Postgraduate Medical Journal

Editor
IAN GILLILAND M.D. F.R.C.P.

Advisory Editorial Board

A. G. Apley F.R.C.S.
D. Barltrop B.Sc. M.D. M.R.C.P. D.C.H.
E. M. M. Besterman M.A. M.D. F.R.C.P.
A. M. Breckenridge B.Sc. M.R.C.P.
E. H. Brown D.M. F.R.C.P. D.C.H.
A. E. R. Buckle F.R.C.S. F.R.C.O.G.
J. O. Craig F.R.C.S.I. D.M.R.D. F.F.R.

D.P.M.

J. P. Hopewell F.R.C.S.
D. G. James M.A. M.D. F.R.C.P.
S. B. Karani D.P.H. F.R.C.P. F.A.C.C.P.
R. S. Kocen M.R.C.P.
D. M. Krikler M.D. F.R.C.P. F.R.C.P.Ed. F.A.C.C.
B. Lewis PH.D. M.D., M.R.C.P. M.R.C.Path.
C. E. Newman C.B.E. M.D. F.R.C.P.
K. I. Nissen F.R.C.S.
J. W. Paulley M.D. F.R.C.P.
T. A. J. Pranker M.D. F.R.C.P.
D. A. Pyke M.D. F.R.C.P.
J. H. Swallow M.D. M.R.C.P.
P. Turner B.Sc. M.D. F.R.C.P.

Editorial Representative for North America
Charles G. Roland M.D.

Editorial Representative for Australia
Professor Thomas Stapleton M.A. D.M. M.R.C.P. D.C.H.

Editorial Assistant
Mrs M. E. Coops B.Sc.

Postgraduate Medical Journal is published monthly for the Fellowship of Postgraduate Medicine by Blackwell Scientific Publications Ltd. The annual subscription is £10.00 ($34.00) post free, and the price of single issues £1.00 ($3.00) postage extra. If payments are made by bank transfer, all charges shall be at the remitter’s expense. Orders for back issues published up to December 1966 and correspondence from Fellows and Associates should be sent to The Secretary, The Fellowship of Postgraduate Medicine, Chandos House, 2 Queen Anne Street, London W1M 9LE; other orders and business correspondence should be addressed to Blackwell Scientific Publications Ltd, Osney Mead, Oxford OX2 0EL (tel: Oxford 40201).

All editorial correspondence should be addressed to The Editor, The Postgraduate Medical Journal, Chandos House, 2 Queen Anne Street, London W1M 9LE

Advertisement enquiries and bookings should be addressed to S. & H. Fretwell Ltd, 267 Portland Road, London, S.E.25 (tel: 01-654 8921).

The Fellowship of Postgraduate Medicine was founded by a group of London consultants after the First World War to assist postgraduates, particularly those coming to London from the Commonwealth, to pursue their studies. The Fellowship first published the Postgraduate Medical Journal to give information about lectures, conferences and courses and to provide a monthly review of all branches of medicine.

Postgraduate Medical Journal publishes original papers on subjects of current clinical importance and welcomes review articles with extensive, up-to-date bibliographies as guides to further reading. Several symposia are published every year, each devoted to a single subject and written, by invitation, by specialists in different disciplines. Most issues include authoritative Current Surveys of clinical problems, as well as well-documented Reports of cases of particular interest, Correspondence and Book Reviews.

A ‘Notice to Contributors’ is published on the inside back cover of this issue. The Editor reserves the right to make changes which may clarify or condense papers where this is considered desirable.

© The contents of this Journal are copyright and, subject to the provisions of Section 7 of the Copyright Act, 1956, they may not be copied, adapted or reproduced without permission. Requests for permission to reproduce material elsewhere, either in whole or in part, should be addressed to the Editor, Postgraduate Medical Journal, Chandos House, 2 Queen Anne Street, London W1M 9LE. This Journal is covered by Current Contents and Biological Abstracts.
POSTGRADUATE MEDICAL JOURNAL

VOLUME 49
January to December 1973
### Subject Index

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdominal mass—An unexpected ... Meirion Thomas</td>
<td>61</td>
</tr>
<tr>
<td>Abdominal trauma: a report of 129 cases ... T. Bates</td>
<td>285</td>
</tr>
<tr>
<td>Abscess—Clostridial brain ... and hyperbaric oxygen ... A. J. Keogh</td>
<td>64</td>
</tr>
<tr>
<td>Absorption—Ethanol ... after gastric operations, and in the coeliac syndrome ... P. B. Cotton and G. Walker</td>
<td>27</td>
</tr>
<tr>
<td>Acardius amorphus—Foetus ... Brian Alderman</td>
<td>102</td>
</tr>
<tr>
<td>Acceptability compared with standard vaccines and antigenicity in increasing dosage. A new subunit influenza vaccine: ... Frederick L. Ruben and George Gee Jackson</td>
<td>185</td>
</tr>
<tr>
<td>A-cell metabolism and glucagon secretion ... J. C. Edwards</td>
<td>611</td>
</tr>
<tr>
<td>ACTH secreting oat cell carcinoma of the bronchus ... N. G. Soler</td>
<td>928</td>
</tr>
<tr>
<td>Activity—Anti-herpetic ... of a combination of L-asparaginase and cytotoxic arabinoside used 'in vitro' ... R. Cappel, L. Thiry and J. Klatersky</td>
<td>428</td>
</tr>
<tr>
<td>Acute—Management of ... necrotizing encephalitis ... Marc Rappel</td>
<td>419</td>
</tr>
<tr>
<td>Acute renal failure and lithium intoxication ... S. Lavender, J. N. Brown and W. T. Berrill</td>
<td>277</td>
</tr>
<tr>
<td>Acute—The clinical features of herpes simplex encephalitis ... (necrotizing encephalitis) ... L. A. Liversedge</td>
<td>383</td>
</tr>
<tr>
<td>Adenoma—anomalous responses to stimulation and suppression tests in Cushing's syndrome due to a calcified adrenal adenoma ... S. Epstein, E. H. McLaren and A. R. Goldin</td>
<td>923</td>
</tr>
<tr>
<td>Adenomata—Meningitis as the presenting symptom of pituitary ... R. G. Lascelles, S. J. Tuck, K. K. Bhalla and Paul S. Graves</td>
<td>362</td>
</tr>
<tr>
<td>Addiction—Congenital narcotic ... B. W. Lewis and J. K. Stothers</td>
<td>83</td>
</tr>
<tr>
<td>Addison's disease without pigmentation ... T. J. Goodwin, P. R. N. Kind and V. W. Bogomoletz</td>
<td>305</td>
</tr>
<tr>
<td>Adenovirus infections ... Marguerite S. Pereira</td>
<td>798</td>
</tr>
<tr>
<td>Adhesiveness—Platelet ... in gout ... L. Gail Darlington, J. T. Scott and Sidney Shaw</td>
<td>24</td>
</tr>
<tr>
<td>Adjuvants—The potential role of immunological ... in influenza vaccines ... Derek Hobson</td>
<td>180</td>
</tr>
<tr>
<td>Adolescent weight phobia—the effect of leucotomy in intractable ... (primary anorexia nervosa) ... A. Crisp and R. Kalucy</td>
<td>883</td>
</tr>
<tr>
<td>Adrenal adenoma—Anomalous responses to stimulation and suppression tests in Cushing's syndrome due to a calcified adrenal adenoma ... S. Epstein, E. H. McLaren and A. R. Goldin</td>
<td>923</td>
</tr>
<tr>
<td>Aetiology of postmenopausal bleeding ... M. J. N. C. Kierse</td>
<td>344</td>
</tr>
<tr>
<td>Agents—Radioisotope scanning of brain, liver, lung and bone with a note on tumour localizing ... J. P. Lavender</td>
<td>448</td>
</tr>
<tr>
<td>Age-related response to 1000 CCA unit zonally purified, inactivated influenza vaccines in volunteers in the U.S.A. ... William M. Marine and James E. Thomas</td>
<td>164</td>
</tr>
<tr>
<td>Agranulocytosis associated with sulphasalazine therapy ... P. Cochrane, P. Atkins and S. Ehsanullah</td>
<td>669</td>
</tr>
<tr>
<td>Amoebic—Hepatic manifestations during ... dysentery ... S. Ramachandran, R. de Saram, C. N. A. Rajapkse and S. Sivalingam</td>
<td>261</td>
</tr>
<tr>
<td>Amorphus—Foetus acardius ... Brian Alderman</td>
<td>102</td>
</tr>
<tr>
<td>Amygdalotomy ... E. Hitchcock and V. Cairns</td>
<td>894</td>
</tr>
<tr>
<td>Amyloidosis complicated by intractable postural hypotension ... G. M. Yuill</td>
<td>52</td>
</tr>
<tr>
<td>Anaemia—Haemolytic ... in myelomatosis ... C. D. R. Pengelly, B. K. Mondal and A. R. Barua</td>
<td>279</td>
</tr>
<tr>
<td>Anaemia—Megaloblastic ... due to trimethoprim sulphamethoxazole therapy in uraemia ... G. M. Yuill</td>
<td>100</td>
</tr>
<tr>
<td>Analogues—Haematological complications of therapy with pyrimidine ... C. G. Geary</td>
<td>413</td>
</tr>
<tr>
<td>Analogues—Molecular pharmacology of the pyrimidine ... L. G. Lajtha</td>
<td>410</td>
</tr>
<tr>
<td>Analogues—Pyrimidine ... in the treatment of experimental herpes infections ... A. H. Tomlinson and F. O. MacCallum</td>
<td>416</td>
</tr>
<tr>
<td>Analysis—Herpes simplex encephalitis; a clinical and pathological ... of twenty-two cases ... Hume Adams and Douglas Miller</td>
<td>393</td>
</tr>
<tr>
<td>Analytical—Ovarian cancer; some new ... approaches ... K. Griffiths, W. J. Henderson, J. A. Chandler and C. A. F. Joslin</td>
<td>69</td>
</tr>
<tr>
<td>Angina—The patient with ... symptoms and disability ... Richard Mayou</td>
<td>250</td>
</tr>
<tr>
<td>Ankylosing spondylitis and auto-immunity ... G. O. Cowan</td>
<td>667</td>
</tr>
<tr>
<td>Annual review of significant publications—Infectious diseases: ... Hobart A. Reimann</td>
<td>325</td>
</tr>
<tr>
<td>Antibiotic—oral antibiotic cure of staphylococcal endocarditis ... N. D. Burman, H. S. Joffe and C. Watson</td>
<td>920</td>
</tr>
<tr>
<td>Antibody—Nasal and circulating ... responses to influenza vaccination and their importance in resistance to infection ... D. A. J. Tyrrell, D. S. Freestone, R. A. Buckland, S. Chinn, G. C. Schild and A. N. Slepukhin</td>
<td>200</td>
</tr>
<tr>
<td>Antigeneicity—A new subunit influenza vaccine: acceptability compared with standard vaccines and ... in increasing dosage ... Frederick L. Ruben and George Gee Jackson</td>
<td>185</td>
</tr>
<tr>
<td>Antihypertensive treatment—the influence of ... over the incidence of cerebral vascular disease ... D. G. Beevers, M. J. Fairman, M. Hamilton and J. E. Harpur</td>
<td>905</td>
</tr>
<tr>
<td>Antimalarian drugs and their actions ... W. Peters</td>
<td>573</td>
</tr>
<tr>
<td>Anthrax—a brief review of anthrax in domestic animals ... J. M. Smith</td>
<td>571</td>
</tr>
<tr>
<td>Anthrax—clinical aspects of ... A. B. Christie</td>
<td>565</td>
</tr>
</tbody>
</table>
Anti-herpetic activity of a combination of L-asparaginase and cytosine arabinoside used 'in vitro' . . . R. Cappel, L. Thiry and J. Klaterisky

