At Shire Hall, Chelmsford, 10 a.m., Mr. S. E. Willis, M.R.S.H.: Large Scale Refuse Disposal; Mr. P. C. Wood, B.Sc., Dip.Bact.: Production of Clean Shellfish; Dr. T. D. Blott: Role of the Local Authority in Shellfish Control.

SOCIETY OF CHEMICAL INDUSTRY.—At 14 Belgrave Square, London S.W., 6.15 p.m., joint meeting of Food Group and Oils and Fats Group. Professor A. C. Frazer: Some Biological Effects of Heated Fats.

Thursday, January 26

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Professor W. V. Mayneord: Radioactivity of the Human Environment.

CHILTERN MEDICAL SOCIETY.—At High Wycombe Hospital, 8.30 p.m., combined obstetric meeting with Medical Services Commission.

GROUP FOR REPRESENTATION OF THE VIEWS OF CLINICAL PSYCHIATRISTS.—At Rygate Room, Tavistock House North (Fourth Floor), Tavistock Square, London W.C., 5.30 p.m., committee meeting.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Mr. A. J. King: Skin Manifestations of Treponematoses I.

LIVERPOOL MEDICAL INSTITUTION.—Symposium on Renal Failure: Treatment by Artificial Kidney. To be introduced by Mr. J. Cosbie Ross, Dr. Donald Watson, and Mr. Eric Edwards.

LONDON UNIVERSITY.—(1) At School of Pharmacy, 29-39 Brunswick Square, W.C., 5.30 p.m., special university lecture in pharmacy by Professor T. Vályi-Nagy (Debrecen, Hungary): Pharmacology of Antibiotics. (2) At Bearsted Theatre, London Hospital Medical College, Turner Street, E., 5.30 p.m., special university lecture in human anatomy and morphology by Dr. F. C. Fraser F.L.S., F.M.A.: Adaptations in Cetaceans.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Arris and Gale Lecture by Mr. N. G. Rothnie: Changes in Blood Coagulation Due to Perfusion for Open Heart Surgery.

ST. ANDREWS UNIVERSITY.—At Physiology Department Lecture Theatre, 5 p.m., Dr. E. J. Ross: Aldosterone.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.—5 p.m., Dr. Hamilton Paterson: postgraduate demonstration in neurology.

● **WEST LONDON MEDICO-CHIRURGICAL SOCIETY.**—At Rembrandt Hotel, S.W., 7.30 for 8 p.m., dinner meeting. The Reverend Maurice Bell: Social Upheavals in Western South America.

Friday, January 27

● **INSTITUTE OF DERMATOLOGY.**—5.30 p.m., Dr. C. D. Calnan: clinical demonstration.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. J. R. Bignall: clinical demonstration.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Dr. T. V. L. Crichton: Cholesteatoma and Mastoid Disease with Demonstration of X-ray Films.

INSTITUTE OF RURAL LIFE AT HOME AND OVERSEAS.—At Friends International Centre, 32 Tavistock Square, London W.C., 12.30 for 1.15 p.m., Dr. Wallace R. Aykroyd: Work and Objectives of F.A.O.

LONDON UNIVERSITY.—At School of Pharmacy, 29-39 Brunswick Square, W.C., 5.30 p.m., special university lecture in pharmacy by Professor T. Vályi-Nagy: Pharmacology of Antibiotics.

MEDICAL SOCIETY FOR THE STUDY OF VENEREAL DISEASES.—At 11 Chandos Street, W., 7.30 p.m., Future of Venereology. To be introduced by Dr. Robert Lees and Mr. Ambrose King.

MIDLAND CENTRE FOR NEUROSURGERY. Holly Lane, Smethwick.—8 p.m., Dr. W. Ritchie Russell: Aphasia (with Special Reference to Traumatic Aphasia).

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—(1) 10 a.m., Mr. Sol Cohen: Limb Gangrene. (2) 4 p.m., Dr. S. Bell: Management of Malaria.

ROYAL INSTITUTION.—9 p.m., Woodhuil Lecture by Professor P. B. Medawar, D.Sc., F.R.S.: Principle and Paradox in Eugenics.

SOCIETY OF MEDICAL OFFICERS OF HEALTH (WELSH BRANCH).—At B.M.A. House, 195 Newport Road, Cardiff, 6.30 p.m., Dr. R. A. N. Hitchens and Dr. W. E. Miall: Blood Pressure.

Saturday, January 28

BIOCHEMICAL SOCIETY.—At Courtauld Hall, Queen Elizabeth College, Campden Hill Road, London W., 10.25 a.m., 402nd meeting.

NORTH-EAST METROPOLITAN THORACIC SOCIETY.—At Clinical Lecture Theatre, St. Bartholomew's Hospital, 9.30 for 10 a.m., (1) Mr. Ian M. Hill: On Conservation of Lung; (2) Dr. N. C. Oswald: Chronic Bronchitis, a Five Year Follow-up; (3) Mitral Valvotomy—a Comparison of the Results Obtained by the Transatrial and Transventricular Routes.

BIRTHS, MARRIAGES, AND DEATHS

DEATHS

Battle.—On December 24, 1960, the result of an accident, Anthony Thomas Battle, M.B., Ch.B., D.Obst.R.C.O.G., of Middleton, Manchester, aged 29.

Brigstocke.—On December 24, 1960, in hospital, Percy Ward Brigstocke, O.B.E., M.B., of Wisborough, East Grinstead, Sussex, aged 89.

Dunlop.—On December 22, 1960, at Pye House, Ross-on-Wye, Herefordshire, John Leeper Dunlop, M.C., M.B., B.Ch., aged 77.

Foster.—On December 26, 1960, at Haslemere, Surrey, Michael Bernard Foster, M.D., D.P.H., formerly of Harrogate, Yorks, aged 90.

Grant.—On December 28, 1960, at his home, 16 Balfour Road, Southport, Lancs, Colin Grant, M.B., Ch.B., recently of 25 Duke Street, Southport.

Handoo.—On December 26, 1960, at his daughter's home, 5k New Road, Alipore, Calcutta, Hari Krishna Handoo, M.B., B.S., of 103 Fortress Road, London N.W., aged 60.

Hopkins.—On December 25, 1960, Walter Donald Hopkins, M.R.C.S., L.R.C.P., of Bradfield, Keston, Kent.

Hopkinson.—On December 21, 1960, in Newcastle General Hospital, Dorothy Hopkinson, M.B., B.S., of 17 West Avenue, Gosforth, Newcastle upon Tyne.

Kewley.—On December 26, 1960, Arthur George Kewley, L.R.C.P.&S.Ed., L.R.F.P.S., of Marston Court, Oxford, aged 97.

Mair.—On December 24, 1960, Andrew Mair, M.D., D.P.H., of 4 Homefield Road, Worthing.

Pedrick.—On December 27, 1960, Percy Vivian Giles Pedrick, M.R.C.S., L.R.C.P., L.D.S., of 30 Earls Road, Tunbridge Wells, Kent, formerly of Teignmouth, Devon, aged 80.

Samuels.—On December 25, 1960, at 16 Streatham Place, London S.W., William Frederick Samuels, L.M., L.Ch., late of Malaya and West Indies, aged 84.