REVIEW ARTICLES

Solute permeability of the alveolar capillary barrier  MP BARROWCLIFFE, JG JONES  pages 1-10

Spinal cord damage and operations for coarctation of the aorta: aetiology, practice, and prospects  G KEEN  pages 11-8

ORIGINAL ARTICLES

Suppression of host defences by Aspergillus fumigatus  MD ROBERTSON, A SEATON, LJR MILNE, JA RAEBURN  pages 19-25

Trial of ketoconazole in non-invasive pulmonary aspergillosis  DJ SHALE, JA FAUX, DJ LANE  pages 26-31

Extrinsic allergic alveolitis caused by a cold water humidifier  AS ROBERTSON, PS BURGE, GA WIELAND, MHB CARMALT  pages 32-7

Descriptive epidemiology of bronchial reactivity in an adult population: results from a community study  PGJ BURNEY, JR BRITTON, S CHINN, AE TATTERSFIELD, AO PAPACOSTA, MC KELSON, F ANDERSON, DR CORFIELD  pages 38-44

Estimation and repeatability of the response to inhaled histamine in a community survey  S CHINN, JR BRITTON, PGJ BURNEY, AE TATTERSFIELD, AO PAPACOSTA  pages 45-52

A monocyte function test (complement receptor enhancement) to assess the extent of bronchial carcinoma  M CARROLL, MJ SMITH, ME HODSON, AB KAY  pages 53-8

Pharmacokinetics of contraceptive steroids in patients with cystic fibrosis  RJ STEAD, SFM GRIMMER, SM ROGERS, DJ BACK, ML' E ORME, ME HODSON, JC BATTEN  pages 59-64

Effect of betamethasone on airway obstruction and bronchial response to salbutamol in prednisolone resistant asthma  B GRANDORDY, N BELMATOUG, A MORELLE, D DE LAUTURE, J MARSAC  pages 65-71

Thermal dye double indicator dilution measurement of lung water in man: comparison with gravimetric measurements  FG MIHM, TW FEELEY, SW JAMIESON  pages 72-6

SHORT REPORT

Massive haemoptysis as a late consequence of pulmonary irradiation  RD ISAACS, WJ WATTIE, AU WELLS, HH REA, TR BAI  pages 77-8

CORRESPONDENCE

Industrial benefits and respiratory diseases  NJ WIKELEY; FG WARD  page 79

Thoracic medicine in the regions: study of sleep and breathing disorders  JR STRADLING  page 79

CORRECTION

Thoracic medicine in the regions: study of sleep and breathing disorders  page 79

BOOK NOTICES  pages 79-80

NOTICES  page 80
CONTENTS 1987

No. 1 JANUARY

REVIEW ARTICLES
Solute permeability of the alveolar capillary barrier       MP BARROWCLIFFE, JG JONES ........................................ 1
Spinal cord damage and operations for coarctation of the aorta: aetiology, practice, and prospects     G KEEN .......................................................... 11

ORIGINAL ARTICLES
Suppression of host defences by Aspergillus fumigatus       MD ROBERTSON, A SEATON, LJ R MILNE, JA RAEBURN ........... 19
Trial of ketoconazole in non-invasive pulmonary aspergillosis DJ SHALE, JA FAUX, DJ LANE ............................... 26
Extrinsic allergic alveolitis caused by a cold water humidifier AS ROBERTSON, PS BURGE, GA WIELAND, MHB CARMALT 32
Descriptive epidemiology of bronchial reactivity in an adult population: results from a community study PGJ BURNEY, JR BRITTON, S CHINN, AE TATTERSFIELD, AO PAPACOSTA, MC KELSON, F ANDERSON, DR CORFIELD 38
Estimation and repeatability of the response to inhaled histamine in a community survey S CHINN, JR BRITTON, PGJ BURNEY, AE TATTERSFIELD, AO PAPACOSTA .............................................. 45
A monocyte function test (complement receptor enhancement) to assess the extent of bronchial carcinoma M CARROLL, MJ SMITH, ME HODSON, AB KAY ................................................................. 53
Pharmacokinetics of contraceptive steroids in patients with cystic fibrosis RJ STEAD, SFM GRIMMER, SM ROGERS, DJ BACK, ML E ORME, ME HODSON, JC BATTEB .............................................. 59
Effect of betamethasone on airway obstruction and bronchial response to salbutamol in prednisolone resistant asthma B GRANDORDY, N BELMATOUG, A MORELLE, D DE LAUTURE, J MARSAC ............................... 65
Thermal dye double indicator dilution measurement of lung water in man: comparison with gravimetric measurements FG MIHM, TW PEELEY, SW JAMIESON .................................................. 72

SHORT REPORT
Massive haemoptysis as a late consequence of pulmonary irradiation RD ISAACS, WJ WATTIE, AU WELLS, HH REA, TR BAI ................................................................. 77

CORRESPONDENCE
Industrial benefits and respiratory diseases NJ WIKELEY, FG WARD ................................................................. 79
Thoracic medicine in the regions: study of sleep and breathing disorders JR STRADLING ............................................. 79