Anorexia nervosa—observations of gonadotrophic and ovarian hormone activity during recovery from anorexia nervosa . . . A. H. Crisp, P. C. B. MacKinnon, C. Chen and C. S. Corker

Anorexia nervosa—primary: the effect of leucotomy in intractable adolescent phobia . . . A. Crisp and R. Kalucy

Aorta—pseudo pseudo hypoparathyroidism with coarctation of the aorta—a clinical syndrome? . . . J. de Swiet

Appendicitis, fibre intake and bowel behaviour in ethnic groups in South Africa . . . Alexander R. P. Walker, B. Faith Walker, Barbara D. Richardson and Atholie Woolford

Arabinoside—Anti-herpetic activity of a combination of L-asparaginase and cytosine . . . used 'in vitro' . . . R. Cappel, L. Thiry and J. Klaterisky


Arterial—The use of intra-arterial Urokinase in a case of recurrent . . . occlusion . . . B. J. Boucher, E. M. Connolly and S. C. Farrow

Arterial—Plasma lipids, blood coagulation and fibrinolysis in peripheral . . . disease . . . R. G. Newall, B. P. Bliss and C. J. C. Kirk

Atherosclerosis—Carbon monoxide, smoking and atherosclerosis . . . Poul Astrup


Auto-immunity—Ankylosing spondylitis and . . . G. O. Cowan

Avascular necrosis of the head of the femur in a case of retroperitoneal fibrosis . . . B. A. Kamdar

Behaviour—Appendicitis, fibre intake and bowel . . . in ethnic groups in South Africa . . . Alexander R. P. Walker, B. Faith Walker, Barbara D. Richardson and Atholie Woolford

Behaviour therapy of psoriasis—a hypoanalytic and counter-conditioning technique . . . D. Waxman

Bell's palsy and its treatment . . . M. J. Aminoff

Binding-site—The use of oestradial uptake and . . . studies in endometrial and ovarian carcinoma . . . R. W. Taylor, M. G. Brush and R. J. B. King

Biosynthesis—Aspects of the . . . of glucagon in mammals . . . C. Hellerstrom, S. L. Howell, J. C. Edwards and A. Anderson

Bleeding—Aetiology of postmenopausal . . . M. J. N. C. Kierse

Blood carboxyhaemoglobin changes during tobacco smoking . . . M. A. H. Russell

Blood metabolites in the diagnosis and treatment of diabetes mellitus . . . K. G. M. M. Alberti

Blood—Plasma lipids, . . . coagulation and fibrinolysis in peripheral arterial disease . . . R. G. Newall, B. P. Bliss and C. J. C. Kirk

Blood volume studies in chronic obstructive non-specific lung disease: a comparison of the bronchitic and emphysematous patients . . . J. B. Cocking and C. S. Darke

Bone—Radiosotope scanning of brain, liver, lung and . . . with a note on tumour localizing agents . . . J. P. Lavender

Bones—Turner's Syndrome with coeliac disease, thin bones and abnormal liver function test . . . G. M. Besser (N. Thatcher and A. D. Stephens)

Bowel—Appendicitis, fibre intake and . . . behaviour in ethnic groups in South Africa . . . Alexander R. P. Walker, B. Faith Walker, Barbara D. Richardson and Atholie Woolford

Brain—Clostridial . . . abscess and hyperbaric oxygen . . . A. J. Keogh

Brain—Radiosotope scanning of . . . liver, lung and bone with a note on tumour localizing agents . . . J. P. Lavender

Bronchitis and emphysematous patients—blood volume studies in chronic obstructive non-specific lung disease; a comparison of the . . . J. B. Cocking and C. S. Darke

Bronchus—acute onset diabetes due to an ACTH secreting oat cell carcinoma of the bronchus . . . N. G. Soler

Bronchus—Chemotherapy for carcinoma of the bronchus—a brief review . . . N. M. Bleehen

Brucellosis—some veterinary aspects of the eradication of . . . A. McDiarmid

Brucellosis—aspects of human . . . P. G. Mann and E. R. Richens

Calcified adrenal adenoma—anomalous responses to stimulation and suppression tests in Cushing's syndrome due to a calcified adrenal adenoma . . . S. Epstein, E. H. McLaren and A. R. Goldin

Calorie—The effect of a low . . . diet with and without fenfluramine, and fenfluramine alone on the glucose tolerance and insulin secretion of overweight non-diabetics . . . J. Ranald W. Dykes

Calorie—The effect of a low . . . diet with and without fenfluramine on the glucose tolerance and insulin secretion of obese maturity-onset diabetics . . . J. Ranald W. Dykes


Cancer—Experimental approaches to endometrial and ovarian . . . M. G. Brush

Cancer—Ovarian . . . clinical survey . . . A. W. Harcus

Cancer—The terminal care of patients with lung cancer . . . R. G. Twycross
insulin secretion of obese maturity-onset ... J. Ranald W. Dykes 318
Diabetics—The effect of a low-calorie diet with and without fenfluramine, and fenfluramine alone on the glucose tolerance and insulin secretion of overweight non- ... . J. Ranald W. Dykes 314
Diabetic coma—Serum growth hormone in ... K. G. M. M. Alberti and T. D. R. Hockaday 141
Diabetogenic—The mechanism of the ... effects of pituitary growth hormone ... J. Bornstein, J. McD. Armstrong, H. P. Taft, M. K. Gould and F. M. Ng 219
Diagnosis and treatment of diabetes mellitus—blood metabolites in the ... K. G. M. M. Alberti 949
Diagnosis—Immunofluorescence in the ... of herpes encephalitis ... Maurice Longson 403
Diagnosis—The rapid ... of herpes encephalitis ... T. H. Flewett 398
Diagnosis—Virological ... of herpes simplex encephalitis in Glasgow (1962-71) ... Constance A. C. Ross 401
Diagnosis of thyrotoxicosis, The ... William R. Greig, Iain R. McDougall and Henry W. Gray 469
Diamorphine—Stumbling blocks in the study of ... R. G. Twycross 309
Diet—The effect of a low-calorie ... with and without fenfluramine, and fenfluramine alone on the glucose tolerance and insulin secretion of overweight non-diabetics ... J. Ranald W. Dykes 314
Diet—The effect of a low-calorie ... with and without fenfluramine on the glucose tolerance and insulin secretion of obese maturity-onset diabetics ... J. Ranald W. Dykes 318
Diet—Successful treatment of collagenous sprue with combination of prednisolone and gluten-free ... D. J. Holdstock and Samuel Oleesky 664
Disability—The patient with angina; symptoms and ... Richard Mayou 250
Disease—Addison's ... without pigmentation ... T. J. Goodwin, P. R. N. Kind and V. W. Bogo-moletz 305
Disease—Plasma lipids, blood coagulation and fibrinolysis in peripheral arterial ... R. G. Newall, B. P. Bliss and C. J. C. Kirk 297
Disease—Hypogammaglobulinæmia with Whipple's ... M. Cochran, M. G. Cook, J. C. Gallagher and M. Peacock 355
Disease—I-cell ...—muclolipidosis II ... Neil Gordon 359
Disease—Pregnancy and the skeletal complications of sickle cell ... Oladele Akinla 255
Disease—Sjögren's syndrome, dysimmunoglobulinæmia and malignant ... Peter Thomas 349
Disease—Some chemical indices of diabetic vascular ... E. N. Wardle, D. A. Piercy and J. Anderson 1
Disease—The investigation of renal ... using radio-nuclides ... Harold L. Atkins and Leonard M. Freeman 503
Disease—Turner’s Syndrome with coeliac disease, thin bones and abnormal liver function test ... G. M. Besser, N. Thatcher and A. D. Stephens 738
Diseases—Infectious ... Annual review of significant publications ... Hobart A. Reimann 325
Dog—the catabolism of insulin in the dog; evidence for the existence of catabolic pathways ... J. R. M. Franckson and H. A. Ooms 931
Domestic animals—a brief review of anthrax in ... I. M. Smith 571
Dosage—A new subunit influenza vaccine; acceptability compared with standard vaccines and antigenicity in increasing ... Frederick L. Ruben and George Gee Jackson 185
Doses—Inactivated vaccines. I. Volunteer studies with very high ... of influenza vaccine purified by zonal ultracentrifugation ... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 152
Dose—Minimal ... of a stimulus for maximal pep-sin secretion ... H. G. Desai, M. P. Zaveri and F. P. Antia 258
Drugs—antimalarial drugs and their actions ... W. Peters 573
Duodenal—Villous adenoma in a blind ... loop ... P. E. Jones and J. F. Clegg 657
Duration—Features of a successful therapeutic fast of 382 days ... W. K. Stewart and Laura W. Fleming 203
Dysimmunoglobulinæmia—Sjögren's syndrome, ... and malignant disease ... Peter Thomas 349
Dysentery—Hepatic manifestations during amoebic ... S. Ramachandran, R. de Sàrême, C. N. A. Rajapatke and S. Svalingam 261
Dysrhythmia—Implanted - pacemaker - induced ... and its management ... S. J. Jachuck 14
Dysrhythmias—Comparisons of propranolol and Ro 3-3528 in hyperthyroid tachycardia and ... Eileen M. Phillips, Paul Turner, Joan Houghton and D. G. Ferriman 18
Ectopic—Triplets—one ectopic, two intrauterine ... A. A. Khan 741
Effect—The protective ... of intranasal immunization with inactivated influenza virus vaccine ... K. S. Liem, E. A. Marcus, J. Jacobs & R. Van Strik 175
Effects—The mechanism of the diabetogenic ... of pituitary growth hormone ... J. Bornstein, J. McD. Armstrong, H. P. Taft, M. K. Gould and F. M. Ng 219
Effect of a low-calorie diet with and without fenfluramine, and fenfluramine alone on the glucose tolerance and insulin secretion of overweight non-diabetics, The ... J. Ranald W. Dykes 314
Effect of a low-calorie diet with and without fenfluramine on the glucose tolerance and insulin
secretion of obese maturity-onset diabetics, The ... J. Ranald W. Dykes 318
Effects of training and exercise on growth hormone release in man ... J. G. Devlin, M. P. S. Varma and J. Prendergast 144
Effusion—The management of malignant pleural effusion ... M. L. Sutton 729
Effusions—Pleural ... and yellow nails of late onset ... H. D. Eastwood and T. J. Williams 364
Embolism—Fatal pulmonary ... following compression sclerotherapy for varicose veins ... P. McMaster and W. G. Everett 517
Embolism—The role of lung imaging in pulmonary ... Fred S. Mishkin and Philip M. Johnson 487
Emergencies—treatment of hypertension and hypertensive emergencies with intravenous clonidine hydrochloride ... A. P. Niarchos and A. K. Baksi 908
Emphysematous patients—blood volume studies in chronic obstructive non-specific lung disease: a comparison of the bronchitic and ... J. B. Cocking and C. S. Darke 914
Encephalitis—Herpes simplex virus ... Clinical features and residual damage ... J. M. Oxbury and F. O. MacCallum 387
Encephalitis—Herpes simplex ... a clinical and pathological analysis of twenty-two cases ... Hume Adams and Douglas Miller 393
Encephalitis—Immunofluorescence in the diagnosis of herpes ... Maurice Longson 403
Encephalitis—Management of acute necrotizing ... Marc Rappel 419
Encephalitis—The clinical features of herpes simplex ... (acute necrotizing encephalitis) ... L. A. Liversedge 383
Encephalitis—The clinical features of herpes simplex encephalitis (acute necrotizing ...). ... L. A. Liversedge 383
Encephalitis—The rapid diagnosis of herpes ... T. H. Flewett 398
Encephalitis—Virological diagnosis of herpes simplex ... in Glasgow (1962-71) ... Constance A. C. Ross 401
Endocarditis—oral antibiotic cure of staphylococcal endocarditis ... N. D. Burman, H. S. Joffe and C. Watson 920
Endometrial—Experimental approaches to ... and ovarian cancer ... M. G. Brush 73
Endometrial—The use of oestraidal uptake and binding-site studies in ... and ovarian carcinoma ... R. W. Taylor, M. G. Brush and R. J. B. King 77
Endophthalmitis—Metastatic ... a rare complication of meningococcal meningitis ... S. Haider 63
Epidemiological features of subarachnoid and cerebral haemorrhages ... S. Talbot 300
Epidemiology of 'Q' fever ... R. J. C. Hart 535
Epidemiological aspects of influenza in man and other animals ... D. Hobson 530
Epidemiological—Viral and epidemiological findings in MRC/PHLS surveys of respiratory disease in hospital and general practice ... Pauline M. Poole and J. O’H. Tobin 778
Ethanol absorption after gastric operations, and in the coeliac syndrome ... P. B. Cotton and G. Walker 27
Ethnic—Appendicitis, fibre intake and bowel behaviour in ethnic groups in South Africa ... Alexander R. P. Walker, B. Faith Walker, Barbara D. Richardson and Atholle Woolford 243
Exercise—Effects of training and ... on growth hormone release in man ... J. G. Devlin, M. P. S. Varma and J. Prendergast 144
Exercise-induced glucagon secretion ... A. Luyckx and P. Lefebvre 620
Experimental approaches to endometrial and ovarian cancer ... M. G. Brush 73
Experimental—Pyrimidine analogues in the treatment of ... herpes infections ... A. H. Tomlinson and F. O. MacCallum 416
Excretion—Renal ... of nutrients in pregnancy, The ... F. E. Hytten 625
Failure—Acute renal ... and lithium intoxication ... S. Lavender, J. N. Brown and W. T. Berrill 277
Failure—Changes in glucose tolerance, insulin, serum lipids and lipoproteins in patients with renal ... on intermittent haemodialysis ... K. K. Arora, M. K. Atkinson, J. A. P. Trafford, J. Sheldon and R. Nunn 293
Failure—The lack of value of hepatojugular reflux as a sign of heart ... S. P. Singh and R. Haider 10
Fast—Features of a successful therapeutic ... of 382 days’ duration ... W. K. Stewart and Laura W. Fleming 203
Fatal pulmonary embolism following compression sclerotherapy for varicose veins ... P. McMaster and W. G. Everett 517
Features—Epidemiological ... of subarachnoid and cerebral haemorrhages ... S. Talbot 300
Features—Herpes simplex virus encephalitis: clinical ... and residual damage ... J. M. Oxbury and F. O. MacCallum 387
Features—The clinical ... of herpes simplex encephalitis (acute necrotizing encephalitis) ... L. A. Liversedge 383
Features of a successful therapeutic fast of 382 days’ duration ... W. K. Stewart and Laura W. Fleming 203
Femur—Avascular necrosis of the head of the ... in a case of retroperitoneal fibrosis ... B. A. Kamdar 59
Fenfluramine—The effect of a low-calorie diet with and without ... and fenfluramine alone on the glucose tolerance and insulin secretion of overweight non-diabetics ... J. Ranald W. Dykes 314
Fenfluramine—The effect of a low-calorie diet with and without ... on the glucose tolerance and insulin secretion of obese maturity-onset diabetics ... J. Ranald W. Dykes 318
Glucose—The effect of a low-calorie diet with and without fenfluramine on the glucose tolerance and insulin secretion of obese maturity-onset diabetics . . . J. Ranald W. Dykes
Gluten-free—Successful treatment of collagenous sprue with combination of prednisolone and diet . . . D. J. Holdstock and Samuel Oleesky
Gout—Platelet adheriveness in . . . L. Gail Darling, J. T. Scott and Sidney Shaw
Gout—Steatorrhoea and jejunal resection in patients on long-term colic therapy for . . . B. J. Boucher and J. T. Wright
Growth hormone—Control of . . . secretion in man . . . W. G. Blackard
Growth hormone—Serum . . . in diabetic coma . . . K. G. M. M. Alberti and T. D. R. Hockaday
Growth hormone—Secretion of . . . in the rat . . . S. L. Howell
Gut and islet hormones in diabetes . . . K. D. Buchanan

