Therapeutic aerosols 2—Drugs available by the inhaled route  SW CLARKE, SP NEWMAN  pages 1-7

Ebstein’s anomaly: sixteen years’ experience with valve replacement without plication of the right ventricle  P RAJ BEHL, A BLESOVSKY  pages 8-13

High prevalence of familial sarcoidosis in an Irish population  NJ BRENNAN, P CREAN, JP LONG, MX FITZGERALD  pages 14-8

HLA associations in sarcoidosis: a study of two ethnic groups  J GARDNER, HG KENNEDY, A HAMBLIN, E JONES  pages 19-22

Assessment of conventional tomography and fibreoptic bronchoscopy in the diagnosis of potentially malignant chest opacities  LR BAGG, ID COX, NJ RUSSELL, ASC THORNTON, B GORMAN, MJ TURNER  pages 23-7

Comparative radiographic features of community acquired legionnaires’ disease, pneumococcal pneumonia, and psittacosis  JT MACFARLANE, AC MILLER, WH RODERICK SMITH, AH MORRIS, DH ROSE  pages 28-33

Airway response to inhaled salbutamol in hyperthyroid and hypothyroid patients before and after treatment  RN HARRISON, AE TATTERSFIELD  pages 34-9

Effect of prior bronchoconstriction on the airway response to histamine in normal subjects  KF CHUNG, PD SNASHALL  pages 40-5

Sex hormone suppression and sexual impotence in hypoxic pulmonary fibrosis  P D’A SEMPLE, GH BEASTALL, TM BROWN, KW STIRLING, RJ MILLS, WS WATSON  pages 46-51

Jaundice after open heart surgery: a prospective study  C-M CHU, C-H CHANG, Y-F LIAW, M-J HSIEH  pages 52-6

Amiodarone pneumonitis: three further cases with a review of published reports  JI DARMANATA, N van ZANDWUK, DR DUREN, EA van ROYEN, WJ MOOI, TA PLOMP, HM JANSEN, D DURRER  pages 57-64

Serum interferon levels and natural killer cell activity in patients with asbestosis  S KAGAMIMORI, M WATANABE, M KUBOTA, A OKADA, K YOKOYAMA, K NOBUTOMO  pages 65-6

A modified Pearson gastroplasty  KM REILLY, K JEYASINGHAM  pages 67-9

Pulmonary malakoplaakia  RV HODDER, P ST GEORGE-HYSLOP, A CHALVARDJIAN, RA BEAR, P THOMAS  pages 70-1

Lymphoma mimicking cardiomegaly  GD ANGELINI, EG BUTCHART  pages 72-3

Hypersensitivity pneumonitis due to Aspergillus fumigatus in compost  W VINCKEN, P ROELS  pages 74-5

Aspergillus niger endocarditis complicating aortic tissue valve replacement  RS MOORE, PS HASLETON, RAM LAWSON, TN STANBRIDGE  pages 76-7

Invasive pulmonary aspergillosis in a non-immunosuppressed patient: successful management with systemic amphotericin and flucytosine and inhaled amphotericin  S RODENHUIS, F BEAUMONT, HF KAUFFMAN, HJ SLUITER  pages 78-9

