

climatic localization and an epidemiology highly suggestive of an infection transmitted by an arthropod vector.

The next element of drama was introduced when Epstein resolved to seek a possible causative virus after hearing a lecture by Burkitt. Attempts to demonstrate a virus in the tumour itself had already failed, but Epstein grew the tumour cells in culture, and in this situation away from the body's defences the virus was demonstrable within the cells. The virus proved to be a hitherto undescribed Herpes type particle (E.B.

virus), characterized largely in ultrastructural studies at a time when senior virologists were counselling their colleagues to discard the electronmicroscope because so many pseudovirus particles were being described. As a final touch of drama, the virus was seen perfectly in the very first grid examined. To add a last twist to the plot, Burkitt suggests that the insect vector does not transmit the virus, but rather an infection (for example malaria) that modifies host immune responses and enables the endemic virus to induce tumours.

This volume covers all aspects of the problem up to 1970. Each chapter is written by an expert, and workers such as J. N. P. Davies who have also made significant contributions receive their due. The book is well produced and indexed, although the photographic reproductions are not outstanding in quality. It is a valuable summary of present knowledge of a disease that in Harold Himsworth's words may prove to be a Rosetta stone for cancer research.

W. G. SPECTOR

## Looking at the Larynx

**Laryngography and Cinelaryngography.** G. H. M. Landman. (Pp. 153; 75s.) Excerpta Medica. 1970.

Laryngography is not a new subject. As far back as 1934 I remember hearing Dr. G. Jönsson evaluating this method at the Soder Hospital in Stockholm. The method was not further developed at that time, probably for lack of a really suitable contrast medium, and also by the emergence of another technique—tomography. More recently thanks to better modern contrast media like Dionosil and Hytrast, Powers and his colleagues in 1957 resuscitated the method, and there is no doubt that laryngography, and if possible cinelaryngography, is a "must" in investigating any disease of the larynx.

Dr. G. H. M. Landman has based his monograph on 400 laryngograms, of which 325 were also studied by cinelaryngography, 300 by linear tomography, and 50 by polytomography. So good has been his technique and his methods that he has had only three failures in his large series. Moreover, he has correlated his x-ray findings with those of the otolaryngologist at operation, which is the ideal method of study.

From personal experience I would agree with the author in all his findings, and especially with his point of view that polytomography does not give further information than linear tomography. Thus, laryngography can be performed in any x-ray department in the United Kingdom, while polytomography is still limited to only about

a dozen centres. However, on one point in this admirably written and beautifully illustrated monograph I would disagree with the author, and that is when he says: "As a rule, the lateral plain radiograph is centered with the aid of a fluoroscopic screen." This could be a dangerous radiation hazard, and any competent radiographer should be able always to produce a good lateral view of the larynx.

This monograph is the most excellent and complete survey of this subject up to date, and is to be thoroughly recommended to all interested in the larynx, whether they be surgeon, radiologist, or student.

THOMAS V. CRICHLAW

## Dreaming Spires

**Oxford Medicine: Essays on the Evolution of the Oxford Clinical School to Commemorate the Bicentenary of the Radcliffe Infirmary 1770-1970.** Ed. Kenneth Dewhurst, D.Phil., D.P.M. (Pp. 212; 50s.) Sandford Publications. 1970.

This elegant volume of essays, lectures, and addresses on the evolution of medicine at Oxford, reprinted from a variety of journals but principally from the *Oxford Medical School Gazette*, commemorates the bicentenary of the Radcliffe Infirmary, to the amenity fund of which the profits of the publication are to be devoted.