Habits—Change in smoking habits in a general practice . . . Sheila Handel
Haematonic deficiency—toxicity of co-trimoxazole in nutritional . . . A. V. L. Hill and D. N. S. Kerr
Haematological complications of therapy with pyrimidine analogues . . . C. G. Geary
Haemolysis—Intravascular . . . complicating treated non-ketotic hyperglycaemic diabetic coma . . . S. W. Blackwell and C. J. Burns-Cox
Haemolytic anaemia in myelomatosis... C. D. R. Pengelly, B. K. Mondal and A. R. Barua

Haemorrhages—Epidemiological features of subarachnoid and cerebral... S. Talbot

Head—Avascular necrosis of the... of the femur in a case of retroperitoneal fibrosis... B. A. Kamdar

Health Service—Smoking and the Health Service... K. P. Ball

Heart failure—The lack of value of hepato-jugal reflux as a sign of... S. P. Singh and R. Haider

Hemifacial—Tic Convulsif: The association of trigeminal neuralgia and hemifacial spasm... R. S. Maurice-Williams

Hepatic manifestations during amoebic dysentery... S. Ramachandran, R. de Saram, C. N. A. Rajapakse and S. Sivalingam

Hepato-jugal—the lack of value of... reflux as a sign of heart failure... S. P. Singh and R. Haider

Herpes encephalitis—Immunofluorescence in the diagnosis of... Maurice Lawson

Herpes simplex encephalitis: a clinical and pathological analysis of twenty-two cases... Hume Adams and Douglas Miller

Herpes simplex—The clinical features of... encephalitis (acute necrotizing encephalitis)... L. A. Liversedge

Herpes simplex virus encephalitis: clinical features and residual damage... J. M. Oxbury and F. O. MacCallum

Herpes simplex virus infections... B. E. Juel-Jensen

Herpes encephalitis—The rapid diagnosis of... T. H. Flewett

Herpes infections—Pyrimidine analogues in the treatment of experimental... A. H. Tomlinson and F. O. MacCallum

Herpes—Virological diagnosis of... simplex encephalitis in Glasgow (1962–71)... Constance A. C. Ross

‘Herpesvirus hominis’—Neonatal... infections... R. W. John and J. O’H. Tobin

High doses—Inactivated vaccines. I. Volunteer studies with very... of influenza vaccine purified by zonal ultracentrifugation... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye

‘Hominis’—Neonatal... ‘herpesvirus...’ infections... R. W. John and J. O’H. Tobin

Hormone activity—observations of gonadotrophic and ovarian hormone activity during recovery from anorexia nervosa... A. H. Crisp, P. C. B. MacKinnon, C. Chen and C. S. Coker

Hormone—Glucagon, a stress... S. R. Bloom

Hormone—The mechanism of the diabetogenic effects of pituitary growth... J. Bornstein, J. McD. Armstrong, H. P. Taft, F. M. Ng and M. K. Gould

Hormone—Control of growth... secretion in man... W. G. Blackard

Hormone—Effects of training and exercise on growth... release in man... J. G. Devlin, M. P. S. Varma and J. Prendergast

Hormone—Serum growth... in diabetic coma... K. G. M. M. Alberti and T. D. R. Hockaday

Hormone—The relationship between human growth hormone and the development of diabetes mellitus and its complications... Joyce Baird, W. M. Hunter and W. M. Smith

Hormone—Secretion of growth... in the rat... L. S. Howell

Hormones—Gut and islet... in diabetes... K. D. Buchanan

Hospital—Viral and epidemiological findings in MRC/PHLS surveys of respiratory disease in hospital and general practice... Pauline M. Poole and J. O’H. Tobin

Hospitals—What are hospitals doing?... John Dunwoody

Human—The relationship between... growth hormone and the development of diabetes mellitus and its complications... Joyce Baird, W. M. Hunter and W. M. Smith

Human brucellosis—aspects of... P. G. Mann and E. R. Richens

Huntington’s chorea: a centenary review... Kenneth W. G. Heathfield

Hyperbaric—Clostridial brain abscess and... oxygen... A. J. Keogh

Hyperglycaemic—intravenous haemolysis complicating treated non-ketotic... diabetic coma... S. W. Blackwell and C. J. Burns-Cox

Hypertensive emergencies—the treatment of severe hypertensive and... with intravenous clonidine hydrochloride... A. P. Niarchos and A. K. Baksi

Hypertension—the treatment of severe hypertensive and hypertensive emergencies with intravenous clonidine hydrochloride... A. P. Niarchos and A. K. Baksi

Hyperosmolar coma—Carcinoma of the pancreas and... Andrew G. Cudworth

Hypoanalytic—Amyloidosis complicated by intractable postural... G. M. Yuill

Hypoparathyroidism—pseudo-pseudo hypoparathyroidism with coarctation of the aorta—a clinical syndrome?... J. de Swiet

Hypertrophic—Comparison of propranolol and Ro 3–3528 in... tachycardia and dysrhythmias... Eileen M. Phillips, Paul Turner, Joan Houghton and D. G. Ferriman

Hypogammaglobulinaemia with Whipple’s disease... M. Cochran, M. G. Cook, J. C. Gallagher and M. Peacock

Hypothyroidism—Monozygous twins with... and diabetes mellitus... B. Mitchell and A. A. H. Lawson
Index to Volume 49

Ichthyosis—Accentuation of ... vulgaris due to associated leprosy ... A. P. Shah, S. S. Shah and H. V. Doshi 282

Imaging—The role of lung ... in pulmonary embolism ... Fred S. Mishkin and Philip M. Johnson 487

Implanted-pacemaker-induced dysrhythmia and its management ... S. J. Jachuck 14

Immunology—Ankylosing spondylitis and auto-... J. O. Cowan 667

Immunological—The potential role of ... adjuvants in influenza vaccines ... Derek Hobson 180