Surgical palliation for endomyocardial fibrosis  D METRAS  page 80

NOTICES  page 80

ASTM CODEN: THORA 7 39(1) 1-80 1984
## CONTENTS 1984

### No 1 January

<table>
<thead>
<tr>
<th>Editorial: Therapeutic aerosols 2—Drugs available by the inhaled route</th>
<th>SW CLARKE, SP NEWMAN</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORIGINAL ARTICLES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ebstein's anomaly: sixteen years' experience with valve replacement without plication of the right ventricle</td>
<td>P RAJ BEHL, A BLESOVSKY</td>
<td>8</td>
</tr>
<tr>
<td>High prevalence of familial sarcoidosis in an Irish population</td>
<td>NJ BRENNAN, P CREAN, JP LONG, MX FITZGERALD</td>
<td>14</td>
</tr>
<tr>
<td>HLA associations in sarcoidosis: a study of two ethnic groups</td>
<td>J GARDNER, HG KENNEDY, A HAMBLIN, E JONES</td>
<td>19</td>
</tr>
<tr>
<td>Assessment of conventional tomography and fiberoptic bronchoscopy in the diagnosis of potentially malignant chest opacities</td>
<td>LR BAGG, ID COX, NJ RUSSELL, ASC THORNTON, B GORMAN, MJ TURNER</td>
<td>23</td>
</tr>
<tr>
<td>Comparative radiographic features of community acquired legionnaires' disease, pneumococcal pneumonia, mycoplasma pneumonia, and psittacosis</td>
<td>JT MACFARLANE, AC MILLER, WH RODERICK SMITH, AH MORRIS, DH ROSE</td>
<td>28</td>
</tr>
<tr>
<td>Airway response to inhaled salbutamol in hyperthyroid and hypothyroid patients before and after treatment</td>
<td>RN HARRISON, AE TATTERSFIELD</td>
<td>34</td>
</tr>
<tr>
<td>Effect of prior bronchoconstriction on the airway response to histamine in normal subjects</td>
<td>KF CHUNG</td>
<td>40</td>
</tr>
<tr>
<td>Sex hormone suppression and sexual impotence in hypoxic pulmonary fibrosis</td>
<td>P D'ALEMPLE, GH BEASTALL, TM BROWN, KW STIRLING, RJ MILLS, WS WATSON</td>
<td>46</td>
</tr>
<tr>
<td>Jaundice after open heart surgery: a prospective study</td>
<td>CM CHU, C-H CHANG, Y-F LIJAW, M-J HSIEH</td>
<td>52</td>
</tr>
<tr>
<td>Amiodarone pneumonitis: three further cases of published reports</td>
<td>JO DARMANATA, N van ZANDWIJK, DR DUREN, EA van ROYEN, W MOOI, TM PLUMP, HM JANSSEN, D DURRER</td>
<td>57</td>
</tr>
<tr>
<td>Serum interferon levels and natural killer cell activity in patients with asbestosis</td>
<td>S KAGAMIMORI, M WATANABE, M KUBOTA, A OKADA, K YOKOYAMA, K NOBUTOMO</td>
<td>65</td>
</tr>
<tr>
<td>SHORT REPORTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A modified Pearson gastroplasty</td>
<td>KM REILLY, K JEHASINGHAM</td>
<td>67</td>
</tr>
<tr>
<td>Pulmonary malakoplakia</td>
<td>RV HODDER, P ST GEORGE-HYSLOP, A CHALVARDJIAN, RA BEAR, P THOMAS</td>
<td>70</td>
</tr>
<tr>
<td>Lymphoma mimicking cardiomegaly</td>
<td>GD ANGELINI, EG BUTCHART</td>
<td>72</td>
</tr>
<tr>
<td>Hypersensitivity pneumonitis due to <em>Aspergillus fumigatus</em> in compost</td>
<td>W VINCKEN, P ROELS</td>
<td>74</td>
</tr>
<tr>
<td><em>Aspergillus niger</em> endocarditis complicating aortic tissue valve replacement</td>
<td>RS MOORE, PS HASLETON, RAM LAWSON, TN STANBRIDGE</td>
<td>76</td>
</tr>
<tr>
<td>Invasive pulmonary aspergillosis in a non-immunosuppressed patient: successful management with systemic amphotericin and flucytosine and inhaled amphotericin</td>
<td>S RODENHUIS, F BEAUMONT, HF KAUFFMAN, HJ SLUIETER</td>
<td>78</td>
</tr>
<tr>
<td>CORRESPONDENCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surgical palliation for endomyocardial fibrosis</td>
<td>D METRAS</td>
<td>80</td>
</tr>
<tr>
<td>Notices</td>
<td></td>
<td>80</td>
</tr>
</tbody>
</table>

### No 2 February

| Editorial: Definitions of emphysema, chronic bronchitis, asthma, and airflow obstruction: 25 years on from the CIBA symposium | CM FLETCHER, NB PRIDE | 81 |
| ORIGINAL ARTICLES |  |
| Effect of inspiratory flow rate on bronchomotor tone in normal and asthmatic subjects | WHIDA, MA RAI, CS HINO, Y-N LIU, K SAKAI, T TAKISHIMA | 86 |
| Optical mapping of the thoracoabdominal wall | AJ PEACOCK, MDL MORGAN, S GOURLAY, C TURTON, DM DENISON | 93 |
| An optical method of studying the shape and movement of the chest wall in recumbent patients | MDL MORGAN, AR GOURLAY, DM DENISON | 101 |
| Non-invasive measurement of cardiac output by a single breath constant expiratory technique | U ELKAYAM, AF WILSON, J MORRISON, P MELTZER, J DAVIS, P KLOSTERMAN, J LOUVIER, W HENRY | 107 |
| Echocardiographic evaluation of atrial function after Senning and Mustard correction for transposition of the great arteries | PG BJORNSTAD, S TOLLEINLAND, BKH SEMP | 114 |
| Wound prophylaxis in thoracic surgery: a new approach | WS WALKER, A FAICHEY, TRAYCHAUDHURY, RJ PRESCOTT, MA CALDER, CM SANG, EJ CAMERON, PR WALBAUM | 121 |
| Aneurysmal bone cyst of the rib | S SABANATHAN, K CHEN, CS ROBERTSON, FD SALAMA | 125 |
| Asthma and irreversible airflow obstruction | PJ BROWN, HW GREVILLE, KE FINUCANE | 131 |
| Long term treatment with theophylline increases malonyldialdehyde plasma concentrations | PG GODARD, J CHAINTREUIL, JB BENSADOUN, GM PARELON, A CRASDES DE PAULET, FB MICHEL | 137 |
CONTENTS

No 2 FEBRUARY continued

Long term changes in lung function after surgical treatment of bullous emphysema in smokers and ex-smokers  JA HUGHES, AM MacARTHUR, DCS HUTCHISON, P HUGH-JONES  .................................................. 140
Pulmonary sarcoidosis: excess of helper T lymphocytes and T cell subset imbalance at sites of disease activity  GA ROSSI, O SACCO, E COSULICH, G DAMIANI, G CORTE, A BARGELLESI, C RAVAZZONI  .................................. 143
Importance of viruses and Legionella pneumophila in respiratory excavations of young adults with cystic fibrosis  J EFTTHIMIOU, ME HODSON, P TAYLOR, AG TAYLOR, JC BATTEN  .................................................. 150
SHORT REPORTS
Sudden death due to myocardial tuberculosis  PJW WALLIS, AC BRANFOOT, PA EMERSON  .................................................. 155
Pleurectomy in a ten week old child to control staphylococcal-associated pneumothoraces  S LARGE, J WARNER, P GOLDSTRAW  .................................................. 157
CORRESPONDENCE
Lung angiotensin converting enzyme activity in monocrotaline pulmonary hypertension  PM KEANE, JM KAY, RJ HUXTABLE, WM LAFRANCONI  .................................................. 159
Purulent pericarditis with tamponade: a rare complication of pectus repair  IU REECE, B SETHIA, KG DAVIDSON  .................................................. 160
Notice  .................................................. 160
Correction: Effect of naloxone on circadian rhythm in lung function (S Al-Damluji et al)  .................................................. 160

