

## Encyclopaedia on Cancer

**Cancer.** 4th edn. Lauren V. Ackerman, M.D., and Juan A. del Regato, M.D. (Pp. 1049; £17.75.) Henry Kimpton. 1970.

Do we need a large, comprehensive single volume encyclopaedia on the subject of cancer? The answer would seem to be "yes" only if it gives up to date, authoritative, and succinct information on the very wide variety of topics which is embraced by the entire field of endeavour against all forms of malignant disease. I think that this volume compiled by Drs. Ackerman and del Regato amply fulfils these requirements. Although the book is packed full of factual details, the authors have very skilfully combined communication of extensive amounts of data with readability, and it is clear that they have taken particular trouble to present difficult messages in an easily digestible form.

As might be expected the book starts with a broad review of the dimensions of the

cancer problem in the world, making relevant comments on the various trends in different types of malignant disease. A second chapter is devoted to the many different pathways along which research into the causes and treatments of cancer are currently directed. Chapters on pathology and the general principles of surgical and radiotherapy treatment follow. Thereafter malignant disease of each organ or system is dealt with quite comprehensively in turn.

In each section a very balanced account is given of the pros and cons of each mode of treatment, and while full coverage is given to the more radical forms of therapy a mature and objective evaluation of each approach is given. All the illustrations are of a very high standard indeed, and particularly praiseworthy are the numerous line diagrams which so often completely clarify the relevant points being made in the text. There is much useful practical guidance to the prac-

tising clinician, with many tips for simple clinical examination, and helpful outline diagrams of treatment techniques and schedules.

As has already been said, this volume is certainly comprehensive, and it must include mention of virtually every form of malignant disease known to man. However, it is a good reflexion of the balance of priorities in this book that the largest number of references are quoted at the end of the chapter on carcinoma of the breast, still unfortunately one of the major problems in this field. In view of its size and price everyone is not going to rush out and buy this book, but it is to be hoped that anyone interested or involved with any aspect of malignant disease will have ready access to this veritable mine of information.

T. E. GILLESPIE

## Conservative Renal Surgery

**The Arterial Anatomy of the Kidney.** F. T. Graves, F.R.C.S. (Pp. 101; £3.25.) John Wright & Sons Ltd. 1971.

In this short, attractive, easily read monograph the author recounts his observations on the extra- and intra-renal vascular anatomy of human kidneys. The basis of his work, which started as long ago as the early 1950's, is a series of coloured resin injections of the renal arteries and veins of more than

40 normal kidneys, 37 congenitally abnormal kidneys, and 11 kidneys with calculous disease; he also describes the vascular anatomy of kidneys containing large cysts and kidneys with hypernephromas.

As a result of his studies, the author is well able to rationalize views on the operations of pyelolithotomy and partial nephrectomy and will no doubt convince his readers that a detailed knowledge of the vascular anatomy is still desirable if risks of conser-

vative kidney operations are to be minimal. He advocates and gives a good account of his method of renal hypothermia for partial nephrectomy, and although the relevant comments on physiology are perhaps not so authoritative they do not seriously detract from the overall value of the book, which will no doubt be read with advantage by a number of surgeons wishing to include conservative surgery of the kidney in their repertoire.

R. SHACKMAN

## Conquest of Polio

**A History of Poliomyelitis.** John R. Paul, M.D. (Pp. 486; £6.75.) Yale University Press. 1971.

There can be few diseases for which modern science has provided such a satisfactory solution as poliomyelitis. Though ancient records of the Egyptian dynasties provide unmistakeable evidence that it was a disease of antiquity its recognition as a clinical entity did not occur until the 18th century, and only with the new approaches to medicine, pathology, and bacteriology in the 19th century was it realized that the condition was infectious. Its viral aetiology was ultimately established in 1908 by Landsteiner and Popper. Rigid belief in the purely neurotropic nature of the virus and its clinical manifestation tended to block the way for further advance, and the demonstration in 1937 that poliomyelitis was an intestinal disease was ac-

companied by a reaction of frank disbelief by the rank and file microbiologists and epidemiologists. Another eleven years were to elapse before the final breakthrough when the virus was successfully grown on tissue culture by Enders, Weller, and Robbins. This momentous discovery laid the way open for the making of both the inactivated and attenuated vaccines which have resulted in almost complete suppression of the disease.