Immunization—The protective effect of intranasal ... with inactivated influenza virus vaccine ... K. S. Liem, E. A. Marcus, J. Jacobs and R. Van Strik 175

Immunofluorescence in the diagnosis of herpes encephalitis ... Maurice Longson 403

Inactivated—Age-related response to 1000 CCA unit zonally purified ... influenza vaccines in volunteers in the U.S.A. ... William M. Marine and James E. Thomas 164

Inactivated—The protective effect of intranasal immunization with ... influenza virus vaccine ... K. S. Liem, E. A. Marcus, J. Jacobs and R. Van Strik 175

Inactivated vaccines. 2. Laboratory indices of protection ... W. R. Dowdle, S. R. Mostow, M. T. Coleman, H. S. Kaye and S. C. Schoenbaum 159

Inactivated vaccines. I. Volunteer studies with very high doses of influenza virus purified by zonal ultracentrifugation ... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 152

Increasing—A new subunit influenza vaccine: acceptability compared with standard vaccines and antigenicity in ... dosage ... Frederick L. Ruben and George Gee Jackson 185

Indices—Inactivated vaccines. 2. Laboratory ... of protection ... W. R. Dowdle, S. R. Mostow, M. T. Coleman, H. S. Kaye and S. C. Schoenbaum 159

Indices—Some chemical ... of diabetic vascular disease ... E. N. Wardle, D. A. Piercy and J. Anderson 1

Industry—Studies on influenza vaccine in ... J. W. G. Smith and R. Pollard 169

Infection—Nasal and circulating antibody responses to influenza vaccination and their impact in resistance to ... D. A. J. Tyrrell, D. S. Freestone, R. A. Buckland, S. Chinn, G. C. Schild and A. N. Slepukhin 200

Infections—Respiratory syncytial virus infections ... P. S. Gardner 788

Infectious diseases: Annual review of significant publications ... Hobart A. Reimann 325

Infections—Adenovirus infections ... Marguerite S. Pereira 792

Infections—Herpes simplex virus ... B. E. Juel-Jensen 375

Infections—Influenza virus infections ... N. R. Grist 807

Infections—Neonatal 'herpesvirus hominis' ... R. W. John and J. O'H. Tobin 380

Infections—Parainfluenza virus infections ... Suzanne K. R. Clarke 792

Infections—Pyrimidine analogues in the treatment of experimental herpes ... A. H. Tomlinson and F. O. MacCallum 416

Infections—Rhinovirus infections ... P. G. Higgins 802

Influenza—the potential role of immunological adjuvants in ... vaccines ... Derek Hobson 180

Influenza—Nasal and circulating antibody responses to ... vaccination and their importance in resistance to infection ... D. A. J. Tyrrell, D. S. Freestone, R. A. Buckland, S. Chinn, G. C. Schild and A. N. Slepukhin 200

Influenza—A new subunit vaccine: acceptability compared with standard vaccines and antigenicity in increasing dosage ... Frederick L. Ruben and George Gee Jackson 185

Influenza—The protective effect of intranasal immunization with inactivated ... virus vaccine ... K. S. Liem, E. A. Marcus, J. Jacobs & R. Van Strik 175

Influenza—Studies on ... vaccine in industry ... J. W. G. Smith and R. Pollard 169

Influenza—Age-related response to 1000 CCA unit zonally purified, inactivated ... vaccines in volunteers in the U.S.A. ... William M. Marine and James E. Thomas 164

Influenza—Fractionation of the ... virus with the object of producing subunit vaccine ... L. Hoyle and Sheila M. Barker 193

Influenza—Inactivated vaccines. 1. Volunteer studies with very high doses of ... vaccine purified by zonal ultracentrifugation ... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 185

Influenza—epidemiological aspects of influenza in man and other animals ... D. Hobson 530

Influenza—Use of recombination in the production of ... vaccine strains ... D. McCaohn, G. C. Schild, A. S. Beare & T. S. Hall 195

Influenza virus infections ... N. R. Grist 807

Insipidus—Diabetes ... associated with an empty sella turcica ... R. Matisonn and B. Pimstone 274

'Insulinase'—the role of ... in the degradation of insulin ... J. H. Thomas 940

Insulin—Changes in glucose tolerance, ... serum lipids and lipoproteins in patients with renal failure on intermittent haemodialysis ... K. K. Arora, M. K. Atkinson, J. A. P. Trafford, J. Sheldon and R. Nunn 293

Insulin—catabolism of insulin in the dog: evidence for the existence of catabolic pathways ... J. R. M. Franckson and H. A. Ooms 931

Insulin—the role of 'insulinase' in the degradation of ... J. H. Thomas 940

Insulin metabolism—the kinetics of ... in diabetes mellitus ... D. P. Frost, M. C. Srivastava, R. H. Jones, J. D. N. Nabarro and P. H. Sonksen 949
Localizing—Radioisotope scanning of brain, liver, lung and bone with a note on tumour ... agents ... J. P. Lavender
London—A tale of two cities: a comparison of sarcoidosis in ... and Paris ... D. Geraint James, A. N. Walker, J. Turaij and J. P. Battesti
Loop—Villous adenoma in a blind duodenal ... P. E. Jones and J. F. Clegg
Low-calorie—The effect of a ... diet with and without fenfluramine, and fenfluramine alone on the ... low-calorie diabetes ... J. Ranald W. Dykes
Low-calorie—The effect of a ... diet with and without fenfluramine on the glucose tolerance and insulin secretion of obese ... diabetes ... J. Ranald W. Dykes
Malignant—Man—Effects of malignant disease—Sjögren’s syndrome, dysimmunoglobulinaemia and ... . . . Peter Thomas
Malignant—The management of malignant pleural effusion ... M. L. Sutton
Mammals—Aspects of the biosynthesis of glucagon in ... C. Hellerstrom, S. L. Howell, J. C. Edwards and A. Anderson
Man—Colonic motility in ... T. G. Parks
Man—Control of growth hormone secretion in ... W. G. Blackard
Man—Effects of training and exercise on growth hormone release in ... J. G. Devlin, M. P. S. Varma and J. Prendergast
Man—Glucagon and lipid metabolism in ... V. Marks
Management of acute necrotizing encephalitis ... Marc Rappel
Management—Implanted pacemaker-induced dysrhythmia and its ... S. J. Jachuck
Management of malignant pleural effusion ... M. L. Sutton
Manifestations—Hepatic ... during amoebic dysentery ... S. Ramachandran, R. de Saram, C. N. A. Rajapakse and S. Sivalingam
Marburg virus disease ... G. A. Martini
Maternal—A neonatal complication of ... leukaemia treated with 6-mercaptopurine ... J. B. McConnell and R. Bhoola
Maturity-onset—The effect of a low-calorie diet with and without fenfluramine on the glucose tolerance and insulin secretion of obese ... diabetes ... J. Ranald W. Dykes
Maximal—Minimal dose of a stimulus for ... pepsin secretion ... H. G. Desai, M. P. Zaveri and F. P. Antia
Mass—An unexpected abdominal ... Meirion Thomas
McArdle’s syndrome—acute renal failure complicating ... P. M. Ford, W. R. C. Weir and A. A. H. Manugian
Mechanism of the diabetogenic effects of pituitary growth hormone, The ... J. Bornstein, J. McD. Armstrong, H. P. Taft, F. M. Ng and M. K. Gould
Megaloblastic anaemia due to trimethoprim-sulphamethoxazole therapy in uraemia ... G. M. Yuill
Meningitis as the presenting symptom of pituitary adenoma ... R. G. Lascelles, S. J. Tuck, K. K. Bhalla and Paul S. Graves
Meningitis—Metastatic endophthalmitis: a rare complication of meningococcal ... S. Haider
Meningococcal—Metastatic endophthalmitis: a rare complication of ... meningitis ... S. Haider
Mercaptopurine—A neonatal complication of maternal leukaemia treated with 6- ... J. B. McConnell and R. Bhoola
Metabolites—blood metabolites in the diagnosis and treatment of diabetes mellitus ... K. G. M. M. Alberti
Metabolism—A-cell ... and glucagon secretion ... J. C. Edwards
Metabolism—Glucagon and lipid ... in man ... V. Marks
Metabolism—the kinetics of insulin metabolism in diabetes mellitus ... D. P. Frost, M. C. Srivastava, R. H. Jones, J. F. N. Nabarro and P. H. Sonksen
Metabolism—The use of total-body counters for the study of iron ... and iron loss ... G. T. Warner
Metastases—The treatment of jaundice due to liver ... by quadruple chemotherapy ... J. Hughes and T. A. M. Stoker
Metastatic endophthalmitis: a rare complication of meningococcal meningitis ... S. Haider
Minimal dose of a stimulus for maximal pepsin secretion ... H. G. Desai, M. P. Zaveri and F. P. Antia
Molecular pharmacology of the pyrimidine analogues ... L. G. Lajtha
Monozymous twins with hypothyroidism and diabetes mellitus ... B. Mitchell and A. A. H. Lawson
Motility—Colonic ... in man ... T. G. Parks
Mucolipidosis II—I-cell disease ... Neil Gordon
Myelomatosis—Haemolytic anaemia in ... C. D. R. Pengelly, B. K. Mondal and A. R. Barua
Peripheral—Plasma lipids, blood coagulation and fibrinolysis in... arterial disease... R. G. Newall, B. P. Bliss and C. J. C. Kirk

Percutaneous—The value of... cholangiography... Gordon Evison, Myles McNulty and Colin Thomson

Percutaneous—Comparison of... H. G. Desai, M. P. Zaveri and F. P. Antia

Phobia—the effect of leucotomy in intractable weight phobia (primary anorexia nervosa)... A. Crisp and R. Kalucy

Pharmacology—Molecular... of the pyrimidine analogues... L. G. Lajtha

Pharmacology—Molecular... of the pyrimidine analogues... L. G. Lajtha

Pharmacology—Molecular... of the pyrimidine analogues... L. G. Lajtha

Pituitary—The mechanism of the diabetogenic effects of... growth hormone... J. Bornstein, J. McD. Armstrong, H. T. Taft, F. M. Ng and M. K. Gould

Pituitary—Meningitis as the presenting symptom of... adenomata... R. G. Lascelles, S. J. Tuck, K. K. Bhalla and Paul S. Graves

Plasma lipids, blood coagulation and fibrinolysis in peripheral arterial disease... R. G. Newall, B. P. Bliss and C. J. C. Kirk

Platelet adhesiveness in gout... L. Gail Darlington, J. T. Scott and Sidney Shaw

Pleural effusions and yellow nails of late onset... H. D. Eastwood and T. J. Williams

Pleural—The management of malignant pleural effusion... M. L. Sutton

Polluted—Passive smoking; absorption by non-smokers of carbon monoxide from room-air polluted by tobacco smoke... E. Brown, M. A. H. Russell and P. V. Cole

Postmenopausal—Aetiology of... bleeding... M. J. N. C. Kierse

Postural—Amyloidosis complicated by intractable... hypotension... G. M. Yuill

Potential role of immunological adjuvants in influenza vaccines, The... Derek Hobson

Prednisolone—Successful treatment of collagenous sprue with combination of... and gluten-free diet... D. J. Holdstock and Samuel Olesky