CORRECTION
Thoracic medicine in the regions: study of sleep and breathing disorders ................................................................. 79

BOOK NOTICES ........................................................................................................ 79

NOTICES .................................................................................................................... 80

No 2 FEBRUARY

EDITORIAL
Human immunodeficiency virus infection: screen, be clean, or both? PJV HANSON, JV COLLINS, DJ JEFFRIES ..................... 81

ORIGINAL ARTICLES
Paradoxical response to nebulised salbutamol in wheezy infants, assessed by partial expiratory flow-volume curves AJ PRENDIVILLE, S GREEN, M SILVERMAN ...................................................... 86
Bronchial responsiveness to histamine in wheezy infants AJ PRENDIVILLE, S GREEN, M SILVERMAN ...................................................... 92
Airway responsiveness in wheezy infants: evidence for functional β adrenergic receptors AJ PRENDIVILLE, S GREEN, M SILVERMAN ...................................................... 100
Twelve year clinical study of patients with hypoxic cor pulmonale given long term domiciliary oxygen therapy CB COOPER, J WATERHOUSE, P HOWARD ...................................................... 105
Mortality in cases of asbestosis diagnosed by a pneumoconiosis medical panel II COUTTS, JC GILSON, IH KERR, WR PARKES, M TURNER-WARWICK ...................................................... 111
Significance of finger clubbing in asbestosis II COUTTS, JC GILSON, IH KERR, WR PARKES, M TURNER-WARWICK ............. 117
Pulmonary abnormalities in obligate heterozygotes for cystic fibrosis PB DAVIS, K VARGO ................................................................................ 120
Impaired tracheobronchial clearance in bronchiectasis DC CURRlE, S PAVIA, JE AGNEW, MT LOPEZ-VIDRIERO, PD DIAMOND, PJ COLE, SW CLARKE ...................................................... 126
Pulmonary function in advanced pulmonary hypertension CM BURKE, AR GLANVILLE, AJR MORRIS, D RUBIN, JA HARVEY, J THEODORE, ED ROBIN ...................................................... 131
A simple and portable paced step test for reproducible measurements of ventilation and oxygen consumption during exercise PW JONES, JM WAKEFIELD, E KONTAKI ...................................................... 136
Teflon strip pneumostasis for excision of giant emphysematous bullae JM PARMAR, WG HUBBARD, HR MATTHEWS ...................................................... 144
No 2 FEBRUARY continued

SHORT REPORTS

Use of a totally implantable system for venous access in cystic fibrosis RJ STEAD, TJ DAVIDSON, FR DUNCAN, ME HODSON, JC BATTEN ................................................................. 149

Haemophilus biotypes in respiratory disease GB RHIND, GA GOULD, F AHMAD, MJ CROUGHAN, MA CALDER ............................ 151

Successful treatment of chylothorax and superior vena cava obstruction by radiotherapy RW HEATON, IR ARNOLD, N HOWARD, A GUZ .................................................. 153

Bromchiectasis with ulcerative colitis and myelopathy WRG GIBB, DP DHIILON, KJ ZILKHA, PJ COLE ................................. 155

Phaeochromocytoma associated with adult respiratory distress syndrome S O'HICKEY, AM HILTON, JS WHITTAKER .......................... 157

CORRESPONDENCE

Effect of manual percussion on tracheobronchial clearance in patients with chronic airflow obstruction and excessive tracheobronchial secretion DC CURRIE, PJ COLE; PP SUTTON, SW CLARKE; CP VAN DER SCHANS, DA PIERS, DS POSTMA ................................................. 159

BOOK NOTICES

NOTICE ........................................................................................................ 85

No 3 MARCH

EDITORIAL

Decline of FEV₁ PD OLDHAM ................................................................. 161

REVIEW ARTICLE

Predictive value of sputum cytology J BENBASSAT, A REGEV, PE SLATER ............................................................................. 165

ORIGINAL ARTICLES

Maximal expiratory flow-volume curves in Londoners aged 60 years and over RW FOWLER, RA PLUCK, MR HETZEL ........................................................................................................ 173

Calcitonin gene related peptide immunoreactivity in rat lung: light and electron microscopic study JM LAUWERNYS, L VAN RANST ................................................................. 183

Effect of nebulised aerosol size on lung deposition in patients with mild asthma MM CLAY, SW CLARKE ........................................ 190

Effect of prednisolone on theophylline pharmacokinetics in patients with chronic airflow obstruction RJ FERGUSSON, CM SCOTT, P RAFFERTY, J GADDIE ............................................. 195

Surgical treatment for myasthenia gravis TJ OTTO, H STRUGALSKA ................................................................. 199

SHORT REPORT

An unsuspected case of wheat induced asthma AJ WILLIAMS, SE CHURCH, R FINN ................................................................. 205

NOTICES ........................................................................................................ 206

Proceedings of the British Thoracic Society, winter meeting 1986 .......................................................................................... 207

No 4 APRIL

REVIEW ARTICLE

Immune and inflammatory function in cigarette smokers PG HOLT ................................................................. 241