No 3 MARCH

Editorial: Histological classification of lung cancer  D LAMB .................................................. 161
Review article: Alveolar carcinoma: a review  CW EDWARDS .................................................. 166
ORIGINAL ARTICLES
Diagnosis of lung cancer by fibreoptic bronchoscopy: problems in the histological classification of non-small cell carcinomas  MT CHUANG, A MARCHEVSKY, AS TEIRSTEIN, PA KIRCHNER, J KLEINERMAN .................................................. 175
Atopy, immunological changes, and respiratory function in bronchiectasis  MB MURPHY, DJ REEN, MX FITZGERALD  .................................................. 179
Cutaneous vasculitis and immune complexes in severe bronchiectasis  AM HILTON, PS HASLETON, A BRADLOW, BC LEAHY, KM COOPER, M MOORE  .................................................. 185
Coughs cause systemic blood flow  JM CARY, R KRUGMEIER, B NEWMAN, B ROSS, J BUTLER .................................................. 192
Serum amyloid A protein and C-reactive protein levels in pulmonary tuberculosis: relationship to amyloidosis  FC de BEER, AE NEL, RP GIE, PR DONALD, AF STRACHAN .................................................. 196
Resection of the carina and oesophagus for malignant tumours of the oesophagus or tracheobronchial tree  TI IKEA, T SAKAI, S SAKAI, S KASEDA, R OBITSU, M IWATSUKA .................................................. 201
SHORT REPORTS
Procarbazine associated alveolitis  LD LEWIS .................................................. 206
Immunocytoxa (polymorphous subtype IgA/A) of the lung  PDALQUEN, F GUDAT, H OHNACKER, A PERRUCHOU .................................................. 208
Congenital obstructive emphysema of the left lung associated with a mediastinal lymphatic cyst  DWK MAN, ST DONNELL, F RAAFAT, HB ECKSTEIN .................................................. 211
CORRESPONDENCE
Bilateral pneumothoraces and pleural effusions in rheumatoid lung disease  WV EVANS, JL STAUFFER, JE CARBONE .................................................. 213
Premedication for fibreoptic bronchoscopy  GFA BENFIELD, PJ REES, JG HAY, JR WEBB .................................................. 214
Book notices  .................................................. 178
 .................................................. 205
 .................................................. 215
Correction: A modified Pearson gastroplasty (KM Reilly, K Jeyasingham) .................................................. 215
Notice .................................................. 215
Proceedings of the British Thoracic Society meeting, winter 1983 .................................................. 216

No 4 APRIL

Editorial: Measurement of soluble proteins in lung secretions  RA STOCKLEY .................................................. 241
Historical article: Sir John Floyer's A Treatise of the Asthma (1698)  A SAKULA .................................................. 248
ORIGINAL ARTICLES
Malignant mesothelioma of the pleura: a study of 52 treated and 64 untreated patients  MR LAW, A GREGOR, ME HODSON, HJG BLOOM, M TURNER-WARWICK .................................................. 255
Bronchography via the fibreoptic bronchoscope  CDR FLOWER, JM SHINESON .................................................. 260
Abnormalities of chest wall motion in patients with chronic airflow obstruction  JJ GILMARTIN, GJ GIBSON .................................................. 264
No 4 APRIL continued

Assessment of the clinical usefulness of nebulised ipratropium bromide in patients with chronic airflow limitation JG BROWN, CS CHAN, CA KELLY, AG DENT, PV ZIMMERMAN .......................................................... 272
Inhibition by sodium cromoglicate of bronchoconstriction stimulated by respiratory heat loss: comparison of pressurised aerosol and powder KM LATIMER, R ROBERTS, MM MORRIS, FE HARGREAVE .................................. 277
Airway disease in upper and lower lobes in lungs of patients with and without emphysema IL WRIGHT, BJ WIGGS, JC HOGG .......................................................... 282
Regional extravascular density and fractional blood volume of the lung in interstitial disease P WOLLMER, CG RHODES, JMB HUGHES ......................................................... 286
Penicillin allergic alveolitis: faulty installation of central heating RJ FERGUSSON, LJ MILNE, GK CROMPTON .................. 294
Azlocillin compared with carbenicillin for the treatment of bronchopulmonary infection due to Pseudomonas aeruginosa in cystic fibrosis AR PENKETH, ME HODSON, H GAYA, JC BATTEN ................................................. 299
Surgical treatment of aneurysms of the ascending aorta associated with severe aortic regurgitation MJ ANTUNES, AL BAPTISTA, PR COLSEN, RH KINSLEY ............................................. 305
SHORT REPORTS
Unusual case of benign tracheo-oesophageal fistula KM NICHOLAS, J STARK .......................................................... 311
Upper airway obstruction complicating the Shy-Drager syndrome JJ GILMARTIN, AJ WRIGHT, NEF CARTLIDGE, GJ GIBSON .......................................................... 313
Metastatic adrenal carcinoma masquerading as primary bronchial carcinoma: report of two cases ACE McCARTNEY .......................................................... 315
Bronchocentric granulomatosis and ankylosing spondylitis PK ROHATGI, BC TURRISI ............................................. 317
Adverse effect of pregnancy on familial alveolitis MG PRICHARD, AW MUSK .......................................................... 319
Notice ........................................................................................................ 310