Pregnancy and the skeletal complications of sickle cell disease... Oladele Akinla

Pregnancy—The renal excretion of nutrients in... E. F. Hytten

Production—Use of recombination in the... of influenza vaccine strains... D. McCahon, G. C. Schild, A. S. Beare and T. S. Hall

Propranolol—Comparison of... and Ro 3-3528 in hyperthyroid tachycardia and dysrhythmias... Eileen M. Phillips, Paul Turner, Joan Houghton and D. G. Ferriman

Protection—Inactive vaccines. 2. Laboratory indices of... W. R. Dowdle, S. R. Mostow, M. T. Coleman, H. S. Kaye and S. C. Schoenbaum

Protective effect of intranasal immunization with inactivated influenza virus vaccine, The... K. S. Liem, E. A. Marcus, J. Jacobs and R. Van Strik

Pseudo-pseudo-hypoparathyroidism with coarctation of the aorta—a clinical syndrome?... J. de Swiet

Psoriasis—behaviour therapy of psoriasis—a hypo-analytic and counter-conditioning technique... D. Waxman

Psychosurgery and the limbic system... D. Kelly

Psychosurgery—custom psychosurgery... E. Turner

Psychosophical unit—the work of... P. Bridges and J. R. Bartlett

Publications—Infectious diseases: Annual review of significant... Hobart A. Reimann

Pulmonary—Fatal... embolism following compression sclerotherapy for varicose veins... P. McMaster and W. G. Everett

Pulmonary reaction to furonxone... J. V. Collins and A. L. Thomas

Pulmonary—The role of lung imaging in... embolism... Fred S. Mishkin and Philip M. Johnson

Purified—Age-related response to 1000 CCA unit zonally,... inactivated influenza vaccines in volunteers in the U.S.A... William M. Marine and James E. Thomas

Purified—Inactivated vaccines. 1. Volunteer studies with very high doses of influenza vaccine... purified by zonal ultracentrifugation... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye

Pyrimidine analogues in the treatment of experimental herpes infections... A. H. Tomlinson and F. O. MacCallum

Pyrimidine—Haematological complications of therapy with... analogues... C. G. Geary

Pyrimidine—Molecular pharmacology of the... analogues... L. G. Lajtha

Q fever—clinical aspects of... G. Laing Brown

Q fever—epidemiology of... R. J. C. Hart

Quadruple—The treatment of jaundice due to liver metastases by... chemotherapy... J. Hughes and T. A. M. Stoker

Rabies—the vaccination of man and other animals against rabies... J. Crick

Rabies—veterinary aspects of... R. V. Blamire

Radioisotope scanning of brain, liver, lung and bone with a note on tumour localizing agents... J. P. Lavender

Radium—The investigation of renal disease using... Harold L. Aktins and Leonard M. Freeman

Radiotherapy—The treatment of carcinoma of the lung by radiotherapy... T. Deeley
Rare complication—Metastatic endophthalmitis: a . . . of meningococcal meningitis . . . S. Haider 63
Rapid diagnosis of herpes encephalitis, The . . . T. H. Flewett 398
Rat—Secretion of growth hormone in the . . . S. L. Howell 127
Reaction—Pulmonary . . . to furoxone . . . J. V. Collins and A. L. Thomas 518
Reflux—The lack of value of hepatopujegular . . . as a sign of heart failure . . . S. P. Singh and R. Haider 10
Renal—Acute . . . failure and lithium intoxication . . . S. Lavender, J. N. Brown and W. T. Berrill 277
Renal excretion of nutrients in pregnancy, The . . . F. E. Hytten 625
Renal—The investigation of . . . disease using radionuclides . . . Harold L. Atkins and Leonard M. Freeman 503
Research and understanding . . . Sir John McMichael 441
Residual—Herpes simplex virus encephalitis: clinical features and . . . damage . . . J. M. Oxbury and F. O. MacCallum 387
Resistance—Nasal and circulating antibody responses to influenza vaccination and their importance in . . . to infection . . . D. A. J. Tyrrell, D. S. Freestone, R. A. Buckland, S. Chinn, G. C. Schild and A. N. Slepushkin 200
Respiratory—Patterns of respiratory virus infection . . . D. A. J. Tyrrell 820
Respiratory disease—Collaborative studies of acute respiratory disease in patients seen in general practice and in children admitted to hospital. Aims, field methods and morbidity rates . . . D. L. Miller 749
Respiratory disease—Viral and epidemiological findings in MRC/PHLS surveys of respiratory disease in hospital and general practice . . . Pauline M. Poole and J. O’H. Tobin 778
Respiratory Illnesses—The definition of acute respiratory illnesses in children . . . S. D. M. Court 771
Respiratory illnesses—The definition of acute respiratory illnesses in general practice . . . R. E. Hope-Simpson and D. L. Miller 763
Respiratory syncytial virus infections . . . P. S. Gardner 788
Response—Age-related . . . to 1000 CCA unit zonally purified, inactivated influenza vaccines in volunteers in the U.S.A. . . . William M. Marine and James E. Thomas 164
Responses—Nasal and circulating antibody . . . to influenza vaccination and their importance in resistance to infection . . . D. A. J. Tyrrell, D. S. Freestone, R. A. Buckland, S. Chinn, G. C. Schild and A. N. Slepushkin 200
Reticulum—Steatorrhoea jejunal . . . cell sarcoma occurring in a patient on long-term colichine therapy for gout . . . B. J. Boucher and J. T. Wright 106
Retropertioneal—Avascular necrosis of the head of the femur in a case of . . . fibrosis . . . B. A. Kamdar 59
Rhinovirus infections . . . P. G. Higgins 802
Ro 3-3528—Comparison of propranolol and . . . in hyperthyroid tachycardia and dysrhythmias . . . Eileen M. Phillips, Paul Turner, Joan Houghton and D. G. Ferriman 18
Role—The potential . . . of immunological adjuvants in influenza vaccines . . . Derek Hobson 180
Sarcoma—Steatorrhoea jejunal reticulum cell . . . occurring in a patient on long-term colichine therapy . . . B. J. Boucher and J. T. Wright 106
Scanning—Radioisotope . . . of brain, liver, lung and bone with a note on tumour localising agents . . . J. P. Lavender 448
Sclerotherapy—Fatal pulmonary embolism following compression . . . for varicose veins . . . P. McMaster and W. G. Everett 517
Secretion—A-cell metabolism and glucagon . . . J. C. Edwards 611
Secretion—Control of growth hormone . . . in man . . . W. G. Blackard 122
Secretion—Exercise-induced glucagon . . . A. Luyckx and P. Lefebvre 620
Secretion—Minimal dose of a stimulus for maximal pepsin . . . H. G. Desai, M. P. Zaveri and F. P. Antia 258
Secretion—The effect of a low-calorie diet with and without fenfluramine, and fenfluramine alone on the glucose tolerance and insulin . . . of overweight non-diabetics . . . J. Ranald W. Dykes 314
Secretion—The effect of a low-calorie diet with and without fenfluramine on the glucose tolerance and insulin . . . of obese maturity-onset diabetics . . . J. Ranald W. Dykes 318
Secretion of growth hormone in the rat... S. L. Howell 127
Selection of cases for surgery... M. P. Shepherd 711
Sella turcica—Diabetes insipidus associated with an empty... R. Matisonn and B. Pimstone 274
Serum—Changes in glucose tolerance, insulin,... lipids and lipoprotein in patients with renal failure on intermittent haemodialysis... K. K. Arora, M. K. Atkinson, J. A. P. Trafford, J. Sheldon and R. Nunn 293
Serum growth hormone in diabetic coma... K. G. M. Alberti and T. D. R. Hockaday 141
Sickle—Pregnancy and the skeletal complications of... cell disease... Oladele Akinla 255
Sigmoid—Tumours of the... colon following uretersigmoidostomy... W. M. Lien 209
Sign—The lack of value of hepat-jugular reflux as a... of heart failure... S. P. Singh and R. Haider 10
Sjögren's syndrome, dysimmunoglobulinaemia and malignant disease... Peter Thomas 349
Skeletal—Pregnancy and the... complications of sickle cell disease... Oladele Akinla 255
Smoking—Smoking and the Health Service... K. P. Ball 677
Smoking—A no smoking ward is possible... Anne Pang 682
Smoking—Blood carboxyhaemoglobin changes during tobacco smoking... M. A. H. Russell 684
Smoking—Carbon monoxide, smoking and atherosclerosis... Poul Astrup 697
Smoking—Change in smoking habits in a general practice... Sheila Handel 679
Smoking—Nurses’ smoking habits... Sheila Hillier 693
Smoking—Passive smoking; absorption by non smokers of carbon monoxide from room-air polluted by tobacco smoke... E. Brown, M. A. H. Russell and P. V. Cole 688
Somerset—Ornithosis in Somerset. Experience in the South Somerset Clinical Area 1964–71... J. P. Anderson 533
South Africa—Appendicitis, fibre intake and bowel behaviour in ethnic groups in... Alexander R. P. Walker, B. Faith Walker, Barbara D. Walker and Atholie Woolford 243
Spasm—Tic convulsif: The association of Trigeminal neuralgia and hemifacial spasm... R. S. Maurice-Williams 742
Spondylitis—Ankylosing... and auto-immunity... G. O. Cowan 667
Sprue—Successful treatment of collagenous... with combination of prednisolone and gluten-free diet... D. J. Holdstock and Samuel Oleesky 664
Standard—A new subunit influenza vaccine: acceptability compared with... vaccines and antigenicity in increasing dosage... Frederick L. Ruben and George Gee Jackson 185
Staphylococcal endocarditis—oral antibiotic cure of... N. D. Burman, H. S. Joffe and C. Watson 920
Statistical aspects of a co-operative trial on the treatment of ovarian carcinoma... K. D. MacRae 78
Steatorrhoea and jejunal reticulum cell sarcoma occurring inpatient on long-term colchicine for gout... B. J. Boucher and J. T. Wright 106
Stereotactic limbic leucotomy—a follow-up study of thirty patients... D. Kelly and N. Mitchell-Heggs 856
Stereotactic limbic leucotomy: surgical technique... A. Richardson 860
Stereotactic tractotomy—further observations from an experience of 660 cases of stereotactic tractotomy... G. Knight 845
Stimulus—Minimal dose of a... for maximal pepsin secretion... H. G. Desai, M. P. Zaveri and F. P. Antia 258
Stress—Glucagon, a... hormone... S. R. Zaveri 607
Studies on influenza vaccine in industry... J. W. G. Smith and R. Pollard 169
Studies—Inactivated vaccines. 1. Volunteer... with very high doses of influenza vaccine purified by zonal ultracentrifugation... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 152
Study—Stumbling blocks in the... of diamorphine... R. G. Twycross 309
Strains—Use of recombination in the production of influenza vaccine... D. McCahon, G. C. Schild, A. S. Beare and T. S. Hall 195
Stumbling blocks in the study of diamorphine... R. G. Twycross 309
Subarachnoid—Epidemiological features of... and cerebral haemorrhages... S. Talbot 300
Subunit—A new... influenza vaccine: acceptability compared with standard vaccines and antigenicity in increasing dosage... Frederick L. Ruben and George Gee Jackson 185
Subunit—Fractionation of the influenza virus with the object of producing... vaccine... L. Hoyle and Sheila M. Barker 193
 Sulphamethoxazole—Megaloblastic anaemia due to trimethoprim... therapy in uraemia... G. M. Yuill 100
Sulphasalazine—Agranulocytosis associated with... therapy... P. Cochrane, P. Atkins and S. Ehsanullah 669
Surgery—annual review 1972... H. Ellis 644
Surgery—Selection of cases for surgery... M. P. Shepherd 711
Survey—Ovarian cancer: clinical... A. W. Harcus 81
Surgical technique: stereotactic limbic leucotomy... A. Richardson 860
Symptom—Meningitis as the presenting... of pituitary adenomata... R. G. Lascelles, S. J. Tuck, K. K. Bhalla and Paul S. Graves 362
Symptoms—The patient with angina;... and disability... Richard Mayou 250
Syncytial—Respiratory syncytial virus infection... P. S. Gardner 788
Syndrome—Ethanol absorption after gastric operations, and in the coeliac... P. B. Cotton and G. Walker 27
Ultrasound—Inactivated vaccines. 1. Volunteer studies with very high doses of influenza vaccines purified by zonal ... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 152