The history of poliomyelitis has now been told by Dr. John R. Paul, emeritus professor of preventive medicine and epidemiology at Yale University,\* in a volume which must surely rank as one of the great classics of the history of medicine. Not only does he furnish every detail of all the many research projects which went to the making of this dramatic story but his vivid pen pic-

tures of the careers, characters, and idiosyncrasies of the many workers who took part, particularly of those great leaders of research who were his contemporaries, impart to it a warmth of human interest. Dr. Paul speaks as a detached observer and with characteristic modesty says little of his own invaluable contributions to the elucidation of many epidemiological problems; on the other hand he pays generous tributes to the many less well known figures who collaborated in the research.

This is an outstanding record of one of the great sagas of modern medicine and no student of the history of medicine can afford to omit it from his library.

A. MELVIN RAMSAY

\*Dr. Paul died on 6 May. See obituary, *B.M.J.*, 29 May, p. 534.

## SELECTED NEW TITLES

**An Epidemiological Sample Survey of the Highlands, Mainland and Islands Regions of the Territory of Papua and New Guinea.** A. P. Vines, D.M., D.T.M.&H. (Sydney). (Pp. 621; \$A10.) Department of Public Health, Papua. 1970.

**Anatomy of the Normal Human Thalamus.** A. Dewulf. (Pp. 196; £9.50.) Elsevier. 1971.

**Guide to Sanitation in Natural Disasters.** M.

Assar, M.S.S.E. (Pp. 135; £1.20.) W.H.O. 1971.

**The Pericardium and its Disorders.** Ed. Felix M. Cortes, M.D. (Pp. 298; \$15.50.) Charles C. Thomas. 1971.

**The Pineal Gland.** A Ciba Foundation Symposium. Ed. G. E. W. Wolstenholme and Julie Knight. (Pp. 401; £4.25.) J. & A. Churchill. 1971.

**Research Using Transplanted Tumours of Laboratory Animals: A Cross Referenced Bibliography—VII.** D. C. Roberts. (Pp. 170; Price not given.) Imperial Cancer Research Fund. 1970.

**The Anatomy of Aging in Man and Animals.** Warren Andrew, Ph.D., M.D. (Pp. 259; \$15.) Grune and Stratton. 1971.

**Dictionary of Comparative Pathology and Experimental Biology.** Robert W. Leader, D.V.M., and Isabel Leader, B.S. (Pp. 238; £5.95.) W. B. Saunders. 1971.

## UNIVERSITIES AND COLLEGES

## GLASGOW

Dr. J. Hume Adams, reader in neuropathology, Western Infirmary, has been appointed titular professor from 1 October.

M.D.—Evelyn M. Finnie, 1Susan A. Fraser, 2Jean Y. MacDougall.