No 5 MAY

Editorial: Control and prevention of tuberculosis: a code of practice NW HORNE .......................................................... 321

ORIGINAL ARTICLES
Neuropeptide tyrosine (NPY): a newly discovered peptide is present in the mammalian respiratory tract MN SHEPPARD, JM POLAK, JM ALLEN, SR BLOOM .......................................................... 326
Prevalence of chronic bronchitis in a rural community of the Hill Region of Nepal MR PANDEY .......................................................... 331
Domestic smoke pollution and chronic bronchitis in a rural community of the Hill Region of Nepal MR PANDEY .......................................................... 337
Comparison of oral prednisolone and intramuscular depot triamcinolone in patients with severe chronic asthma RF WILLEY, RJ FERGUSSON, DJ GODDEN, GK CROMPTON, IWB GRANT .......................................................... 340
Effect of antihistamines and antiallergic drugs on responses to allergen and histamine provocation tests in asthma MJ PHILLIPS, S OLLIER, CM GOULD, RJ DAVIES .......................................................... 345
Free and total plasma theophylline concentrations in chronic airflow obstruction P EBDEN, D LEOPOLD, AP SMITH, D BUSS, PA ROUTLEDGE .......................................................... 352
Effects of prednisolone on angiotensin converting enzyme activity JE ROULSTON, GI O’MALLEY, JG DOUGLAS .......................................................... 356
Relative intakes of tar, nicotine, and carbon monoxide from cigarettes of different yields NJ WALD, J BOREHAM, A BAILEY .......................................................... 361
Urinary nicotine concentrations in cigarette and pipe smokers NJ WALD, MIDLE, J BOREHAM, A BAILEY, H VAN VUNAKIS .......................................................... 365
Mycobacterial isolations in young adults with cystic fibrosis MJ SMITH, JEPTHIMIOUT, ME HOOSON, JC BATTEN .......................................................... 369
Pulmonary infection with Mycobacterium xenopi: review of treatment and response J BANKS, AM HUNTER, IA CAMPBELL, PA JENKINS, AP SMITH .......................................................... 376
The adult respiratory distress syndrome and bronchogenic pulmonary tuberculosis RA DYER, PD POTGIETER .......................................................... 383
SHORT REPORTS
Open heart surgery in patients receiving chronic haemodialysis E MCGOVERN, R ROONEY, MC NELIGAN .......................................................... 388
Bronchiectasis after mycoplasma pneumonia KF WHYTE, GR WILLIAMS .......................................................... 390
Sputum cytology in the diagnosis of pulmonary non-Hodgkin’s lymphoma A MANOHARAN, J FORD, J HILL, D PAINTER, D MILLER .......................................................... 392
Cavernoscopic evacuation of aspergilloma: an alternative method of palliation for haemoptysis in high risk patients R SUBBA RAO, PGD CURZON, MF MUERS, DA WATSON .......................................................... 394
Book notices .......................................................... 396
CORRESPONDENCE
Coal and the lung PD OLDMH; A SEATON .......................................................... 397
Persisting "asthma" in tropical pulmonary eosinophilia JD DE BLIC, PS SCHEINMANN, J PAUPE, JP PAYS .......................................................... 398
Partial anomalous pulmonary venous return with intact atrial septum: report of four cases RH ANDERSON, JR STEWART .......................................................... 399
Notice: Requirements for thoracic medicine .......................................................... 400
CONTENTS

No 6 JUNE

Editorial: The staging of lung cancer SG SPIRO, P GOLDSTARW ................................................................. 401

ORIGINAL ARTICLES

Elastolytic activity of sputum and its relation to purulence and lung function in patients with bronchiectasis RA STOCKLEY, SL HILL, HM MORRISON, CM STARKIE ................................................................. 408

Effect of antibiotic treatment on sputum in bronchiectatic outpatients in a stable clinical state RA STOCKLEY, SL HILL, HM MORRISON ................................................................. 414

Effects of prostaglandins E2, E3, and F3 on mucin secretion from human bronchi in vitro B RICH, AC PEATFIELD, IP WILLIAMS, PS RICHARDSON ................................................................. 420

Changes in transcutaneous oxygen tension during exercise in pulmonary emphysema JA HUGHES, BJ GRAY, DCS HUTCHISON ................................................................. 424

Direct labelling of ipratropium bromide aerosol and its deposition pattern in normal subjects and patients with chronic bronchitis SG SPIRO, CA SINGH, SEJ TOLFREE, MR PARTRIDGE, MD SHORT ................................................................. 432

Kaolin dust concentrations and pneumoconiosis at a kaolin mine EB ALTEKRUSE, BA CHAUDHARY, MG PEARSON, WKC MORGAN ................................................................. 436