Understanding—Research and Sir John McMichael 441

Unit—Age-related response to 1000 CCA ... zonally purified, inactivated influenza vaccines in volunteers in the U.S.A. ... William M. Marine and James E. Thomas 164

Ureterosigmoidostomy—Tumours of the sigmoid colon following ... W. M. Lien 209

Urokinase—The use of intra-arterial ... in a case of recurrent arterial occlusion' ... B. J. Boucher, E. M. Connolly and S. C. Farrow 365

U.S.A.—Age-related response to 1000 CCA unit zonally purified, inactivated influenza vaccines in volunteers in the ... William M. Marine and James E. Thomas 164

Use of intra-arterial Urokinase in a case of recurrent arterial occlusion, The ... B. J. Boucher, E. M. Connolly and S. C. Farrow 365

Use of recombination in the production of influenza vaccine strains ... D. McCahon, G. C. Schild, A. S. Beare and T. S. Hall 195

Uptake—The use of oestradiol ... and binding-site studies in endometrial and ovarian carcinoma ... R. W. Taylor, M. G. Brush and R. J. B. King 77

Uraemia—Megaloblastic anaemia due to trimethoprim-sulphamethoxazole therapy in ... G. M. Yuill 100

Vaccination—Nasal and circulating antibody responses to influenza ... and their importance in resistance to infection ... D. A. J. Tyrrell, D. S. Freestone, R. A. Buckland, S. Chinn, G. C. Schild and A. N. Slepshkin 200

Vaccination—the vaccination of man and other animals against rabies ... J. Crick 551

Vaccine—Fractionation of the influenza virus with the object of producing subunit ... L. Hoyle and Sheila M. Barker 193

Vaccine—Use of recombination in the production of influenza ... strains ... D. McCahon, G. C. Schild, A. S. Beare and T. S. Hall 195

Vaccine—The protective effect of intranasal immunization with inactivated influenza virus ... K. S. Liem, E. A. Marcus, J. Jacobs and R. Van Strik 175

Vaccine—Inactivated vaccines. 1. Volunteer studies with very high doses of influenza ... purified by zonal ultracentrifugation ... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 152

Vaccines—A new subunit influenza vaccine: acceptability compared with standard ... and antigenicity in increasing dosage ... Frederick L. Ruben and George Gee Jackson 185

Vaccines—Age-related response to 1000 CCA unit zonally purified, inactivated influenza ... in volunteers in the U.S.A. ... William M. Marine and James E. Thomas 164

Vaccine—A new subunit influenza ... acceptability compared with standard vaccines and antigenicity in increasing dosage ... Frederick L. Ruben and George Gee Jackson 185

Vaccine—Studies on influenza ... in industry ... J. W. G. Smith and R. Pollard 169

Vaccines—Inactivated ... 2. Laboratory indices of protection ... W. R. Dowdle, S. R. Mostow, Marion T. Coleman, H. S. Kaye and S. Schoenbaum 159

Vaccines—The potential role of immunological adjuvants in influenza ... Derek Hobson 180

Vaccines—Inactivated ... 1. Volunteer studies with very high doses of influenza vaccine purified by zonal ultracentrifugation ... Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye 152

Varicella-zoster—Cytosine arabinoside treatment of ... Thomas C. Hall, R. G. Douglas, C. Holton, J. B. Hanshaw and R. F. Betts 429

Varicose—Fatal pulmonary embolism following compression sclerotherapy for ... veins ... P. McMaster and W. G. Everett 517

Vascular disease—cerebral—the influence of antihypertensive treatment over the incidence of ... D. G. Bevers, M. J. Fairman, M. Hamilton and J. E. Harpur 905

Vascular—Some chemical indices of diabetic ... disease ... E. N. Wardle, D. A. Piercy and J. Anderson 1

Veins—Fatal pulmonary embolism following compression sclerotherapy for varicose ... P. McMaster and W. G. Everett 517

Veterinary aspects of rabies ... R. V. Blamire 547

Veterinary aspects of the eradication of brucellosis—some ... A. McDiarmid 526

Villous adenoma in a blind duodenal loop ... P. E. Jones and J. F. Clegg 657

Viral and epidemiological findings in NRC/PHLS surveys of respiratory disease in hospital and general practice ... Pauline M. Poole and J. O’H. Tobin 778

Virological diagnosis of herpes simplex encephalitis in Glasgow (1962–71) ... Constance A. C. Ross 401

Virus—Fractionation of the influenza ... with the object of producing subunit vaccine ... L. Hoyle and Sheila M. Barker 193

Virus—Herpes simplex ... encephalitis: clinical features and residual damage ... J. M. Oxbury and F. O. MacCallum 387

Virus infection ... D. A. J. Tyrrell 820

Virus—Influenza virus infections ... N. R. Grist 807

Virus—The protective effect of intranasal immunization with inactivated influenza ... vaccine ... K. S. Liem, E. A. Marcus, J. Jacobs and R. Van Strik 175

Virus—Herpes simplex ... infections ... B. E. Juel-Jensen 375

Virus disease—Marburg ... G. A. Martini 542

Virus—Parainfluenza virus infections ... Suzanne K. R. Clarke 792
Virus—Respiratory syncytial virus infections
P. S. Gardner
Volunteers—Age-related response to 1000 CCA unit zonally purified, inactivated influenza vaccines in... in the U.S.A. . . . William M. Marine and James E. Thomas
Volunteer—Inactivated vaccines . . . studies with very high doses of influenza vaccine purified by zonal ultracentrifugation . . . Steven R. Mostow, Walter R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye

Ward—A no smoking ward is possible . . . Anne Pang
Weight phobia—adolescent (primary anorexia nervosa)—the effect of leucotomy in intractable . . . A. Crisp and R. Kalucy

Whipple’s disease—Hypogammaglobulinaemia with . . . M. Cochran, M. G. Cook, J. C. Gallagher and M. Peacock

Yellow—Pleural effusions and . . . nails of late onset . . . H. D. Eastwood and T. J. Williams

Zonal—Inactivated vaccines. 1. Volunteer studies with very high doses of influenza vaccine purified by . . . ultracentrifugation . . . Steven R. Mostow, Walter, R. Dowdle, Stephen C. Schoenbaum, Marion T. Coleman and Harold S. Kaye
Zonally—Age-related response to 1000 CCA unit . . . purified, inactivated influenza vaccines in volunteers in the U.S.A. . . . William M. Marine and James E. Thomas
## Author Index

<table>
<thead>
<tr>
<th>Author</th>
<th>Page</th>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, Hume (and Douglas Miller): Herpes simplex encephalitis: a clinical and pathological analysis of twenty-two cases</td>
<td>393</td>
<td>Barker, Sheila M. (and Hoyle, L.): Fractionation of the influenza virus with the object of producing subunit vaccine</td>
<td>193</td>
</tr>
<tr>
<td>Atkins, Harold L. (Freeman, Leonard M.): The investigation of renal disease using radioisotopes</td>
<td>503</td>
<td>Blamire, R.V.: Veterinary aspects of rabies</td>
<td>547</td>
</tr>
</tbody>
</table>

Bridges, P. (and Bartlett, J.R.): The work of a psychological unit 855


Brown, G. Laing: Clinical aspects of 'Q' fever 539

Brown, J.N. (Lavender, S. and Berrill, W.T.): Acute renal failure and lithium intoxication 277

Brush, M.G.: Experimental approaches to endometrial and ovarian cancer 69

Brush, M.G. (Taylor, R.W. and King, R.J.B.): The use of oestradiol uptake and binding-site studies in endometrial and ovarian carcinoma 77

Buchanan, K.D.: Gut and islet hormones in diabetes mellitus and chronic pancreatitis 604


Burman, N.D. (Joffe, H.S. and Watson, C.): Oral antibiotic cure of staphylococcal endocarditis 920

Burns-Cox, C.J. (and Blackwell, S.W.): Intravascular haemolysis complicating treated non-ketotic hyperglycaemic diabetic coma 656

Cairns, V. (and Hitchcock, E.): Amygdalotomy 894

Capell, R. (Thiry, L. and Klatersky, J.): Antiviral activity of a combination of L-asparaginase and cytosine arabinoside used 'in vitro' 428

Chandler, J.A. (Griffiths, K., Henderson, W.J., and Joslin, C.A.F.): Ovarian cancer; some new analytical approaches 69


Christie, A.B.: The clinical aspects of anthrax 565

Clarke, Suzanne K.R.: Para-influenza virus infections 792

Clegg, J.F. (and Jones, P.E.): Villous adenoma in a blind duodenal loop 657


Cochrane, P. (Atkins, P. and Ehsanullah, S.): Agranulocytosis associated with sulphasalazine therapy 669

Cocking, J.B. (and Darke, C.S.): Blood volume studies in chronic obstructive non-specific lung disease: a comparison of the bronchitic and emphysematous patients 914

Cole, P.V. (Russell, M.A.H. and Brown, E.): Passive smoking; absorption by non-smokers of carbon monoxide from room-air polluted by tobacco smoke 688

Coleman, Marion T. (Mostow, Steven R., Dowdle, Walter R., Schoenbaum, Stephen C. and Kaye, Harold S.): Inactivated vaccines. 1. Volunteer studies with very high doses of influenza vaccine purified by zonal ultracentrifugation 152

Coleman, M.T. (Dowdle, W.R., Mostow, S.R., Kaye, H.S. and Schoenbaum, S.C.): Inactivated vaccines. 2. Laboratory indices of protection 159

Collins, J.V. (and Thomas, A.L.): Pulmonary reaction to furoxone 518

Connolly, E.M. (Boucher, B.J. and Farrow, S.C.): The use of intra-arterial Urokinase in a case of recurrent arterial occlusion 365


Cotton, P.B. (and Walker, G.): Ethanol absorption after gastric operations, and in the coeliac syndrome 27