M.B., Ch.B.—A. M. Abrahams, A. W. Aitken, A. G. Allison, C. M. Anderson, Priscilla Armstrong, I. A. Auchterlonie, F. J. Balmer, G. F. Beaton, I. S. Benjamin, D. S. Bhachu, A. S. Binbrek, 2D. B. Booth, L. Braidwood, 2W. F. Brenner, M. J. Brodie, D. F. Brown, H. G. Brown, S. J. Brown, J. D. Browning, N. McA. Browning, B. D. Calder, B. C. Campbell, M. L. Campbell, Margery H. Campbell, J. W. Carruthers, E. A. Castle, June A. Cathie, Fiona A. Collins, Anne B. Colquhoun, Dora F. Cossar, J. D. Craig, D. Cree, R. L. Cumming, A. McD. Cunningham, K. J. M. Cunningham, R. R. Dattadeen, G. W. Davidson, P. J. Day, M. P. Di Paola, W. I. Dyer, E. G. Ekiwa, J. G. Erskine, L. J. Ferguson, D. A. Finnie, Monica M. Fletcher, C. A. Forrest, D. M. Franklin, A. H. B. Fyfe, 1S. L. Galbraith, Margaret E. Gibb, D. G. Gilmour, A. J. Gordon, Joyce M. Gossip, A. L. Gow, Mary R. Grant, G. Hamilton, Susan M. Hamilton, R. A. Hardie, G. M. Harvey, Hilary F. Higgins, Jane E. Hockings, G. S. Hoff, N. A. Hood, G. M. Hope, J. S. S. H. K. Sang, D. T. Hunter, K. W. Hunter, R. S. Hutchison, 2A. M. Jackson, A. Johnstone, 2Elizabeth Kerr, J. B. Kerr, Catherine M. P. Kierney, D. W. Kirkwood, L. H. Kissen, Kathleen G. Kurji, M. J. A. Law, R. G. Law, Margaret M. T. Lawton, D. A. R. Lees, M. McK. Le May, Linda J. Lendle, K. S. Leong-Sit, E. D. Livingstone, Margaret T. Lowe, J. J. Lunney, E. D. MacCallum, 2H. B. McDade, A. J. A. M. MacDonald, Ellen Macdonald, E. B. Macdonald, Harriet R. MacDonald, J. MacDonald, G. D. McEwan, Anne M. McGinlay, G. T. McInnes, I. Mackay, C. N. McKee, Margaret M. D. McKee, K. MacKenzie, A. D. M. MacKinnon, A. H. Macleod, I. A. MacLeod, Lesley McMaster, W. Y. McNeil, A. L. MacNeill, I. S. Macpherson, K. N. A. Millar, J. A. Milne, Mary B. Mitchell, G. B. Morrison, Anne Muir, R. G. Murray, 2W. R. Murray, D. A. C. Nairn, J. R. K. Neil, 2Mary E. Northen, T. J. Nunn, E. I. O'Donnell, J. E. L. Owen, P. Peterson, G. S. D. Peterkin, A. G. A. Pollock, A. Potts, Elizabeth A. H. Pyper, Janette I. Ralston, I. Ramsay, I. L. Reid, T. M. Reilly, Jocelyn R. Rentoul, Anne E. Roberts, D. A. Robertson, Elaine M. Roxby, Gillian E. Ryrie, A. MacN. Sammon, G. A. Sekoni, Ann D. Sharp, W. L. Shaw, J. T. Shepherd, D. S. Simpson, Helen G. Singer, G. F. N. Smith, Rosemary H. Smith, R. G. Souter, J. G. Stevenson, G. M. Stewart, Mary A. Stone, H. A. Tait, D. McI. Taylor, Jane L. H. Campbell Third, W. O. Thomson, R. G. Tinto, Anne E. Torrance, A. D. Turnbull, A. J. Van Bork, M. H. Wade, D. G. Wallace, E. J. Watts, I. P. Weir, G. S. Winslow, A. L. Wong, A. G. Woodburn, J. R. Wylie, 2A. Young, J. C. Youne, R. E. Youne.

1With honours. 2With commendation.

## LONDON

M.D.—T. H. Foley, E. E. F. Keal, C. A. Morris, H. Keen, D. M. Roberts, M. J. Hardman, P. R. Richards, Patricia A. K. Taylor.

M.S.—M. S. Owen-Smith.

Ph.D.—In the Faculty of Medicine: Sylvia J. Armstrong, K. Juengjaroan, R. Kumar, A. A. F. Mahmoud, C. Sivagnanamurundrum, W. A. Soskolne, A. C. Pessina, L. C. Archard, P. Cresswell, K. Mashiter.

## MANCHESTER

M.D.—J. K. McConnon.