It starts with a stimulating talk to the Osler Society by Dr. H. M. Sinclair on "Some Ups and Downs of Oxford Science," in which the past history of medicine at Oxford (with a peep into the future) is admirably reviewed with a dry sardonic humour. It ends with several urbane addresses by the emeritus Nuffield

professor in his characteristically erudite prose. There are some 24 other contributors on Oxford physicians, scientists, medical characters, and regius professors down the centuries—and what a pageant they make! Linacre, Sydenham, Willis, Locke, Radcliffe, Acland, Osler, Garrod, Haldane, Sherrington, Florey, and many others. The sketches of the patrons who supported them like Lords Lichfield and Nuffield are equally intriguing. Lastly, it would be interesting to imagine the probable reactions of a modern dean of a medical school to Robert Bridges, the Poet Laureate, who stated at his interview as a medical student that he intended to practise medicine for not more than 15 years solely in order to acquire a knowledge of men for the purpose of his future art. The distinction of the subjects delineated in the book is matched by that of those studying them—for example, Sir John Conybeare, Sir Geoffrey Jefferson, Sir Geoffrey Keynes, and Sir Hans Krebs,

to mention but a few. For anyone who has received a part or a whole of his medical education at Oxford this "slim volume" will make fascinating bedside reading, but it will surely have in addition a wider appeal.

For many graduating from Oxford nowadays it must be difficult to appreciate the metamorphosis which has taken place in recent years in the medical school. As Professor Witts points out, no doctor in Reading or Northampton in the 1920s would have dreamt of sending a patient for a consultant opinion to the Radcliffe Infirmary, which was then little more than a glorified cottage hospital. Now it is a medical centre attracting patients from all over the world. The change is largely due to the Nuffield benefaction: one has only to compare the position in Oxford with that in Cambridge, where millions of pounds have not been pumped into Addenbrooke's, to realize how great are the advantages now enjoyed by the former medical school.

DERRICK DUNLOP

## BOOKS RECEIVED

*Books noticed here may be reviewed later*

**A Correlative Study Guide for Neuroanatomy.** 2nd edn. James L. Hall, Ph.D., and Albert O. Humbertson, jun., Ph.D. (Pp. 143; \$4.95.) Harper & Row. 1970.

**Bancroft's Introduction to Biostatistics.** 2nd edn. Johannes Ipsen, M.D., M.P.H., and Polly Feigl, Ph.D. (Pp. 216; \$9.50.) Harper & Row. 1970.

**Introduction to Steroid Biochemistry and Its Clinical Application.** M. A. Freedman, M.D., and Sandra N. Freedman, M.D. (Pp. 201; \$10.75.) Harper & Row. 1970.

**Catapres in Hypertension.** A Symposium held at the Royal College of Surgeons of England March 1969. Ed. Matthew E. Conolly, M.B., M.R.C.P. (Pp. 245; 70s.) Butterworths. 1970.

**Better Medical Writing.** Charles Thorne. (Pp. 96; 17s. 6.) Pitman. 1971.

**Visual Anatomy: Vol. 1. Head and Neck.** Sydney M. Friedman, M.D., Ph.D., F.R.S.C. (Pp. 250; \$11.50.) Harper & Row. 1970.

**The Hospitals Year Book and Directory of Hospital Suppliers.** 1971. Ed. N. W. Chaplin, M.A. (Pp. 1,392; 145s.) The Institute of Health Service Administrators. 1970.

**A Guide to Life Assurance Underwriting.** J. E. Evans, B.Sc., F.I.A., and W. N. Mann, M.D., F.R.C.P. (Pp. 115; 30s.) Stone & Cox. 1970.

## SOCIETIES AND LECTURES

For attending lectures marked \* a fee is charged or a ticket is required. Applications should be made first to the institution concerned.

## Tuesday, 12 January

EDINBURGH AND EAST OF SCOTLAND SOCIETY OF ANAESTHETISTS.—At Royal College of Surgeons of Edinburgh, 8 p.m., Dr. D. B. Scott: Cardiac Irregularities and Anaesthesia.

KENT POSTGRADUATE MEDICAL CENTRE.—At Kent and Canterbury Hospital, 8.30 p.m., Dr. J. G. Bourne: Keeping Out of Trouble with Dental Anaesthesia.

NORTH LONDON POSTGRADUATE MEDICAL CENTRE.—At St. Ann's General Hospital, 12.45 p.m., Dr. H. D. Friedberg (U.S.A.): Direct Coronary Surgery, Value and Limitations.

TUNBRIDGE WELLS POSTGRADUATE CENTRE.—At Kent and Sussex Hospital, 8.30 p.m., presentation of new concept in medical teaching with film and audience participation: Disorders of Movement.