Court, S.D.M.: The definition of acute respiratory illnesses in children 771

Court, S.D.M.: The management and outcome in children admitted to hospital 812

Cowan, G.O.: Ankylosing spondylitis and autoimmunity 667

Cowie, J. (Ball, K.P. and Sillett, R.W.): Changing to cigar smoking 707

Crick, J.: The vaccination of man and other animals against rabies 551

Crisp, A. (and Kalucy, R.): The effect of leucotomy in intractable adolescent weight phobia (primary anorexia nervosa) 883


Cudworth, Andrew G.: Carcinoma of the pancreas and hyperosmolar coma 56


Darlington, L. Gail (Scott, J.T. and Shaw, Sidney): Platelet adhesiveness in gut 24

Haider, S.: Metastatic endophthalmitis: a rare complication of meningococcal meningitis 63
Handel, Sheila: Change in smoking habits in a general practice 679
Harcus, A.W.: Ovarian cancer clinical survey 81
Hart, R.J.C.: The epidemiology of ‘Q’ fever 535
Heathfield, Kenneth W.G.: Huntington’s chorea: a centenary review 32
Henderson, W.J. (Griffiths, K., Chandler, J.A. and Joslin, C.A.F.): Ovarian cancer: some new analytical approaches 69
Higgins, P.G.: Rhinovirus infections 802
Hill, A.V.L. (and Kerr, D.N.S.): Toxicity of cotrimoxazole in nutritional haematinic deficiency 595
Hillier, Sheila: Nurses’ smoking habits 693
Hitchcock, E. (and Cairns, V.): Amygdalotomy 894
Hobson, Derek: The potential role of immunological adjuvants in influenza vaccines 180
Hobson, D.: Epidemiological aspects of influenza in man and other animals 530
Holdstock, D.J. (and Oleesky, Samuel): Successful treatment of collagenous sprue with combination of prednisolone and gluten-free diet 664
Hope-Simpson, R.E. (and Miller, D.L.): The definition of acute respiratory illnesses in general practice 763
Houghton, Joan (Phillips, Eileen M., Turner, Paul and Ferriman, D.G.): Comparison of propranolol and Ro 3-3528 in hyperthyroid tachycardia and dysrhythmias 18
Howell, S.L.: Secretion of growth hormone in the rat 127
Hoyle, L. (and Barker, Sheila M.): Fractionation of the influenza virus with the object of producing subunit vaccine 193
Hughes, J. (and Stoker, T.A.M.): The treatment of jaundice due to liver metastases by quadruple chemotherapy 265
Hunter, W.M. (Baird, Joyce and Smith, W.M.): The relationship between human growth hormone and the development of diabetes mellitus and its complications 132
Hytten, F.E.: The renal excretion of nutrients in pregnancy 625
Jachuck, S.J.: Implanted-pacemaker induced dysrhythmia and its management 14
Jackson, George Geo (and Ruben, Frederick L.): A new subunit influenza vaccine: acceptability compared with standard vaccines and antigenicity in increasing dosage 185
Jacobs, J. (Lien, K.S., Marcus, E.A. and Strik R. Van): The protective effect of intranasal immunization with inactivated influenza virus vaccine 175
Joffe, H.S. (Burman, N.D. and Watson, C.): Oral antibiotic cure of staphylococcal endocarditis 920
Jones, R.H. (Frost, D.P., Srivastava, M.C., Nabarro, J.D.N. and Sonksen, P.H.): The kinetics of insulin metabolism in diabetes mellitus 949
Juel-Jensen, B.E.: Herpes simplex virus infections 375
Johnson, Philip M. (and Mishkin, Fred S.): The role of lung imaging in pulmonary embolism 487
Kalucy, R. (and Crisp, A.): The effect of leucotomy in intractable adolescent weight phobia (primary anorexia phobia) 883
Kamdar, B.A.: Avascular necrosis of the head of the femur in a case of retroperitoneal fibrosis 59
Kaye, Harold S. (Mostow, Steven R., Dowdle, Walter R., Schoenbaum, Stephen C. and Coleman, Marion T.): Inactivated vaccines. 1. Volunteer studies with very high doses of influenza vaccine purified by zonal ultracentrifugation 152
Kaye, H.S. (Dowdle, W.R., Mostow, S.R., Coleman, M.T. and Schoenbaum, S.C.): Inactivated vaccines. 2. Laboratory indices of protection 159
Kelly, D.: Psychosurgery and the limbic system 825
Index to Volume 49

Keogh, A.J.: Clostridial brain abscess and hyperbaric oxygen 64
Kerr, D.N.S. (and Hill, A.V.L.): Toxicity of co-trimoxazole in nutritional haematinic deficiency 595
Khan, A.A.: Triplets—one ectopic, two intrauterine 741
Kierse, M.J.N.C.: Aetiology of postmenopausal bleeding 344
Kind, P.R.N. (Goodwin, T.J. and Bogomoletz, V.W.): Addison's disease without pigmentation 305
King, R.J.B. (Taylor, R.W. and Brush, M.G.): The use of oestrodiol uptake and binding-site studies in endometrial and ovarian carcinoma 77
Kirk, C.J.C. (Newall, R.G. and Bliss, B.P.): Plasma lipids, blood coagulation and fibrinolysis in peripheral arterial disease 297
Klatersky, J. (Cappel, R. and Thiry, L.): Antiviral activity of a combination of L-asparaginase and cytosine arabinoside used 'in vitro' 428
Knight, G.: Further observations from an experience of 660 cases of stereotactic tractotomy 845

Lajitha, L.G.: Molecular pharmacology of the pyrimidine analogues 410
Lascelles, R.G. (Tuck, S.J., Bhalla, K.K. and Graves, Paul S.): Meningitis as the presenting symptom of pityuitary adenoma 362
Lavender, J.P.: Radioisotope scanning of brain, liver, lung and bone with a note on tumour localizing agents 448
Lawson, A.A.H. (and Mitchell, B.): Monozygous twins with hypothyroidism and diabetes mellitus 107
Lavender, S. (Brown, J.N. and Berrill, W.T.): Acute renal failure and lithium intoxication 277
LeFebvre, P. (and Luyckx, A.): Exercise-induced glucagon secretion 620
Lewis, B.W. (and Stothers, J.K.): Congenital narcotic addiction 83
Liem, K.S. (Marcus, E.A., Jacobs, J. and Strik, R.): The protective effect of intranasal immunization with inactivated influenza virus vaccine 175
Lien, W.M.: Tumours of the sigmoid colon following urostosigmoidostomy 209
Lien, W.M.: Liposarcoma of the kidney 660
Liversedge, L.A.: The clinical features of herpes simplex encephalitis (acute necrotizing encephalitis) 383
Longson, Maurice: Immunofluorescence in the diagnosis of herpes encephalitis 403
Luyckx, A. (and LeFebvre, P.): Exercise-induced glucagon secretion 620

MacCallum, F.O. (Oxbury, J.M.): Herpes simplex virus encephalitis: clinical features and residual damage 387
Macrae, K.D.: Statistical aspects of a co-operative trial on the treatment of ovarian carcinoma 78
McConnell, J.B. (and Bhoola, R.): A neonatal complication of maternal leukaemia treated with 6-mercaptopurine 211
McDiarmid, A.: Some veterinary aspects of the eradication of brucellosis 526
McMaster, P. (and Everett, W.G.): Fatal pulmonary embolism following compression sclerotherapy for varicose veins 517
McMichael, Sir John: Research and understanding 441
McNulty, Myles (Evison, Gordon and Thomson, Colin): The value of percutaneous cholangiography 637
Mann, P.G. (and Richens, E.R.): Aspects of human brucellosis 523
Marcus, E.A. (Liem, K.S., Jacobs, J. and Van Strik, R.): The protective effect of intranasal immunization with inactivated influenza virus vaccine 175
Marine, William M. (Thomas, James E.): Age-related response to 1000 CCA unit zonally purified, inactivated influenza vaccines in volunteers in the U.S.A. 164
Marks, V.: Glucagon and lipid metabolism in man 615
Martini, G.A.: Marburg virus disease 542
Matisson, R. (and Pinstone, B.): Diabetes insipidus associated with an empty sella turcica 274
Maurice-Williams, R.S.: Tic convulsif: The association of trigeminal neuralgia and hemifacial spasm 742
Mayou, Richard: The patient with angina; symptoms and disability 250
Miller, Douglas (and Adams, Hume): Herpes simplex encephalitis: a clinical and pathological analysis of twenty-two cases 393
Miller, D.L.: Collaborative studies of acute respiratory disease in patients seen in general practice and in children admitted to hospital. Aims, field methods and morbidity rates 749
Miller, D.L. (and Hope-Simpson, R.E.): The definition of acute respiratory illnesses in general practice
Mishkin, Fred S. (and Johnson, Philip M.): The role of lung imaging in pulmonary embolism
Mitchell, B. (and Lawson, A.A.H.): Monozygous twins with hypothyroidism and diabetes mellitus
Mostow, Steven R. (Dowdle, Walter R., Schoenbaum, Stephen C., Coleman, Marion T. and Kaye, Harold S.): Inactivated vaccines. 1. Volunteer studies with very high doses of influenza vaccine purified by zonal ultracentrifugation
Mostow, S.R. (Dowdle, W.R., Coleman, M.T., Kaye, H.S. and Schoenbaum, S.C.): Inactivated vaccines. 2. Laboratory indices of protection
Nabarro, J.D.N. (Frost, D.P., Srivastava, M.C., Jones, R.H. and Sonksen, P.H.): The kinetics of insulin metabolism in diabetes mellitus
Newall, R.G. (Bliss, B.P. and Kirk, C.J.C.): Plasma lipids, blood coagulation and fibrinolysis in peripheral arterial disease
Ng, F.M. (Bornstein, J., Armstrong, J. McD., Taft, H.P. and Gould, M.K.): The mechanism of the diabeticogenic effects of pituitary growth hormone
Niarchos, A.P. (and Baksi, A.K.): Treatment of severe hypertension and hypertensive emergencies with intravenous clonidine hydrochloride
Oleesky, Samuel (and Holdstock, D.J.): Successful treatment of collagenous sprue with combination of prednisolone and gluten-free diet.
Ooms, H.A. (and Frackson, J.R.M.): The catabolism of insulin in the dog: evidence for the existence of catabolic pathways
Oxbury, J.M. (and MacCallum, F.O.): Herpes simplex virus encephalitis: clinical features and residual damage
Pang, Anne: A no smoking ward is possible
Parks, T.G.: Colonic motility in man
Patel, N.D. (Shah, S.S., Shah, A.P. and Doshi, H.V.): The auriculo-temporal syndrome
Peacock, M. (Cochran, M., Cook, M.G. and Gallagher, J.C.): Hypogammaglobulinaemia with Whipple's disease
Peerea, Marguerite S.: Adenovirus infections
Peters, W.: Antimalarial drugs and their actions
Pimstone, B. (and Matisonn, R.): Diabetes insipidus associated with an empty sella turcica
Pollard, R. (and Smith, J.W.G.): Studies on influenza vaccine in industry
Poole, Pauline M. (and Tohin J. O'H.): Viral and epidemiological in MRC/PHLS surveys of respiratory disease in hospital and general practice
Rajapakse, C.N.A. (Ramachandran, S., de Saram, R. and Sivalingam, S.): Hepatic manifestations during amoebic dysentery
Ramachandran, S. (de Saram, R., Rajapakse, C.N.A. and Sivalingam, S.): Hepatic manifestations during amoebic dysentery
Rappel, Marc: Management of acute necrotizing encephalitis
Reimann, Hobart A.: Infectious diseases: Annual review of significant publications
Richardson, A.: Stereotactic limbic leucotomy: surgical technique
Richens, E.R. (and Mann, P.G.): Aspects of human brucellosis
Ross, Constance A.C.: Virological diagnosis of herpes simplex encephalitis in Glasgow (1962–71)
Ruben, Frederick L. (and Jackson, George Gee): A new influenza vaccine: acceptability compared with standard vaccines and antigenicity in increasing dosage
Russell, M.A.H.: Blood carboxyhaemoglobin changes during tobacco smoking