Respiratory symptoms and pulmonary function of welders in the engineering industry SP HAYDEN, AC PINOCK, J HAYDEN, LE TYLER, KW CROSS, JM BISHOP ................................................................. 442

Alveolar macrophage dysfunction in malignant lung tumours E LEMARIE, P CARRE, MF LEGRAND, M LAVANDIER, E BOISSINOT, M RENOUX, G RENOUX ................................................................. 448

Dose response study of oxitropium bromide in chronic bronchitis ET PEEL, G ANDERSON ................................................................. 453

Intimal thickening in autogenous vein grafts in rabbits: influence of aspirin and dipyriramole AJ MURRAY, AH GERSHICK, YD SYNDERCOMBE-COURT, PG MILLS, CT LEWIS ................................................................. 457

Pulmonary artery sling HA KING, D WALKER ................................................................. 462

SHORT REPORTS

Tadpole shaped structures in a further patient with granulomatous lung disease A DEWAR, B CORRIN, M TURNER-WARWICK ................................................................. 466

Plural sarcoidosis: one case presenting with an eosinophilic effusion D VITAL DURAND, A DELLINGER, C GUERIN, JC GUERIN, R LEVAT ................................................................. 468

Occupational asthma, rhinitis, and dermatitis due to tetrazene in a detonator manufacturer SB BURGE, M HENDY, ES HODGSON ................................................................. 470

Inappropriately inhaled bronchodilators SW COPPACK, MK GILLET, PD SNASHALL ................................................................. 472

Cardiac tamponade due to actinomycosis DR RAMSDALE, PC GAUTAM, B PERERA, RG CHARLES ................................................................. 473

Rupture of an aneurysm of the sinus of Valsalva into the superior vena cava GC KAYE, SJ EDMONSON, JL CAPLIN, DS TUNSTALL-PEDOE ................................................................. 475

Preoperative Sterispon embolisation to facilitate wide excision of mesenchymal chondrosarcoma of the ribs RJH EMERY, PLC SMITH, T TREASURE ................................................................. 477

CORRESPONDENCE

High prevalence of familial sarcoidosis in an Irish population C TURTON; MX FITZGERALD ................................................................. 479

Definitions of emphysema, chronic bronchitis, asthma, and airflow obstruction KF WHYTE, GJ ADDIS, NB PRIDE ................................................................. 479

Retention of left atrial catheters with a mediastinoscope P RAJ BEHL, CJ HILTON, MP HOLDEN ................................................................. 480

Lung abscess resulting from grass inflorescence P DIGGARY, BA ROSS ................................................................. 480

No 7 JULY

Special article: Promises to keep A DOUGLAS ................................................................. 481

ORIGINAL ARTICLES

Thrombotic obstruction of the Björk-Shiley valve: the Glasgow experience SJ RYDER, H BRADLEY, JJ BRANNAN, MA TURNER, WH BAIN ................................................................. 487

Percutaneous Trucut lung biopsy in the diagnosis of localised pulmonary lesions BDW HARRISON, RS THORPE, PG KITCHENER, BG McCANN, JR PILING ................................................................. 493

Comparative effects of inhaled leukotriene C4, leukotriene D4, and histamine in normal human subjects NC BARNES, PJ PIPER, JF COSTELLO ................................................................. 500

Accuracy of death certificates in bronchial asthma: accuracy of certification procedures during the confidential enquiry by the British Thoracic Association A SUBCOMMITTEE OF THE BTA RESEARCH COMMITTEE ................................................................. 505

Inhibitory capacity of alpha1 antitrypsin in lung secretions: variability and the effect of drugs HM MORRISON, SC AFFORD, RA STOCKLEY ................................................................. 510

The secretory IgA system of lung secretions in chronic obstructive bronchitis: comparison of sputum with secretions obtained during fibreoptic bronchoscopy J WIGGINS, SL HILL, RA STOCKLEY ................................................................. 517

Lung transfer factor and Kco at cardiac frequency 100 beats/min as a guide to impaired function of lung parenchyma SS CHU, JE COTES ................................................................. 524
No 7 JULY continued

Respiratory responses of diabetics to hypoxia, hypercapnia, and exercise 

JG WILLIAMS, AI MORRIS, RC HAYTER, CM OGILVIE ................................................................. 529

Predicted normal values for maximal respiratory pressure in caucasian adults and children 

SH WILSON, NT COOKE, RHT EDWARDS, SG SPIRO ............................................................... 535

Mast cells and inhalation of asbestos in rats 

MMF WAGNER, RE EDWARDS, CB MONCRIEFF, JC WAGNER .................................................. 539

Bronchioloalveolar carcinoma arising in longstanding lung cysts 

MG PRICHARD, PJ BROWN, GF STERRETT ................................................................. 545

SHORT REPORTS

Right atrial tuberculoma: report of a case with complete recovery 

H KRISHNASWAMI, G CHERIAN .......................................................... 550

Prostatic carcinoma presenting with respiratory symptoms: response to orchidectomy 

FG SIMPSON, HA KING, P WHELAN, NJ COOKE ................................................................. 552

Pulmonary veno-occlusive disease in association with Hodgkin’s disease 

SJ CAPEWELL, AJ WRIGHT, DA ELLIS .............................................................. 554

Histamine inhalation tests: inhalation of aerosol via a facemask versus a valve box with mouthpiece 