ORIGINAL ARTICLES

Lack of immune deficiency in sarcoidosis: compartmentalisation of the immune response BN HUDSPITH, KC FLINT, D GERAIJT-JAMES, J BROSTOFF, NMCI JOHNSON ................................................................................................. 250

Deleterious effects of purulent sputum sol on human ciliary function in vitro: at least two factors identified DA SYKES, R WILSON, M GREENSTONE, DC CURRIE, C STEINFORT, PJ COLE ................................................................. 256

Pulmonary Kaposi’s sarcoma in patients with acquired immune deficiency syndrome: a clinicopathological study PJ FOURET, JL TOUBOUL, CM MAYAUD, GM AKOUN, J ROLAND ................................................................. 262

Fibroptic bronchoscopy in diagnosis of bronchopulmonary Kaposi’s sarcoma PJV HANSON, JN HAR CourT-WEBSTER, BG GAZZARD, JV COLLINS ................................................................................................. 269

Role of computed tomography in diagnosis of bronchiectasis JC COOKE, DC CURRIE, AD MORGAN, IH KERR, D DELANY, B STRICKLAND, PJ COLE ................................................................. 272

Interpretation of bronchograms and chest radiographs in patients with chronic sputum production DC CURRIE, JC COOKE, AD MORGAN, IH KERR, D DELANY, B STRICKLAND, PJ COLE ................................. 278
CONTENTS 1987

No 4 APRIL continued

Use of radionuclide scanning in the preoperative estimation of pulmonary function after pneumonectomy
PA CORRIS, DA ELLIS, T HAWKINS, GJ GIBSON ................................................................. 285
Role of cryoanalgesia in the control of pain after thoracotomy JC ROXBURGH, CG MARKLAND, BA ROSS, WF KERR
Transmission electron microscopy of percutaneous fine needle aspirates from lung: a study of 70 cases DC DAVIES,
AJ RUSSELL, R TAYAR, NT COOKE, MM LEVENE .......................................................... 296
Changes in bronchial responsiveness to histamine at intervals after allergen challenge DW COCKCROFT,
KY MURDOCK .................................................................................................................. 302
Surgical treatment of isolated coarctation of the aorta: 18 years' experience PR BEHL, P SANTÉ, A BLESOVSKY.. 309
SHORT REPORTS
Treatment of small cell lung cancer by pneumonectomy and single course high dose chemotherapy
TJ LITTLEWOOD, AP SMITH, DP BENTLEY ........................................................................... 315
Central muscular ventricular septal defect and coarctation of the aorta RJ MORNE, J OTTENKAMP,
MA SOBOTKA-PŁOJHAR .................................................................................................... 317
CORRESPONDENCE
Effect of sleep deprivation on overnight bronchoconstriction in nocturnal asthma B MOSSBERG, K LARSSON;
JR CATTERALL, NJ DOUGLAS .......................................................................................... 319
Tuberculous pleural effusion occurring during corticosteroid treatment of sarcoidosis JG SCADDING, D MITCHELL;
R PAGE, AJ KNOX, AG WARDMAN .................................................................................. 320
BOOK NOTICES .................................................................................................................. 277

No 5 MAY

EDITORIAL
The Kveim response: still useful, still a puzzle CS MUNRO, DN MITCHELL ........................................... 321

ORIGINAL ARTICLES
Serum C-reactive protein concentrations in patients with pulmonary sarcoidosis CRK HIND, KC FLINT,
BN HUDSPITH, D FELDMINGHAM, J BROSTOFF, NMCL JOHNSON ........................................ 332
Response and acclimatisation of symptomless smokers on changing to a low tar, low nicotine cigarette
G WOODMAN, SP NEWMAN, D PAVIA, SW CLARKE ................................................................ 336
Mesothelioma in Cyprus: the role of tremolite K McCONNOCHIE, L SIMONATO, P MAVRIDES, P CHRISTOFIDES,
FD POOLEY, JC WAGNER .................................................................................................... 342
Importance of airflow obstruction after thoracoplasty MS PHILLIPS, MR MILLER, WJM KINNEAR, SE GOUGH,
JM SHNEERSON .................................................................................................................. 348
Oxygen desaturation during sleep and exercise in patients with interstitial lung disease B MIDGREN, L HANSSON,
L ERIKSSON, P AIRIKKALA, D ELMQVIST ......................................................................... 353
Failure of ipratropium bromide to modify the diurnal variation of asthma in asthmatic children PD SLY,
LI LANDAU, A OLINSKY ...................................................................................................... 357
Prevalence of bronchial hyperresponsiveness and asthma in a rural adult population AJ WOOLCOCK, JK PEAT,
CM SALOME, K YAN, SD ANDERSON, RE SCHOEFFEL, G MCCOWAGE, T KILALEA ...................... 361
Early and late results of surgical treatment of congenital coronary artery fistula AJC BOGERS, JM QAAGEBEUCR,
HA HUYSMANS ................................................................................................................. 369
Development of acute lung injury after the combination of intravenous bleomycin and exposure to hyperoxia in
rats JG HAY, PL HASLAM, A DEWAR, B ADDIS, M TURNER-WARWICK, GJ LAURENT .................. 374
Growth of the bronchial tree in man K HORSFIELD, WI GORDON, W KEMP, S PHILLIPS .................. 383
SHORT REPORTS
Paraffinoma confirmed by infrared spectrophotometry B CORRIN, PR CROCKER, BJ HOOD, DA LEVISON, WR PARKES
Salmonella typhimurium and rupture of the thoracic aorta CB OOPPER, J FLINN .................................. 389
Instrumental perforation of the oesophagus into the pericardial cavity UR NAIR .................................. 391
Aortopulmonary fistula: role of computed tomography S HAMPSON, J PEPPER ................................. 393
Intrathoracic mycotic aneurysm detected by indium-111 labelled autologous neutrophils with single photon
emission computed tomography D BELL, MH JACKSON, AJM STEVENSON, JJ NICOLL .................. 395
CORRESPONDENCE
Extrinsic allergic alveolitis caused by a cold water humidifier AJ WILLIAMS, U GORDON; AS ROBERTSON,
P SHERWOOD BURGE .......................................................................................................... 397
Rapid diagnosis of sputum negative miliary tuberculosis using the flexible fibreoptic bronchoscope WS KWEEN
BOOK NOTICE ..................................................................................................................... 400
NOTICES ................................................................................................................................. 400
CONTENTS 1987