Walker, G. (and Cotton, P.B.): Ethanol absorption after gastric operations, and in the coeliac syndrome 27

Wardle, E.N. (Piercy, D.A. and Anderson, J.): Some chemical indices of diabetic vascular disease 945

Warner, G.T.: The use of total-body counters for the study of iron metabolism and iron loss 477

Watson, C. (Burman, N.D. and Joffe, H.S.): Oral antibiotic cure of staphylococcal endocarditis 920

Waxman, D.: Behaviour therapy of psoriasis—a hypoanalytic and counter-conditioning technique 591


Williams, T.J. (Eastwood, H.D.): Pleural effusions and yellow nails of late onset 364


Woollford, Atholie (Walker, Alexander R.P., Walker, B. Faith, Richardson, Barbara D.): Appendicitis, fibre intake and bowel behaviour in ethnic groups in South Africa 243

Wright, J.T. (Boucher, B.J.): Steatorrhoea and jejunal cell carcinoma occurring in a patient on long-term colichine therapy for gout 106

Yuill, G.M.: Amyloidosis complicated by intractable postural hypotension 52

Yuill, G.M.: Megaloblastic anaemia due to trimethoprim-sulphamethoxazole therapy in uraemia 100


Van Strik (Liem, K.S., Marcus, E.A. and Jacobs, J.): The protective effect of intranasal immunization with inactivated influenza virus vaccine 175

THE POSTGRADUATE MEDICAL JOURNAL
SYMPOSIUM ON PSYCHOSURGERY

Edited by Dr I. C. Gilliland and Dr Desmond Kelly

CONTENTS

Psychosurgery and the limbic system 825
Desmond Kelly

Custom psychosurgery 834
Eric Turner

Further observations from an experience of 660 cases of stereotactic tractotomy 845
Geoffrey Knight

The work of a psychosurgical unit 855
Paul Bridges and J. R. Bartlett

Stereotactic limbic leucotomy: surgical technique 860
Alan Richardson

Stereotactic limbic leucotomy—a follow-up study of thirty patients 865
Desmond Kelly and Nita Mitchell-Heggs

The effect of leucotomy in intractable adolescent weight phobia (primary anorexia nervosa) 883
Arthur Crisp and Ross Kalucy

Amygdalotomy 894
Edward Hitchcock and Valerie Cairns
Books received


Book reviews

Clinical Pharmacology


This book, Professor Turner and Dr. Richens tell us, 'is an introduction to clinical pharmacology based on an understanding of general pharmacological principles'. The authors are entirely successful in providing an eminently readable and lucid account of the major groups of drugs in current use. The size of the book and its aims mean that detailed dosage schedules are not covered.

Whilst intended primarily for medical students it could be read profitably and with enjoyment by practising clinicians, one of its chief merits being that it is right up to date.

The Kidney


Professor Jan Brod is a distinguished nephrologist of international repute. Unhappily his book is not only unlikely to prove the classic its publishers anticipate but is frankly not very good.

Professor Brod’s major field of interest, as befits a disciple of Homer Smith, is the study of renal physiology in disease. The book throughout adopts a physiological approach, in both explaining the manifestations of kidney diseases and less successfully, in their classification. It certainly provides a weighty repository of data and references to published work on renal function in disease, much of it from Professor Brod’s own departments. As such it proves to be an exhaustive review of renal pathophysiology.

The book’s outstanding weakness is that, in spite of its enormous size, it has very little to offer the clinician in his everyday management of renal problems. He will find a lengthy account of the disturbances of the nephrotic syndrome and their aetiology. He will search in vain for an up-to-date and clear account of its management. He will find a good deal more detailed information about orthostatic proteinuria than about renal involvement in systemic lupus erythematosus. He will be treated to a scholarly account of hexamethonium and mersalyl but learn little about frusemide or other adrenergic blockers. In toto this book in no way reflects the current nephrological scene and regretfully, cannot be recommended for any but the most affluent libraries.


New Editions


As Dr Pearce and Mr Miller tell us, there is no generally accepted definition of dementia, although we all think we know what we mean by it. One may certainly quibble with the authors’ suggestion that dementia is a symptom, but there is no doubt that their small book is a useful account of the subject bringing together as it does for the non-specialist reader, aspects that are not readily accessible in the literature.

In addition to chapters on the clinical features of dementia, its differential diagnosis and methods of investigation (with special emphasis on potentially reversible conditions) there are two interesting chapters on recent work on psychological testing and the psychological abnormalities found in dementia. There are also chapters on the specific major dementing diseases and their neuropathology and on the epidemiology and nosology of dementia.

The emphasis throughout is on the pre-senile dementias looked at from a hospital point of view which perhaps does not accurately reflect the problem of dementia in the community as a whole. Some aspects of the disorder are also considered in more than one place from only marginally different standpoints. Whilst this may prove helpful to some readers tackling this undoubtedly complex subject it could prove irritating to others. It is also a little puzzling to find more space devoted to cerebral blood flow studies than to brain scanning in this somewhat clinical orientated text.

Dementia is an all too common problem for the general physician and geriatrician, as well as for those in neurological and psychiatric practice. Although we can provide precious little help for the majority of our patients, appreciable numbers do have treatable primary conditions. Real clinical skills are needed to avoid the Charybdis and Scylla of under- and over-investigation. This book should prove a valuable help for those navigating these difficult waters.
Postgraduate Medical Journal: Notice to Contributors

Typescripts (two complete copies) should be sent to the Editor, Dr I. Gilliland, Postgraduate Medical Journal, Chandos House, 2 Queen Anne Street, London W1M 9LE. Papers should be typewritten on one side of the paper only, with a 1½ inch margin, and the lines should be double-spaced. In addition to the title of the paper there should be a 'running title' (for page headings) of not more than 45 letters (including spaces). The paper should bear the name of the author(s) with their degrees and descriptions of and of the laboratory or research institute where the work has been carried out. The full postal address of the principal author should be given as a footnote. (The proofs will be sent to this author and address unless otherwise indicated.)

Arrangement. Papers should normally be divided into: (a) Summary, brief, self-contained and embodying the main conclusions; (b) Introduction; (c) Materials and methods; (d) Results, as concise as possible (both tables and figures illustrating the same data will rarely be permitted); (e) Discussion and conclusion; (f) Acknowledgments; (g) References.

References. Only papers closely related to the author's work should be included, exhaustive lists should be avoided. References should be made by giving the author's surname, with the year of publication in parentheses. When reference is made to a work by three authors all names should be given when cited for the first time, and thereafter only the first name, adding et al., e.g. Smith et al. (1958). The 'et al.' form should always be used for works by four or more authors. If several papers by the same author and from the same year are cited, a, b, c, etc., should be put after the year of publication, e.g. Smith et al. (1958a). All references should be brought together at the end of the paper in alphabetical order. References to articles and papers should mention (a) name(s) of the author(s); (b) year of publication in parentheses; (c) title of paper; (d) title of journal in full, underlined; (e) volume number; number of first page of article. References to books and monographs should include (a) name(s) and initials of author(s) or editor(s); year of publication in parentheses; (b) title, underlined; (c) edition; (d) page referred to; (e) publisher; (f) place.

Standard usage. The Concise Oxford English Dictionary is used as a reference for all spelling and hyphenation. Verbs which contain the suffix ize (ise) and their derivatives should be spelt with the z. Statistics and measurements should always be given in figures, i.e. 10 min, 20 hr, 5 ml, except where the number begins the sentence. When the number does not refer to a unit of measurement, it is spelt out except where the number is greater than one hundred.

Abbreviations. Abbreviations for some of the commoner units are given below. The abbreviation for the plural of a unit is the same as that for the singular unless confusion is likely to arise.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Symbol</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>gram(s)</td>
<td>g</td>
<td>second(s) sec</td>
</tr>
<tr>
<td>kilogram(s)</td>
<td>kg</td>
<td>cubic millimetre(s) mm³</td>
</tr>
<tr>
<td>milligram(s)</td>
<td>mg</td>
<td>millimetre(s) mm</td>
</tr>
<tr>
<td>(10⁻³ g)</td>
<td>µg</td>
<td>centimetre(s) cm</td>
</tr>
<tr>
<td>microgram(s)</td>
<td>ng</td>
<td>micromicrometre(s) µm</td>
</tr>
<tr>
<td>(10⁻⁶ g)</td>
<td>pg</td>
<td>millicurie(s) mCi</td>
</tr>
<tr>
<td>nanogram(s)</td>
<td>ng</td>
<td>millilitre(s) ml</td>
</tr>
<tr>
<td>(10⁻⁹ g)</td>
<td>ng</td>
<td>milli-equivalent mEq</td>
</tr>
<tr>
<td>picogram(s)</td>
<td>pg</td>
<td>RF values</td>
</tr>
<tr>
<td>(10⁻¹² g)</td>
<td>pg</td>
<td></td>
</tr>
<tr>
<td>hour(s)</td>
<td>hr</td>
<td></td>
</tr>
<tr>
<td>minute(s)</td>
<td>min</td>
<td>gravitational acceleration g</td>
</tr>
<tr>
<td>micron(s)</td>
<td>µ</td>
<td>percent</td>
</tr>
</tbody>
</table>

Example: mg/100 ml, for biochemical values; mEq/1

Figures. In the text these should be given Arabic numbers, e.g. Fig. 3. They should be marked on the backs with the name(s) of the author(s) and the title of the paper. Where there is any possible doubt as to the orientation of a figure the top should be marked with an arrow. Each figure must bear a reference corresponding to a similar number in the text. Photographs and photomicrographs should be unmounted glossy prints and should not be retouched. Line diagrams should be on separate sheets; they should be drawn with black Indian ink on white paper and should be about four times the area of the final reproduction. Lines and lettering should be of sufficient thickness and size to stand reduction to one-half or one-third. Letters and numbers must be written lightly in pencil. Whenever possible, the originals of line diagrams, prepared as described above, should be submitted and not photographs. The legends of all the figures should be typed together on a single sheet of paper headed 'Legends to Figures'.

Tables. There should be as few tables as possible and these should include only essential data; the data should not be crowded together. The main heading should be in capitals with an Arabic number, e.g. TABLE 2. Each table must have a caption in small letters. Vertical lines should not be used.

Page proofs will be submitted to the contributors for minor corrections and should be returned to the Editor within 3 days. Major alterations to the text cannot be accepted.

Offprints. These may be purchased if ordered on the form which will be sent to the senior author with the proofs.