EF JUNIPER, M SYTY-GOLDA, FE HARGREAVE ......................................................... 556

Innominate artery fistula complicating cervical gastrostomy 

KM FAGLIERO, TH PETERS ............................................................ 558

Correspondence: Ionisers in the management of bronchial asthma 

K BROWNE, SG NOGRADY ........................................................... 560

No 8 AUGUST

Editorial: The third nervous system in the lung: physiology and clinical perspectives 

PJ BARNES .......................................................... 561

ORIGINAL ARTICLES

Pulmonary infiltrates and adult acute leukaemia: empirical treatment and survival related to the extent of pulmonary radiological disease 

AG WARDMAN, DW MULLIGAN, JA CHILD, JW DELAMORE, NJ COOKE ........................................ 568

Effects of calcium channel blockade on histamine induced bronchoconstriction in mild asthma 

EH WALTERS, J BANKS, A FENNERTY, BH DAVIES .......................................................... 572

Nifedipine enhances the bronchodilator effect of salbutamol 

AML LEVER, PA CORRIS, GI GIBSON ............................................................. 576

Influence of diltiazem on bronchoconstriction induced by cold air breathing during exercise 

H MAGNUSSEN, V HARTMANN, G REUSS .......................................................... 579

Variability of peak flow in wheezy children 

I JOHNSTON, HR ANDERSON, S PATEL ......................................................... 583

Bronchial responsiveness to hyperventilation in children with asthma: inhibition by ipratropium bromide 

N WILSON, C DIXON, M SILVERMAN ........................................................ 587

Effect of positive ionisation of inspired air on the response of asthmatic children to exercise 

I LIPIN, I GUR, Y AMITAI, I AMIRAV, S GODFREY .................................................. 594

Comparison of cumulative and non-cumulative techniques to measure dose-response curves for beta agonists in patients with asthma 

J BRITTON, A TATTERSFIELD ............................................................................. 597

Generalised allergic reactions to aminophylline 

PJ THOMPSON, WRG GIBB, P COLE, KM CITRON ........................................................... 600

Diffuse pleural thickening in asbestos workers: disability and lung function abnormalities 

CR MCAGAVIN, G SHEERS .............................................................................. 604

Rarity of mineral fibre pleurisy among persons exposed to Finnish anthophyllite and with low risk of mesothelioma 

G HILLERDAL, A ZITTING, AHW VAN ASSENDLEFT, T KUISELA ........................................... 608

Lobar pneumonia in Northern Zambia: clinical study of 502 adult patients 

SC ALLEN ............................................................................................................. 612

Carcinoid tumours of the bronches: a 33 year experience 

R HURT, M BATES .............................................................................................. 617

Changes in rib cage geometry during childhood 

P OPENSHAW, S EDWARDS, P HELMS ............................................................. 624

SHORT REPORTS

Occupational asthma due to heated freon 

JL MALO, G GAGNON, A CARTIER ........................................................................... 628

Occupational asthma due to hexachlorophene 

L NAGY, M ROSZ ................................................................. 630

Echocardiographic abnormalities in ruptured chorda tendineae of rheumatic mitral valve 

BL CHIA, MH CHOO .......................................................................................... 632

Unusual presentation of tropical pulmonary eosinophilia 

VK JAIN, OP BENIWAL ..................................................................................... 634

Syndrome of inappropriate antiidiuretic hormone secretion due to treatment of lung cancer with cisplatin 

TJ LITTLEWOOD, AP SMITH .............................................................................. 636

CORRESPONDENCE

Atopy, immunological changes, and respiratory function in bronchiectasis 

P STANLEY, P COLE; M FITZGERALD .................................................................. 638

Role of lung scanning in assessing the resectability of bronchial carcinoma 

AJ WILLIAMS, CJ SMALLPIECE, DCT WATSON, AB MOSTAFA, LK HARDING; DA ELLIS, T HAWKINS, GI GIBSON, S NARIMAN .................................................................................. 638

Jaundice after open heart surgery: a prospective study 

NY HABOUBI, JD EDWARDS, HH ALI, MS HENDY .................................................. 639

Notices .................................................................................................................. 640

No 9 SEPTEMBER

EDITORIALS

Giving up smoking 

THIGENBOTTOM, A CHAMBERLAIN ..................................................................... 641

Pulmonary infiltrates in adult acute leukaemia: empirical treatment or lung biopsy? 

AG WARDMAN, NJ COOKE .............................................................................. 647
CONTENTS

No 9 SEPTEMBER continued

ORIGINAL ARTICLES
Smoking withdrawal in hospital patients: factors associated with outcome SUBCOMMITTEE OF THE RESEARCH COMMITTEE OF THE BRITISH THORACIC SOCIETY .......................................................... 651
Switching to low tar cigarettes: are the tar league tables relevant? RG RAWBONE ............................. 657
Reduction of ciliary beat frequency in vitro by sputum from patients with bronchiectasis: a serine proteinase effect LA SMALLMAN, SL HILL, RA STOCKLEY .............................................................. 663
Comparative trial of two non-sedative H1 antihistamines, terfenadine and astemizole, for hay fever PH HOWARTH, ST HOLGATE .......................................................... 668
Changes in oxygen saturation and heart frequency during sleep in young normal subjects F GIMENO, R PESET .......................................................................................... 673
Early results of cardiac transplantation at the Texas Heart Institute JJ REECE, OH FRAZIER, A PAINVIN, OUJ OKEREKE, LB CHANDLER, TW KRUDEWIG, DA COOLEY ........................................... 676