## Wednesday, 13 January

INSTITUTE OF CHILD HEALTH.—5.30 p.m., Professor I. J. Carr: Partial Thoracic Stomach in Children.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. M. Branthwaite: Investigation of Circulatory Failure.

INSTITUTE OF NEUROLOGY.—(1) 6 p.m., Professor G. W. Harris, F.R.S.: Endocrine—Central Nervous System Relationships. (2) 7 p.m., Dr. J. D. N. Nabarro: Clinical Aspects of Endocrine—Central Nervous System Relationships.

INSTITUTE OF PSYCHIATRY.—5.30 p.m., Dr. M. Pines: Sexuality and Identity.

INSTITUTE OF UROLOGY.—5 p.m., Mr. D. Innes Williams: Urological Malignancy in Childhood.

ROYAL FREE HOSPITAL.—5.15 p.m., Dr. D. Mattingly: Cushing's Syndrome.

## Thursday, 14 January

DUNDEE UNIVERSITY.—At Medical Sciences Institute, 5 p.m., Prof. R. Mahler: The Fat Diabetic.

INSTITUTE OF NEUROLOGY.—6 p.m., Neuro-otological clinical meeting.

ROYAL ARMY MEDICAL COLLEGE.—5 p.m., Dr. B. Creamer: The Coeliac Syndrome—something for everybody.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Bradshaw lecture by Mr. R. V. Cooke: The Challenge and Fascination of Biliary Tract Surgery.

WESTMINSTER MEDICAL SCHOOL.—At Page Street lecture theatre, 5.15 p.m., Mr. G. Westbury, Mr. J. S. P. Wilson: Treatment of Cancer of Head and Neck.

## Sunday, 17 January

EDGWARE POSTGRADUATE MEDICAL SOCIETY.—At Edgware General Hospital, Modern Trends, 10 a.m., film; 11 a.m., Dr. W. Brumfitt: Treatment of Urinary Infection.

## APPOINTMENTS

NORTH-EAST METROPOLITAN REGIONAL HOSPITAL BOARD.—C. J. Todes, M.R.C.S., L.R.C.P., D.P.M. (consultant psychiatrist to Hoxton Child Guidance Unit, as part of joint appointment with Board of Governors of Hospital for Sick Children as consultant psychiatrist to Queen Elizabeth Hospital for Children).

MANCHESTER REGIONAL HOSPITAL BOARD.—M. D. Sarlashkar, M.B., F.F.A. (consultant anaesthetist, Preston and Chorley group); S. M. Jackson, M.D., F.F.R., D.M.R.T. (consultant radiotherapist, Christie Hospital and Holt Radium Institute); T. J. Wallace, M.B., M.R.C.P.Ed. (consultant physician, Oldham and District group); A. Bernstein, M.B., M.R.C.P. (consultant physician, with special experience of diseases of the chest, Salford group).

SOUTH-EAST METROPOLITAN REGIONAL HOSPITAL BOARD.—Carol L. Wengraf, M.B., F.R.C.S. (consultant E.N.T. surgeon, Woolwich, Greenwich and Deptford, and Lewisham groups).

UNITED BIRMINGHAM HOSPITALS.—Eileen P. Bland, M.B., F.F.A.R.C.S., D.Obst.R.C.O.G. (consultant anaesthetist).

UNITED MANCHESTER HOSPITALS.—D. J. Rowlands, M.B., M.R.C.P. (consultant physician with duties in department of cardiology).

WESSEX REGIONAL HOSPITAL BOARD.—W. O. Mavor, M.B., M.R.C.P.Ed., M.R.C.Path. (consultant in haematology, North Hampshire).

## UNIVERSITIES AND COLLEGES

## ABERDEEN

In July the honorary degree of Doctor of Laws (LL.D.) will be conferred on the following:

J. H. F. Brotherton, Chief Medical Officer, Scottish Home and Health Department since 1964; professor of public health and social medicine, Edinburgh University, 1955-64.

Alexander Lyall, lecturer in clinical chemistry and head of department, Aberdeen University, 1926-61; general council assessor to the University Court since 1960.