No 6 JUNE
FOR DEBATE
Pulmonary sequestration and related congenital bronchopulmonary vascular malformations: a nomenclature and classification based on anatomical and embryological considerations  BS CLEMENTS, JO WARNER ............ 401

ORIGINAL ARTICLES
Congenital bronchopulmonary vascular malformations: clinical application of a simple anatomical approach in 25 cases  BS CLEMENTS, JO WARNER, EA SHINEBOURNE ..................................................... 409
The crossover lung segment: congenital malformation associated with a variant of scimitar syndrome  BS CLEMENTS, JO WARNER .......................................................... 417
Epidemiology of sarcoidosis in the Isle of Man—I: A case controlled study  SA PARKES, SBdeC BAKER, RE BOURDILLON, CRH MURRAY, M RAKHIT ...... 420
Epidemiology of sarcoidosis in the Isle of Man—II: Evidence for space-time clustering  SE HILLS, SA PARKES, SBdeC BAKER ......................................................... 427
Regulatory peptides in the respiratory tract of Macaca fascicularis  MA GHATEI, DR SPRINGALL, JM RICHARDS, JA OOSTVEEN, RL GRIFFIN, A CADIEUX, JM POLAK, SR BLOOM .......................................... 431
Role of the neodymium YAG laser in the management of tracheal tumours  PJM GEORGE, CPO GARRETT, MR HETZEL ........................................................ 440
Late sequelae of pulmonary tuberculosis treated by thoracoplasty  MS PHILLIPS, WJM KINNEAR, JM SHINEERSON ......................................................... 445
Peripheral blood eosinophil counts and bronchial responsiveness  KJ TAYLOR, AR LUKSZA ................................................ 452
Effect of particle size of bronchodiater aerosols on lung distribution and pulmonary function in patients with chronic asthma  DM MITCHELL, MA SOLOMON, SEI TOLFREE, M SHORT, SG SPIRO ......................................... 457
Effect of nedocromil sodium on sulphur dioxide induced bronchoconstriction  CMS DIXON, RW FULLER, PJ BARNES  ..................................................... 462
Resistance of spores of Aspergillus fumigatus to ingestion by phagocytic cells  MD ROBERTSON, A SEATON, LJR MILNE, JA RAEBURN  .................. 466

SHORT REPORTS
Ectopic right upper lobe bronchus as a cause of breathlessness  HR HOSKER, HW CLAGUE, GN MORRITT ............ 473
Non fatal pulmonary haemorrhage associated with nitrofurantoin  CE BUCKNALL, MR ADAMSON, SW BANHAM ............. 475
Pleural aspergillosis in a 14 year old boy  MC KEARON, JT POWER, AE WOOD, LJ CLANCY ............. 477
Unexpected pulmonary nocardioses in a non-immunocompromised patient  JM BRECHOT, F CAPRON, J PRUDENT, J ROCHEMAURE  ............. 479