SHORT REPORTS
Lung developmental abnormalities in severe scoliosis P BOFFA, P STOVIN, J SHNEERSON .................. 681
Vocal cord paralysis associated with coalworkers' pneumoconiosis and progressive massive fibrosis TM SHERANI, GD ANGELINI, SP PASSANI, EG BUTCHART ........................................ 683

CORRESPONDENCE
Pulmonary vascular lesions in the toxic oil syndrome in Spain H KAWANE ........................................ 685
Diagnosis of lung cancer by fibreoptic bronchoscopy: problems in the histological classification of non-small cell carcinomas A GELLERT, R RUDD, MT CHUANG, A MARCHEVSKY, AS TEIRSTEIN, PA KIRCHNER, J KLEINERMAN .......................... 685
Dysphonia caused by inhaled steroids: recognition of a characteristic laryngeal abnormality IA CAMPBELL, C SKINNER, AJ WILLIAMS ...................................................... 686
Correction: Secretory IgA system of lung secretions in chronic obstructive bronchitis (WIGGINS et al) ........................................................................................................... 686
Proceedings of the British Thoracic Society meeting, summer 1984 .................................................... 687
Notices ............................................................................................................................................. 720

No 10 OCTOBER
Editorial: Progress in research on cystic fibrosis D GEDDES .................................................................. 721

ORIGINAL ARTICLES
Serum type III procollagen peptide concentration in cryptogenic fibrosing alveolitis and its clinical relevance JME KIRK, ED BATEMAN, PL HASKAM, GI LAURENT, M TURNER-WARWICK ........................................... 726
Scanning electron microscope study of the development of the human respiratory acinus SA DILLY ......................................................... 733
Pulmonary function in aluminium smelters GB FIELD ............................................................................ 743
Asbestos related pleuropulmonary lesions and the erythrocyte sedimentation rate G HILLERDAL .................................................................................................................. 752
Circadian rhythms in peak expiratory flow rate in workers exposed to cotton dust FF CINKOTAI, TC SHARPE, ACC GIBBS ......................................................................................... 759
Sodium cromoglycate and atropine block the fall in FEV1 but not the cough induced by hypotonic mist RW FULLER, JG COLLIER ......................................................................................... 766
Temperature corrections in routine spirometry D CRAMER, A PEACOCK, D DENISON ........................................... 771
Abnormalities in the flow-volume loop in obstructive sleep apnoea sitting and supine ET SHORE, RP MILLMAN ...................................................... 775
Pulmonary disease in patients with Marfan syndrome JR WOOD, D BELLAMY, AH CHILD, KM CITRON ............................................................................................................ 780
Disinfection of the flexible fibreoptic bronchoscope against Mycobacterium tuberculosis and M gordonae D DAVIS, HW BONEKAT, D ANDREWS, JW SHIGEOKA .................................................................................... 785
Penetrating injuries of the pleural cavity DJJ MUCKART, FM LUVUNO, LW BAKER .............................................. 789

SHORT REPORTS
Delayed rupture of the diaphragm presenting as gastric outlet obstruction NV JAMIESON, PJ FRIEND, K ROLLES ............................................................................................................ 794
Carcinoma of the colon presenting as pulmonary microabscesses and septicaemia due to Clostridium perfringens LD GRUER, PJ SOUQUET, JM VERNON, J FLEURETTE, J BRUNE .......................................................................................................................... 796
Primary angiosarcoma of the heart mimicking a left atrial myxoma OJM ORMEROD, PM SPRATT, NP LEWIS, JW WALLWORK ................................................................. 798
Correspondence: Amiodarone pneumonitis: three further cases with a review of published reports GM AKOUN, S GAUTHIER-RAHMAN, JJ DARMANATA, N VAN ZANDWIJK, HM JANSEN .................................................................................. 800

No 11 NOVEMBER
Review article: The pathology of asbestos related disease JMG DAVIS .................................................................. 801

ORIGINAL ARTICLES
Nedocromil sodium: a new drug for the management of bronchial asthma S LAL, S MALHOTRA, D GIBBEN, D HODDER ........................................................................................................ 809
Penetration of cefaclor into bronchial mucosa GE MARLIN, AJ NICHOLLS, GR FUNNELL, R BRADBURY ........................................................................................................ 813
Effect of encouragement on walking test performance GH GUYATT, SO PUGSLEY, MJ SULLIVAN, PJ THOMPSON, LB BERMAN, NL JONES, EL FALLEN, DW TAYLOR ................................................................ 818
A standardised method of estimating KCO on exercise FE NEVILLE, AH KENDRICK, GJ GIBSON ........................................................................................................... 823
CONTENTS