## MANCHESTER

M.B., CH.B.—Anne-Marie Bougard, C. R. Cameron, D. I. Conway, G. C. Harding, H. Lowe (distinction in paediatrics), D. G. MacArthur, Margaret O. Parr, M. Robson, R. W. Thurlow, R. M. Waldes.

M.Sc.—In the Faculty of Medicine: Ann L. Elliott, C. Gordon, N. E. Miller.

DIPLOMA IN CLINICAL PHARMACOLOGY.—Ester Forgas.

## BIRMINGHAM

Professor A. G. W. Whitfield has been reappointed director of graduate studies.

The title of university clinical lecturer has been conferred on Dr. Eileen P. Bland (consultant anaesthetist, United Birmingham Hospitals).

The title of honorary lecturer has been conferred on Dr. M. W. N. Nicholls (Midland Centre for Neurosurgery and Neurology, department of bacteriology).

The title of honorary research fellow has been conferred on Dr. H. P. Godfrey, Dr. B. D. Williams (experimental pathology); Dr. M. A. Bennett (medicine); Dr. M. D. Kipling (social medicine); Dr. J. Rokos (pathology); Dr. Anna M. Flynn (obstetrics and gynaecology).

Appointments.—Dr. R. K. Griffiths (lecturer, department of anatomy); Dr. J. G. Hall (senior lecturer, department of experimental pathology).

## LEEDS

M.B., CH.B.—Siu-Foon Chan, Dorothea S. Holman, B. Mitchell, M. R. Polling, (distinction in obstetrics and gynaecology), P. M. S. Tam, G. C. Wilkinson.

## SHEFFIELD

The following have been appointed honorary clinical tutors: Dr. G. A. Batson (cardiology); Dr. D. I. Holt (children's psychiatry); Dr. G. P. McMullin, Dr. J. R. Owen (paediatrics); Dr. F. Murphy (haematology); Dr. G. M. Smith (obstetrics and gynaecology).

Appointment. Dr. G. Silverman (lecturer in psychiatry).

## ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF GLASGOW

D.C.H.—M. Ahmad, A. M. J. Akhtar, T. S. Al Ansari, M. T. Al Turki, Esther Y. Archer, H. J. Ataimish, Joan M. Felce, W. M. Garraway, J. R. Gilmour, A. Glennie, Margaret U. Higgins, Janette D. A. Houston, M. S. Irvine, K. C. Jain, R. MacFaul, Chelliah Mahenthalingam, I. Mitchell, M. S. Mondhe, M. O. Oduwale, N. P. Patel, T. Pektas, S. Qamar Uz Zaman, M. Rafii, S. E. Roumayah, M. N. Rustom, A. K. Sharma, O. O. Sowande, Mahmooda Takiuddin, J. F. Turley.

## ROYAL COLLEGE OF PHYSICIANS OF IRELAND

At a meeting of the college held on 4 December, the president, Dr. David Mitchell, admitted the following to the licence and membership:

Helen Marie-Louise Carty, J. C. McGeown, J. G. Masteron, A. K. Sil, B. N. Sinha, M. J. Walsh.

## ROYAL COLLEGE OF SURGEONS IN IRELAND

F.R.C.S.I.—P. J. Farrell, I. G. M. Peer, J. R. Penagalaru, G. A. Tados.

F.F.A.R.C.S.I.—G. M. Boffa, F. B. Buckley, A. M. El-Sayed, Marguerite M. Keenan, D. R. Lockstone, S. J. Montgomery, J. Nolan, R. K. Parikh, C. Toland, Marjorie J. Wallace.

F.R.—P. B. Galvin.

D.C.H.—A. E. M. Alam, I. H. Ansari, M. H. Ansari, D. O. Ayandiran, E. P. Bannan, Marjory M. Britto, P. G. Byrne, R. C. Dhataria, J. Fitzgibbon, A. C. H. Green, S. M. Hussain, A. Jafri, S. Kumar, M. L. Mall, P. M. Moloney, M. S. Mondhe, P. R. MacEneaney, H. M. I. Nazer, J. O. Obi, J. D. E. O'Kane, M. Rafii, H. A. Rahman, M. G. Rowan, H. J. Siddiqui, Margaret A. Swann, D. S. White.