No 7 JULY
ORIGINAL ARTICLES
Recurrence of pulmonary embolism during anticoagulant treatment: a prospective study  P G IRARD, M MATHIEU, G SIMONNEAU, P PETITPRETZ, J CERRINA, P HERVE, J ROSSO, D MUSSET, J MENSCH, P DURoux ..................................................... 481
Short term variability in FEV1 and bronchodilator responsiveness in patients with obstructive ventilatory defects  PM TWEEDDALE, F ALEXANDER, GIR McHARDY ................................................. 487
Emergency use of nebulised bronchodilator drugs in British hospitals  BRC O‘DRISCOLL, GM COCHRANE ............. 491
Failure of aerosolised 99mTc DTPA clearance to predict outcome in patients with respiratory distress syndrome  D ROYSTON, S BRAUDE, KB NOLOP ......................................................... 494
Abnormalities of lung mechanics in young asthmatic children  A GREENOUGH, BG LOFTUS, J POOL, JF PRICE ............. 500
Role of the oesophagus in asthma induced by the ingestion of ice and acid  NM WILSON, N CHUDRY, M SILVERMAN ............................ 506
New technique for treating occlusive and stenosing tumours of the trachea and main bronchi: endobronchial irradiation by high dose iridium-192 combined with laser canalisation  HM MACHA, K KOCH, M STADLER, W SCHUMACHER, D KRUMHAAR ........................................... 511
Traumatic lung pseudocyst  T SHIRAKUSA, Y ARAKI, M TSUTSUI, R MOTONAGA, M IWANAGA, H OGAMI, K MATSUBA ........................................ 516
Thyroid function and endocrine abnormalities in elderly patients with severe chronic obstructive lung disease  SM GOW, J SETH, GJ BECKETT, G DOUGLAS .................. 520
Cystic fibrosis in adolescents and adults  ARL PENKETH, A WISE, MB MEARNS, ME HODSON, JC BATTEN ............. 526
Enteric coated microspheres of pancreatin in the treatment of cystic fibrosis: comparison with a standard enteric coated preparation  RJ STEAD, I SKYPALA, ME HODSON, JC BATTEN  .................. 533
Distal intestinal obstruction syndrome in cystic fibrosis treated by oral intestinal lavage, and a case of recurrent obstruction despite normal pancreatic function  AC DAVIDSON, K HARRISON, CL STEINFORT, DM GEDDES ............. 538
Ethnic variation in respiratory morbidity and lung function in childhood  IDA JOHNSTON, JM BLAND, HR ANDERSON  .................. 542

SHORT REPORTS
Repair of incisional hernia after median sternotomy  BR DAVIDSON, JS BAILEY ......................................................... 549
Bronchoalveolar lavage cell populations in bleomycin lung toxicity  DA WHITE, MG KRIS, DE STOVER ............. 551
Endobronchial zygomycosis  EW BENBOW, RE BONSHEK, RW STODDART .......................... 553
CONTENTS

No 7 JULY continued
Miliary tuberculosis with hypercalcaemia and raised vitamin D concentrations R D ISAACS, G I NICHOLSON, IM HOLDAWAY ................................................................. 555
Pleurectomy for chylothorax associated with intestinal lymphangiectasia DS BARRETT, SR LARGE, GM REES .......................... 557
CORRESPONDENCE
Central lymph node changes and progressive massive fibrosis in coalworkers J LEIGH, AN WILES; RME SEAL, A COCKCROFT, JC WAGNER ................................................................. 559
BOOK NOTICES ................................................................. 560
NOTICE ........................................................................ 560

No 8 AUGUST
HISTORICAL REVIEW
Hypertrophic osteoarthropathy: four early reports by British authors (1889–1897) L DOYLE ................................. 561

ORIGINAL ARTICLES
Role of mast cells in the pathogenesis of hypersensitivity pneumonitis P SOLER, S NIOCHE, D VALEYRE, F BASSET, J BENVENSTE, C BURTIN, JP BATTISTI, R GEORGES, AJ HANCE ................................................................. 565
Continuous respiratory support in quadriplegic children by bilateral phrenic nerve stimulation H GARRIDO, J MAZARA, P GUTIERREZ, E GONZALEZ, J RIVAS, J MADRAZO ................................. 573
Effects of laser treatment on respiratory function in malignant narrowing of the central airways JI GILMARTIN, D VEALE, BG COOPER, PM KEAHEY, GI GIBSON, GN MORRITT ................................. 578
Asbestos induced diffuse pleural fibrosis: pathology and mineralogy M STEPHENS, AR GIBBS, FD POOLEY, JC WAGNER ................. 583
Pneumococcal serotypes in sputum isolates during acute respiratory illness in Edinburgh GA GOULD, GB RHIND, AD MORGAN, G WILLIAMSON, MA CALDER ........................................ 589
*Mycobacterium malmoense* infections in Scotland: an increasing problem AJ FRANCE, DT McLEOD, MA CALDER, A SEATON ................................................................. 593
Rapid diagnosis of an outbreak of legionnaires' disease at Glasgow Royal Infirmary JH WINTER, AC MCCARTNEY, RJ FALLOWS, ABM TELPER, JK DRURY, JJ REECE, MC TIMBURY ................................. 596
Breathing patterns during sleep in patients with nocturnal asthma AD MORGAN, GB RHIND, JJ CONNAUGHTON, JR CATTERALL, CM SHAPIRO, NJ DOUGLAS ................................................................. 600
Measurement of effective pulmonary blood flow by soluble gas uptake in patients with chronic airflow obstruction RJ PIERCE, CF MCDONALD, CA THUYS, PD ROCHFORD, CE BARTER ................................................................. 604
Atrophy of Leydig cells in the testes of men with longstanding chronic bronchitis and emphysema JR GOSNEY Pulmonary vascular permeability to transferrin in the pulmonary oedema of renal failure GM ROKKER, AG MORGAN, D PEARSON, GS BASRAN, DJ SHALE ................................................................. 615
Anatomical distribution of bronchoalveolar lavage fluid as assessed by digital subtraction radiography CA KELLY, CJ KOTRE, C WARD, DJ HENDRICK, EH WALTERS ................................................................. 624