M.B., Ch.B.—1 2 4f. G. Mosley, Janice Allbrook, J. M. Anderson, N. J. Andrews, Stephanie B. Ashe, Franklyn Baker, M. D. Ballon, Stephen Bentley, Madeleine Bilbrough, S. L. Black, Patricia A. Cain, R. A. Caldwell, Susan Carpenter, D. P. Cartwright, A. J. Cave, K. M. W. Christian, Pamela J. Cleater, F. B. Cleminson, A. K. Coates, 3Lawrence Cotter, M. D. Crane, G. A. Cupper, H. F. Davies, G. W. Davis, J. F. Day, J. B. Dibble, 5G. K. Duckett, R. D. Ead, Christine M. Earlam, N. A. Ehirim, 3R. B. Galland, J. A. Geary, 5Susan R. Good, P. J. Gorman, A. J. Grant, S. J. P. Griffiths, Cherry A. B. Hall, G. B. Hopkinson, Gillian Hough, J. N. Huntley, C. E. Hyde, W. G. Ingham, 3Martyr Judson, William Lawler, D. J. Llewellyn, A. D. Lund, G. H. Meakin, Rowena A. Mills, P. T. Morris, K. F. Mumby, Elaine Murphy, 3R. W. Nicholson, J. F. Noone, Patricia M. O'Donnell, C. I. Okonkwo, Jill S. Oliver, 5J. S. Patterson, C. R. Payne, Anne E. Pearce, W. H. Perks, D. H. Reid, R. J. Rhodes, S. P. Robinson, Elizabeth A. Rostron, K. A. Sands, W. G. Sellwood, 5Elizabeth M. Shackleton, A. D. Shepherd, J. H. Sleegs, Pauline M. Smith, R. F. Steingold, Siok H. Tan, D. R. Telford, 3Dale Thomas, Elizabeth H. Thompson, P. B. Thompson, Patricia A. Troop, S. J. Tuck, P. F. Unsworth, R. G. H. Wade, C. J. Wakefield, C. A. Walker, C. R. Walker, Terry A. Walmsley, 4K. W. Wells, 4Carolyn A. Williams, Rodney Williamson, J. M. Winter, R. G. B. Wood, Cynthia R. Woodhall, J. D. Woodham.

1With honours. 2Distinction in medicine.

3Distinction in surgery. 4Distinction in obstetrics and Gynaecology. 5Distinction in paediatrics.

## WALES

## WELSH NATIONAL SCHOOL OF MEDICINE

M.B., B.Ch.—1 2 3 4 5Diane M. Pearce, R. L. Blandford, H. J. Bowen, Jennifer Carbury, A. D. Coombe, G. A. Cox, Norah C. H. Curran, A. W. Davies, C. S. Davies, Helen W. Davies, C. Evans, D. R. Evans, F. J. H. Evans, J. I. Evans, O. W. Evans, A. M. Ferris, T. J. Gill, R. Goring, 2R. V. C. Headley, J. A. Hill, I. Howells, G. W. Hughes, A. G. S. Jarwalla, A. G. Jarrett, D. S. Jeremiah, B. Jones, J. Jones, Judith L. Jones, K. D. Jones, Tecwyn Jones, A. C. Knight, R. H. Lewis, L. P. Lillywhite, 6S. Mayne, Ruth G. D. Miller, D. M. Morgan, 2 3 4T. J. Morris, 3H. L. Muston, K. Oatley, Ruth Parry, W. D. P. Phillips, P. J. Rimell, K. W. Robinson, 2P. J. Ross, 7 8E. Sanders, J. H. Scarppello, 2N. B. Simpson, A. T. Smith, A. S. St. Leger, I. M. Stokes, M. J. Sturges, L. D. Taffinder, Ceridwen Thomas, J. G. Thomas, 2 7 8P. R. Varney, S. Waldek, T. G. L. Watkins, Jarmila Weiner, G. Williams.

1With commendation. 2Distinction in medicine. 3Distinction in surgery. 4Distinction in pathology and bacteriology. 5Distinction in social medicine and public health. 6Distinction in human anatomy. 7Distinction in biochemistry. 8Distinction in physiology.

## SOUTHAMPTON

At a graduation ceremony on 9 July, Dr. R. P. W. Shackleton, regional postgraduate dean of medicine at the university, received the honorary D.M., the university's first degree in medicine.

The honorary degree of D.Sc. was conferred on Sir Bernard Katz, F.R.S., professor of biophysics, University College, London.

## ROYAL COLLEGE OF SURGEONS OF ENGLAND

On 1 July Professor A. L. d'Abreu, of United Birmingham Hospitals, and Mr. Norman Barrett, of St. Thomas's Hospital, were re-elected, and Mr. John Wakeley, of Chester Royal Infirmary, Mr. Geoffrey Hadfield, of Stoke Mandeville Hospital, Mr. Alan Parks, of the London and St. Mark's Hospitals, Mr. Harry Eastcott, of St. Mary's Hospital, and Mr. Peter Bevan, of Dudley Road Hospital, Birmingham, were elected members of the council of the college for the ensuing eight years.