No 11 NOVEMBER continued

Peak flow rate records in surveys: reproducibility of observers' reports  KM VENABLES, PS BURGE, AG DAVIDSON, AJ NEWMAN TAYLOR .......................................................... 828
Premenstrual exacerbation of asthma  CJ GIBBS, II COUTTS, R LOCK, OC FINNEGAN, RJ WHITE .................................................. 833
Comparison of in vivo airway responsiveness and in vitro smooth muscle sensitivity to methacholine in man  JA ROBERTS, D RAEBURN, IW RODGER, NC THOMSON ............................................. 837
Goblet and Clara cells of human distal airways: evidence for smoking induced changes in their numbers  AB LUMSDEN, A MCELEAN, D LAMB ................................................................. 844
Surface morphology and function of human pulmonary alveolar macrophages from smokers and non-smokers  M ANDO, M SUGIMOTO, R NISHI, M SUGA, S HORIO, H KOHROGI, K SHIMAZU, S ARAKI ........................................... 850
Cryptogenic fibrosing alveolitis: pattern of disease in the lung  PH WRIGHT, M BUXTON-THOMAS, L KREEL, SJ STEEL .......................................................... 857
Management of pulmonary aspergillosis in the presence of active tuberculosis  AO ADEYEMO, EO ODELOWO, DI MAKANJUOLA .................................................. 862
Conservative surgery of the mitral valve in bacterial endocarditis  MD GAMAGE, WA LITTLE, LD ABRAMS .......................................................... 868
SHORT REPORTS
Pleural mesothelioma and the syndrome of inappropriate secretion of antiuretic hormone  NM SIAFAKAS, K TSROGIANNIS, B FILADITAKI, F SOTSIOS, M VAMVASAKIS .......................................... 872
Recovery from severe pulmonary damage due to paraquat administered intravenously and orally  MS HENDY, PS WILLIAMS, P ACKRILL .......................................................... 874
Mycobacterium kansasii pericarditis  JA PALMER, C WATANAKUNAKORN .......................................................... 876
Investigation of superior vena caval obstruction  A ALLAN, B SEITHA, KG DAVIDSON .......................................................... 878
Correspondence: Comparison of oral prednisolone and intramuscular depot triaminolone in patients with severe chronic asthma  C SKINNER .................................................. 880
Book notice .......................................................... 880
Notices .......................................................... 880

No 12 DECEMBER

Editorial: Standardised lung function testing  G LASZLO .......................................................... 881

ORIGINAL ARTICLES
Airway obstruction associated with graft versus host disease after bone marrow transplantation  SE WYATT, P NUNN, JM HOWS, JAL YIN, MC HAYES, D CATOVSKY, ES GORDON-SMITH, JMB HUGHES, JM GOLDMAN, DAG GILTON .......................................................... 887
Pulmonary vascular resistance in children with congenital heart disease  NJH DAVIES, EA SHINEBOURNE, MJ SCALLAN, TA SOPWITH, DM DENISON .......................................................... 895
Pulmonary function in adolescents with mild idiopathic scoliosis  RJ SMYTH, KR CHAPMAN, TA WRIGHT, JS CRAWFORD, AS REBUCK .......................................................... 901
Rupture of posterior wall of left ventricle after mitral valve replacement  JH DARK, WH BAIN .......................................................... 905
Methacholine bronchial responsiveness in chronic bronchitis: relationship to airflow obstruction and cold air responsiveness  EH RAMSDALE, MM MORRIS, RS ROBERTS, FE HARGREAVE .......................................................... 912
Histamine reactivity during the refractory period after exercise induced asthma  AG HAHN, SG NORGRAHY, D MCA TUMILTY, SR LAWRENCE, AR MORTON .......................................................... 919
Psychological changes and improvement in chronic airflow limitation after corticosteroid treatment  DM MITCHELL, P GILDEH, M REHANH, AH DIMOND, JV COLLINS .......................................................... 924
Short term variability in FEV1: relation to pretest activity, level of FEV1, and smoking habit  PM TWEEDDALE, S MERCHANT, M LESLIE, F ALEXANDER, G IR McHARDY .......................................................... 928
Failure of once daily inhaled corticosteroid treatment to control chronic asthma  DV McGUIVERN, M WARD, JT MACFARLANE, WH RODERICK SMITH .......................................................... 933
Improvement of pressurised aerosol deposition with the Nebuliser spacer device  SP NEWMAN, AB MILLAR, TR LENNARD-JONES, F MOREN, SW CLARKE .......................................................... 935
Comparative study of leg wound skin closure in coronary artery bypass graft operations  GD ANGELINI, EG BUTCHART, SH ARMISTEAD, IM BRECKENRIDGE .......................................................... 942
Histamine phosphate has a cumulative effect when inhaled at five minute intervals  C REMBLAY, I LEMIRE, H GHEZZO, L PINEAU, RR MARTIN, A CARTER, JL MALO .......................................................... 946

SHORT REPORTS
Rifampicin induced light chain proteinuria and renal failure  RJD WINTER, RA BANKS, CMP COLLINS, BI HOFFBRAND .......................................................... 952
Chylothorax complicating pneumonectomy  A VAN MULDER, LM LACQUET, W VAN MIEGHEM, G DENEFFE .......................................................... 954
Pulmonary veno-occlusive disease after bone marrow transplantation  X TROUSSARD, JF BERNAUDIN, C CORDONIER, J FLEURY, D PAYEN, J BRIERE, JP VERNANT .......................................................... 956

CORRESPONDENCE
Non-invasive measurement of cardiac output by a single breath constant respiratory technique  P CORRIS, J GIBSON, D DENISON, J WALLER, AF WILSON, U ELKAYAM .......................................................... 958
Riedel's thyroiditis with multiple organ fibrosis  D DAVIES, P FURNESS .......................................................... 959
Notice .......................................................... 960
Index .......................................................... 961