SHORT REPORTS
Cardiorespiratory responses to dynamic exercise after human heart-lung transplantation M ESTENNE, G PRIMO, JC YERNAULT ................................................................. 629
Effect of head position on the efficacy of topical treatment of chronic mucopurulent rhinosinusitis R WILSON, DA SYKES, KL CHAN, PJ COLE, IS MACKAY ................................................................. 631
Benign thymic cysts in Hodgkin’s disease: report of a case and review of published cases CR LEWIS, A MANOHARAN Adult intrapulmonary and mediastinal lymphangioma causing haemoptysis WE HOLDEN, JP MORRIS, RAantonovic, TH GILL, S KESSLER ................................................................. 633
Use of a flexible choledochoscope for pericardioscopy and drainage of a loculated pericardial effusion KKS WONG, AKC LI ................................................................. 637
BOOK NOTICES ................................................................. 638
CORRESPONDENCE
Mortality in cases of asbestososis diagnosed by a pneumoconiosis medical panel JE COTES; WOCM COOKSON, AW MUSK, NH DE KLERK; II COUTTS ................................................................. 639
CORRECTIONS
Predictive value of sputum cytology (Benbassat et al); Rapid diagnosis of sputum negative miliary tuberculosis using the flexible fibreoptic bronchoscope (Kwee); Role of the neodymium YAG laser in the management of tracheal tumours (George et al) ................................................................. 640
NOTICES ........................................................................ 640
No 9 SEPTEMBER

EDITORIAL
The adult respiratory distress syndrome—20 years on DJ SHALE

ORIGINAL ARTICLES
Asbestos pleural effusion: a clinical entity G MÄRTENSSON, S HAGBERG, K PETTERSSON, G THRINGER
Use of bronchoalveolar lavage in the evaluation of methotrexate lung disease GM AKOUN, CM MAYAUD, JL TOBOUL, MP DENIS, BJ MILLERON, JY FERROT
Laser treatment for tracheobronchial tumours: local or general anaesthesia? PJM GEORGE, CPO GARRETT, C NIXON, MR HEITZEL, EM NANSON, FJC MILLARD
Low serum testosterone as an indicator of metastatic bronchial carcinoma DP TAGGART, C GRAY, KG DAVIDSON, A FAICHNEY
Long term study of the effect of sodium cromoglycate on non-specific bronchial hyperresponsiveness CJ JENKINS, ABX BRESLIN
Use of anti-asthma drugs in New Zealand BL SINCLAIR, DWJ CLARKE, MR SEARS
Effect of OKY 046, a thromboxane synthase inhibitor, on lung vascular permeability after pulmonary embolism in sheep S LECUK, JM KLAUSNER, A MERHAV, RR ROZIN
Rupture of the tracheobronchial tree JC ROXBURGH
Evaluation of the turbine pocket spirometer KA GUNAWARDENA, K HOUSTON, AP SMITH

SHORT REPORTS
Arterial oxygen saturation during bronchoigraphy via the fibreoptic bronchoscope JM GOLDMAN, DC CURRIE, AD MORGAN, JV COLLINS
Association of idiopathic pulmonary haemosiderosis with IgA monoclonal gammopathy S NOMURA, T KANOH
Pneumonia due to Histoplasma capsulatum in a bone marrow transplant recipient MW PETERSON, AD PRATT, KM NUGENT
Intrathoracic infections due to Eikenella corrodens S JAVAHERI, RM SMITH, D WILTSE

CORRESPONDENCE
Paradoxical response to nebulised salbutamol in wheezy infants C O'CALLAGHAN, AD MILNER, R BEASLEY, P RAFFERTY, S HOLGATE, A PRENDIVILLE, M SILVERMAN

BOOK NOTICES
NOTICE

No. 10 OCTOBER

REVIEW ARTICLE
Studying lung cancer in the laboratory: I—Development of model systems RJ FERGUSSON, JF SMYTH