On 7 July Professor Jonathan E. Rhoads, Pennsylvania University, was admitted to the honorary Fellowship.

Professor Ralph Cocker and Dr. Frank Stansfield were admitted to the Fellowship by election, and Mr. Denys Wainwright was admitted to the Fellowship ad eundem.

Diplomas of Fellowship were granted to the following candidates:

Barbara E. Stead, R. B. Barrett, K. Ametewee, A. Martin, A. P. J. Henry, D. A. Owen, Zod N. C. Gardner, Denise M. Magauran, J. C. Postlethwaite, J. P. Gowar, A. M. I. Paris, I. R. Haywood, J. A. Lynn, M. L. Harding, R. H. Cawood, J. H. H. Davy, J. K. Jones, N. N. S. Mackay, J. R. Pyne, M. Whittaker, I. A. Aaronsen, P. J. Callen, C. E. M. Lamb, N. F. Weir, T. M. C. Moore, J. I. L. Bayley, C. A. Dyer, A. E. B. Giddings, A. O. B. Johnston, M. R. L. Joyce, D. B. Mathias, G. F. Rushforth, M. E. Bailey, T. Bates, F. J. Bramble, A. A. Deutsch, D. J. Farrar, J. Ireland, S. J. S. Kent, R. J. Thomas, D. M. Weston, J. A. Betts, M. S. Watson, O. J. Gilmore, R. E. Collins, R. J. Crisfield, D. W. Hamer-Hodges, N. A. Watson, A. B. Brown, R. H. S. Lane, C. G. Marks, R. S. Maurice-Williams, D. Kameswara Rao, J. D. E. Strong, S. N. Basu, R. T. A. Ginige, B. J. King, Dorothy M. Rees, M. Ahmad, Y. S. Wahba, M. Ahmadi, M. M. Paul, P. H. Bannister, G. E. I. Fahmy, R. Rajor, A. D. McG. Steele, F. N. Tikriti, S. C. Bansal, G. C. Bose, J. K. C. Chew, J. N. Douglas, H. F. H. Koelmeier, A. B. Rao, W. M. Salamas, L. K. H. Therkildsen, P. M. Bolton, M. N. Ray, P. S. Selvachandran, H. N. O. Sunka-Mills, L. A. Vella, A. L. Webster, P. A. Grey, I. F. Gunn, D. A. Hadley, O. M. Munyaradzi, J. B. O'Meara, I. H. S. Revie, E. D. El G. H. Salah, J. B. Swann, A. N. Wilson, F. C. Behan, A. J. S. Burge, I. N. Colledge, J. P. V. Collins, C. Cutajar, J. J. de Geus, H. Z. Dervish, N. A. El-Mehairy, R. D. Finlay, W. G. Gazala, R. J. Hamshere, B. D. Hancock, K. Howison, I. Khan, R. D. Kingston, L. F. Lan Hing Ming, H. C. O. Martin, A. D. Mee, R. J. Parker, J. C. B. Penfold, D. V. Ramanathan, M. S. M. Abdell-Karim Sabet, M. A. Walsh, P. K. Basu, S. J. Bhishikar, M. R. Butler, J. Clegg, D. M. Davis, R. M. Ellis, P. Endrey-Walder, M. G. P. Goldsmith, D. A. Griffiths, D. G. Hardy, N. M. Heneely, G. J. B. W. Jayasekara, T. G. McCarthy, I. Mittra, K. W. Munson, M. L. Obeid, H. N. Patel, J. J. Price, A. C. Ray, M. M. Sharr, C. J. Smart, N. G. H. Thompson, R. A. B. Wood, B. J. Abel, F. S. C. Browning, M. J. Butler, M. S. Cornah, P. T. Cox, D. J. David, C. J. Davies, P. W. Eustace, I. L. C. Ferguson, R. G. Fiddian-Green, R. J. Gay, J. M. Graham, R. D. Hayward, J. W. Howe, S. M. Jones, T. P. Lyttle, J. H. Morris, D. S. Murray, T. J. Nash, T. P. E. Nener, D. N. Offen, E. J. C. Parker, A. K. Roberts, L. F. A. Rossi, B. Rughoonundon, K. R. P. Rutter, I. M. Stevenson, M. R. Thompson, S. Velupillai, J. R. Wallace, A. S. Ward, J. K. Webb, P. A. Winkler, Joanna M. C. Zlotnik, M. Ahmed, J. P. Bolton, P. L. Harris, J. A. G. Landers, J. I. McGill, J. D. Ritchie, P. B. Wood, P. D. Wright, R. Murali.