D.A.—B. N. Brady, S. A. Jawale, Naseera Syed, D.P.M.—L. I. Agliados, P. H. J. Courtney, M. D. Kelliher.

## ROYAL COLLEGE OF PATHOLOGISTS

The following have been admitted to the Membership: F. Alexander, S. M. A. Anvery, I. C. Balfour, M. R. Beamish, Wilhelmina M. H. Behan, J. D. Biggart, W. V. Bogomoletz, A. C. Branfoot, M. J. Brown, D. W. Burdon, H. B. C. Burmester, S. A. Cullen, A. S. Day, T. F. Draisey, P. J. H. Fletcher, H. Gaya, I. H. Graham, O. H. B. Gyde, P. B. Hamal, Dorothy Horsfield, N. Jankey, P. W. Leedham, M. L. Lewis, M. P. G. Little, Mary P. McEwan, Sheila I. Macvie, I. M. Magrath, Elizabeth E. Mayne, Elizabeth A. Meinhard, R. V. Mummery, Ann M. Paxton, J. L. Pead, D. M. Piercy, F. E. Preston, W. Scarratt, M. Severn, W. R. Shortland-Webb, Joyce E. Skinner, C. J. Smith, Joan M. Summerell, G. Vasey, Patricia A. Walsley, R. T. Wensley, W. F. Whimster, W. Whitrow, R. Wiseman, I. I. Zayid.

## ROYAL AUSTRALASIAN COLLEGE OF PHYSICIANS

On 19 August 1970 the following physicians were elected to Fellowship under the provisions of article 44: Professor J. B. Howie (Otago); Professor B. G. Maegraith (Liverpool); Professor V. Viranuvatti (Bangkok).

The following Members were elected to Fellowship: B. J. Knapp, L. W. Powell, D. J. Harbison, B. S. Hartnett, D. Jeremy, A. M. Lloyd, R. K. Macpherson, N. A. Talley, I. L. Thompson, S. B. Furness, J. T. Andrews, P. F. Bladin, J. M. Bradley, J. A. Brenan, P. A. Castaldi, G. S. Christie, B. Clerhead, J. M. Court, D. M. Danks, J. K. Dawborn, B. S. Gilligan, W. S. C. Hare, W. C. Heath, H. S. Hillman, J. Hirsh, C. I. Johnston, B. McE. King, D. F. King, T. J. Martin, M. L. Mashford, A. D. McCutcheon, I. G. McDonald, J. A. Mirams, D. S. Nurse, A. Pitt, V. D. Plueckhahn, B. C. Ritchie, B. Rush, B. Sweet, J. D. Tange, G. R. Wagner, J. B. Webb, S. Wiener, C. W. E. Wilson; R. St. J. M. Butler, I. J. Forbes, R. L. Hodge, G. A. Hunter, G. M. Kneebone, A. G. Wang, L. L. Wilson, P. H. Wise, R. R. Taylor, D. R. Armstrong, L. Bieder, R. T. Bush, P. B. Doak, J. B. W. Dunlop, T. Gebbie, E. A. Harris, C. T. Jones, W. R. Lang, P. N. Leslie, M. J. A. McDonald, R. B. I. Morrison, G. I. Nicholson, K. A. K. North, E. R. Nye, K. P. O'Brien, D. G. Palmer, M. Pollock, B. A. Scobie, A. R. Stone, C. M. Stubbs, M. H. Watson, W. F. Watters, J. E. Jefferis, D. G. Julian, E. N. O'Brien, M. A. Mishkel.

## CORRECTIONS

## Christmas Quiz, 1970

In the Christmas Quiz 1970 (26 December, special plate) the anniversary of the Worshipful Society of Apothecaries of London was wrongly given; the answer to question 9 (d) should have stated that the Society had "celebrated its 350th anniversary this year."

Thyroid Scanning with <sup>131</sup>Cs

We very much regret that in the article by I. P. C. Murray and colleagues (12 December, p. 653) the last three paragraphs of the "Discussion" were transposed to the end of the section headed "Results." The passage on p. 654 reading "The present study confirms . . ." to the end of the second paragraph ". . . of continuing evaluation" on p. 655 should have been printed at the end of the first column on p. 656.

## Notice to Authors

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