ORIGINAL ARTICLES
Value of bronchoalveolar lavage in the management of severe acute pneumonia and interstitial pneumonitis in the immunocompromised child J de BLIC, P MCKELVIE, M LE BOURGEOS, S BLANCHE, MR BENOIST, P SCHEINMANN
Role of bronchoalveolar lavage in the evaluation of interstitial pneumonitis in recipients of bone marrow transplants HJ MILBURN, HG PRENTICE, RM DU BOIS
A measure of quality of life for clinical trials in chronic lung disease GH GUYATT, LB BERMAN, M TOWNSEND, SO PUGSLEY, LW CHAMBERS
Effect of inhaled substance P and neurokinin A on the airways of normal and asthmatic subjects G JOOS, R PAUWELS, M VAN DER STAETEN
Increased plasma motilin concentrations in small cell carcinoma of the lung ANOSEDJA, TL PEETERS, M DELHAYE, VBORMANS, Y COUVREUR, G VANDERMOLEN, P DE FRANQUEN, P ROCMANS, JY YERNALDT
Mesenchymoma of the lung (so called hamartoma): a review of 154 parenchymal and endobronchial cases JMM VAN DEN BOSCH, SE WAGENAAR, B CORRIN, JRJ ELBERS, PJ KNAEPEN, CJ WESTERMANN
Effect of nifedipine on serum theophylline concentrations and asthma control SR SMITH, J WIGGINS, DE STABLEFORTH, C SKINNER, MJ KENDALL
Effect of sustained release terbutaline on symptoms and sleep quality in patients with nocturnal asthma IC STEWART, RB RHIND, JT POWER, DC FLENLEY, NJ DOUGLAS
Respiration during sleep in kyphoscoliosis EH SAWICKA, MA BRANTHWAIT
Comparison of the effects of inhaled ipratropium bromide and salbutamol on the bronchoconstrictor response to hypocapnic hyperventilation in normal subjects JP JAMISON, PJ GLOVER, WM WALLACE
CONTENTS 1987

No 10 OCTOBER continued

Measurement of nasal potential difference in adult cystic fibrosis, Young's syndrome, and bronchiectasis
EFWW ALTON, JG HAY, C MUNRO, DM GEDDES .......................... 815

SHORT REPORTS

Small cell and squamous cell lung carcinomas: sequential occurrence at a single site CP KELLY, D O’DONNELL, B WEST, N GALLAGHER, L CLANCY .......................... 821
Prolonged fever after pleural instillation of Corynebacterium parvum (Coparvax) CM LAROCHE, M BRITTON .......................... 823
Pleural effusion after rupture of silicone bag mammary prosthesis WMR STEVENS, JGW BURDON, JF NIALL .......................... 825
Effect of ethanol on transfer factor: the importance of posture DJ LYONS, H MOSZORO, TJ PETERS, JS MILLEGE .......................... 827

CORRESPONDENCE

Trial of ketoconazole in allergic bronchopulmonary aspergillosis EC FOURNIER; DJ SHALE, JH FAUX, DJ LANE .......................... 831
Airway response to methacholine during exercise induced refractoriness in asthma I AMARAV .......................... 832

No 11 NOVEMBER

REVIEW ARTICLE

Studying lung cancer in the laboratory: 2—Chemosensitivity testing RJ FERGUSSON, JF SMYTH .......................... 833

ORIGINAL ARTICLES

Combined versus single antituberculosis drugs on the in vitro sensitivity patterns of non-tuberculous mycobacteria J BANKS, PA JENKINS .......................... 838
Structure of central airways in current smokers and ex-smokers with and without mucus hypersecretion: relationship to lung function JBM MULLEN, JL WRIGHT, BR WIGGS, PD PARÉ, JC HOGG .......................... 843
Significance of tomographic signs in the diagnosis of bronchial carcinoma MJ TURNER, ASC THORNTON, B GORMAN, LR BAGG, ID COX, NJ RUSSELL .......................... 849
Patients presenting with lung cancer in South East Scotland EDINBURGH LUNG CANCER GROUP .......................... 853
Drill biopsy in the diagnosis of lung lesions P SHATAPATHY, RC SAHOO, KM RAO, KV KRISHNAN, PVP RAU, A PADHEE .......................... 858
Pattern of collagen types and molecular structure of collagen in acute post-traumatic pulmonary fibrosis AG NERLICH, ML NERLICH, PK MÜLLER .......................... 863
Comparison of human bronchial smooth muscle responsiveness in vitro with histological signs of inflammation JC DE JONGST, H MONSE, R VAN STRIK, IL BONTA, KF KERREBUN .......................... 870
Effectiveness of a heat and moisture exchanger in preventing hyperpnoea induced bronchoconstriction in subjects with asthma TR GRAVELYN, M CAPPER, WL ESCHEBNACHER .......................... 877
Effect of high dose inhaled beclomethasone dipropionate on carbohydrate and lipid metabolism in normal subjects YT KRUSZYNSKA, M GREENSTONE, PD HOME, NJ COOKE .......................... 881
Phrenic nerve stimulation in normal subjects and in patients with diaphragmatic weakness A MEER, C BROPY, J MOKHAM, M GREEN .......................... 885
Haemophilus influenzae pneumonia in Melanesian adults: report of 15 cases DJ BARNES, S NARAQI, JD IGO .......................... 889
Evaluation of the Ohmeda 3700 pulse oximeter ARH WARLEY, JH MITCHELL, JR STRADLING .......................... 892