A diploma of Fellowship in the Faculty of anaesthetists was granted to Hossam Nayel of Glamorgan.

On 8 July Sir Thomas Holmes Sellors was re-elected president for the ensuing year. Mr. Norman Capener and Sir Edward Muir were elected vice-presidents for the ensuing year.

Mr. Norman Barrett, of London, Professor A. L. d'Abreu, of Birmingham, were re-admitted and Mr. H. H. G. Eastcott, of London, Mr. John Hadfield, of Stoke Mandeville, Mr. Alan Parks, of London, Mr. Peter G. Bevan, of Birmingham, and Mr. John Wakeley, of Chester, were admitted as members of the council.

Dr. W. W. Rentoul, of Cornwall, was admitted as a Fellow of the college by election.

Mr. S. R. Adlington, of Cornwall, was admitted as a Fellow of the college ad eundem.

The Walker prize was presented to Mr. Denis P. Burkitt, of London.

The Gordon Taylor memorial medal was presented to Mr. Richard S. Handley, of the Middlesex Hospital.

The Begley prize was presented to D. P. de Bono, of St. George's Hospital Medical School.

The Hallett prize was awarded to P. H. Walter, of London Hospital Medical School.

Professor A. J. Harding Rains, of Charing Cross Hospital, Mr. N. E. Stidolph, of Whittington Hospital, and Mr. J. S. Hilary Wade, of Cardiff, were re-elected, and Professor L. P. Le Quesne, of Middlesex Hospital, and Mr. R. S. Todd, of Wrexham, were elected to the court of examiners in general surgery for a period of three years. Mr. L. F. W. Salmon, of Guy's Hospital, was re-elected to the court of examiners in otolaryngology for a period of three years.

Mr. Norman Barrett was appointed as the representative of the college on the General Medical Council.

The re-election of Dr. Cyril Scurr (Westminster) as dean of the Faculty of Anaesthetists and the election of Professor J. Gordon Robson (Royal Postgraduate Medical School) as vice-dean was reported.

The award of Nuffield prizes (Faculty of Anaesthetists) to A. F. Avery, of the University of Bristol, and to J. G. Williams, of King's College Hospital, London, was reported.

The award of a MacKenzie Mackinnon Streatfield research fellowship to K. D. Lee, of the University of Birmingham, was noted.

Mr. Goronwy Thomas, of Liverpool, was appointed Robert Jones lecturer for 1972.

A diploma of Fellowship was granted to D. G. Hill, of London.

## CORRECTIONS

## Haemodialysis/Transplantation Programme

In the article "Statistical Approach to Planning an Integrated Haemodialysis/Transplantation Programme" by Dr. Farrow *et al.*, (19 June, p. 671) the first five numbers relating to patients surviving in Figure 3 should have read 28, 22, 21, 17, 16 and not 19, 18, 17, 17, 11, as stated.

## Humidity in Hospital

We regret two printing errors in the letter on this subject by Dr. Douglas Needham (10 July, p. 114). The word "even" at the end of the fifth line should have read "ever", and the last sentence should have read "I suggest that any hair hygrometer needs constant checking; the whirling wet bulb instrument is the one of choice." The word "air" was wrongly printed for "hair."

## Migraine

In the article by Dr. Marcia Wilkinson on "Migraine—Treatment of Acute Attack" (26 June 1971, p. 754) the penultimate sentence of the paragraph headed Antiemetic Drugs should have read: "Cyclizine, hydrochloride, 50 mg by injection (Valoid), prochlorperazine 5 mg (Stemetil), or other antiemetics can be used" and not "thiethylperazine."

## Notice to Authors

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