SHORT REPORTS

Metastases in diffuse pleural mesothelioma: influence of histological type M HUNCHAREK, J MUSCAT .......................... 897
Unusual endobronchial extension of bronchial carcinoma treated by YAG laser and surgery M TORRE, B BARBERI, F DONATELLI, M RAVINI, GF RIZZATO, PA BELLONI .......................... 899
Metastatic renal cell carcinoma mimicking pleural mesothelioma DR TAYLOR, W PAGE, D HUGHES, G VARGHESE .......................... 901
Comparison of bronchograms after instillation of contrast medium via fibreoptic bronchoscope and nasal catheter DC CURRIE, JM GOLDMAN, PJ COLE, B STRICKLAND .......................... 903
Tracheal stenosis due to relapsing polychondritis in rheumatoid arthritis ME ROGERSON, EM HIGGINS, RC GODFREY .......................... 905
Anomalous drainage of inferior vena cava to left atrium in association with total anomalous pulmonary venous drainage RK LAMB, SA QURESHI, RG PATEL, DI HAMILTON .......................... 907
Tumour induced hypophosphataemia associated with small cell carcinoma of the bronchus J BANKS, MD PENNEY, EG ANDERSON .......................... 909

CORRESPONDENCE

Epidemiology of sarcoidosis in the Isle of Man JG AYRE, SB DE C BAKER .......................... 911
Pleurectomy for chylothorax associated with intestinal lymphangiectasia D WEISSBERG .......................... 911

BOOK NOTICES

CONTENTS 1988

PAGE
CONTENTS 1987

No 12 DECEMBER

EDITORIAL
The necrotising vasculitides  FA SAWICKA ................................................................. 913

TRANSLATION OF A CLASSIC PAPER
On generalised septic vessel diseases  F WEGENER (translated by R Socías, A Pozniak) ........ 918

FIFTIETH ANNIVERSARY
Wegener and Wegener's granulomatosis  R SOCIAS, D GERAINT JAMES, A POZNIAK ............. 920

REVIEW ARTICLE
Studying lung cancer in the laboratory: 3—Use of cell lines to investigate the biology of lung cancer  R J FERGUSSON, J F SMYTH ................................................................. 922

ORIGINAL ARTICLES
Lipids in bronchoalveolar lavage fluid from patients with sarcoidosis  RB LOW, GS DAVIS, DY BELL, MS GIANCOLA, PM VACEK ................................................................. 926

Hyaluronic acid in bronchoalveolar lavage fluid in patients with sarcoidosis: relationship to lavage mast cells L BIERMER, A ENGEFÖRM-LAURENT, M THUNELL, R HÄLLGREN ................................................................. 933

Effect of oral terfenadine on the bronchoconstrictor response to inhaled histamine and adenosine 5'-monophosphate in non-atopic asthma  GD PHILLIPS, P RAFFERTY, R BEASLEY, ST HOLGATE ................................................................. 939

Effects of a cyclo-oxygenase inhibitor, flurbiprofen, and an H1 histamine receptor antagonist, terfenadine, alone and in combination on allergen induced immediate bronchoconstriction in man  N CURZEN, P RAFFERTY, ST HOLGATE ................................................................. 946

Comparative bronchial responses to hyperosmolar saline and methacholine in asthma  L-P BOULET, C LEGRIS, L THIBAULT, H TURCOTTE ................................................................. 953

Pulmonary restrictive effect of bracing in mild idiopathic scoliosis  J D KENNEDY, C F ROBERTSON, A OLINSKY, DRV DICKENS, PD PHELAN ................................................................. 959

Vertebral compression fractures and mineral metabolism in chronic obstructive lung disease  J A RIANCHI, J GONZÁLEZ MACÍAS, C DEL ARCO, JA AMADO, J FREJANES, MA ANTÓN ................................................................. 962

Use of percutaneous needle biopsy in the investigation of solitary pulmonary nodules  ARL PENKETH, AA ROBINSON, V BARKER, CDR FLOWER ................................................................. 967

Nucleolar organiser regions in small cell carcinoma of the bronchus  J CROCKER, J AYRES, J MCGOVERN ................................................................. 972

Solitary fibrous tumour of the pleura: an ultrastructural and immunohistochemical study  S KEATING, GT SIMON, I ALEXOPOLOU, JM KAY ................................................................. 976

Bullets retained within the heart: diagnosis and management in three cases  LSM FRAGOMENI, PC AZAMBUJA ................................................................. 980

SHORT REPORTS
Spontaneous fracture of the sternum and sternal tuberculosis  RA WATTS, EW PAICE, AG WHITE ................................................................. 984

Clubbing in African patients with pulmonary tuberculosis  PA REEVE, AD HARRIES, WA NKHOMA, DS NYANGULU, JJ WIRIMA ................................................................. 988

Rheumatoid lung cavitation and response to penicillamine  J SPENCER JONES ................................................................. 990

Visceral larva migrans caused by Trichuris vulpis presenting as a pulmonary mass  Y MASUDA, T KISHIMOTO, H ITO, M TSUI ................................................................. 992

CORRESPONDENCE
The crossover lung segment: congenital malformation associated with a variant of scimitar syndrome  I HYDE, PME JAMES, J S CLEMENTS, JO WARNER ................................................................. 992

NOTICES ................................................................. 992

INDEX for 1987 ................................................................. 993

CONTENTS for 1987