

# INDEX TO VOLUME XIX

Page numbers preceded by "(P)" refer to the summaries of symposia and papers at the Spring and Summer Meetings of the Thoracic Society.

## A

Abductor paralysis, bilateral, with respiratory obstruction (P), 479  
ABER, G. M.: Chronic bronchitis and pulmonary heart disease (P), 477  
Abscess, ruptured lung, empyema and, in adults, 492  
Adenomatoid malformation, congenital cystic, of lung, 1  
Adrenal cortical function in continuous asthma (P), 479  
Air purification (P), 381  
Airway obstruction, localized and generalized, differentiation between, 416  
variation of drug action on, 406  
ALETRAS, H., BJÖRK, V. O., HULTQUIST, G., and RODRIGUEZ, L.: A new method for tracheal reconstruction, 358  
ALI, M. Y., and WONG, P. K.: Intrapulmonary teratoma, 228  
Allergic pulmonary vasculitis, idiopathic pulmonary haemosiderosis with, 311  
ALTOUNYAN, R. E. C.: Variation of drug action on airway obstruction in man, 406  
Ampicillin in treatment of *Haemophilus influenzae* infections of respiratory tract, 298  
Amyloid 'tumours', localized, of lung simulating malignant neoplasms, 97  
ANDERSON, A. E., JR., AZCUY, A., BATCHELDER, T. L., and FORAKER, ALVAN G.: Experimental analysis in dogs of the relationship between pulmonary emphysema, alveolitis, and hyperinflation, 420  
ANDREWES, CHRISTOPHER: Viruses affecting respiratory tract (P), 380  
ANDREWS, G. S., and ROSSER, T.: Clinical value of exfoliative cytology in neoplasia of the lung, 279  
Aneuphthelial lung cyst, 343  
Aneurysm, false, of pulmonary artery with peripheral venous thrombosis, 449  
ventricular, 162  
ANGUS, G. E., see Thurlbeck, W. M., and Angus, G. E.  
Aortic incompetence and stenosis, homograft aortic valve replacement in, 131  
valve replacement, 369  
surgery (P), 479  
ARNFRED, EBBE: A new terminology for the subdivision of atrial septal defects, 490  
Arterial oxygen saturation, low, cause of, in pulmonary fibrosis, 507  
Arteries, pulmonary, bronchial collateral circulation in experimental stenosis of, 306  
false aneurysm of, with peripheral venous thrombosis, 449  
normal, x-ray microscopic study of vasa vasorum of, 561  
solid, 322  
Arthritis, rheumatoid, constrictive pericarditis in association with, 555

Asbestos, cardiopulmonary function studies in workers dealing with, 22  
exposure, pathology of mesotheliomata and their association with, 268  
Asbestosis, rheumatoid pneumoconiosis in association with, 433  
Aspergillomata, multiple bilateral pulmonary, 104  
Aspergillosis, pulmonary: review and description of three new cases, 287  
Asthma, continuous, adrenal cortical function in (P), 479  
ATHERSTONE, R. N. G., and CHAPMAN, DAVID: A cure for foaming and spill-out in the Melrose oxygenator, 355  
Atrial septal defect, surgical treatment of, under hypothermia, 481  
new terminology for subdivision of, 490  
AVERY, M. E.: Surface active agents in lungs (P), 381  
AZCUY, A., see Anderson, A. E., Jr., Azcuy, A., Batchelder, T. L., and Foraker, Alvan G.

## B

BARCLAY, R. S.: Use of hyperbaric oxygen (P), 379  
BARRATT-BOYES, B. G.: Homograft aortic valve replacement in aortic incompetence and stenosis, 131  
BARRETT, N. R., 381  
— Benign smooth muscle tumours of the oesophagus, 185  
BATCHELDER, T. L., see Anderson, A. E., Jr., Azcuy, A., Batchelder, T. L., and Foraker, Alvan G.  
BATES, BARBARA, see Cohen, Douglas, Fisk, Graham, Gengos, D. C., and Bates, Barbara  
BAYLEY, T. J.: Chronic bronchitis and pulmonary heart disease (P), 477  
BELANGER, RAYMOND, LA FLÈCHE, LÉO R., and PICARD, JEAN-LOUIS: Congenital cystic adenomatoid malformation of the lung, 1  
BENTALL, H. H.: Aortic valve surgery (P), 479, 480  
BISHOP, J. M.: Chronic bronchitis and pulmonary heart disease (P), 477  
BJÖRK, VIKING OLOV: Aortic valve replacement, 369  
— Ventricular aneurysm, 162  
— see also Aletras, H., Björk, V. O., Hultquist, G., and Rodriguez, L.  
BJURE, J., SÖDERHOLM, B., and WIDIMSKY, J.: Cardiopulmonary function studies in workers dealing with asbestos and glasswool, 22  
Blood transfusion, pyrexia after heart surgery due to virus infection transmitted by, 159  
BLOOR, KENNETH: Use of hyperbaric oxygen (P), 379  
BORGESKOV, SV., PEDERSEN, O. TRUE, and FREDERIKSEN, THORKILD: Oesophageal hiatal hernia: a radiological follow-up, 327  
BORGHI, A., see Garusi, G. F., Moretti, S., and Borghi, A.  
BORRIE, J., and LICHTER, I.: Lung transplantation: technical problems, 383

- BRIERLEY, J. B.:** Post-operative cerebral damage (P), 382
- Bronchial anastomosis, technique for, after resection of portion of bronchus, 347**
- carcinoma, poorly-differentiated, secretion of 5-hydroxytryptamine by, 62
- return to work after surgery for (P), 381
- collateral circulation in experimental stenosis of pulmonary artery, 307
- Bronchitis, chronic, distribution curve for, 436**
- recent studies in (P), 477
- Broncho-pulmonary circuits: synoptic appraisal, 537**
- Bronchogenic carcinoma in women, 338**
- cyst, congenital partial left pericardial defect with, 176
- Bronchography with Hytrast, 37**
- Bronchus, fatty polypoid tumour of, 533**
- BUERGER, LEOPOLD, and HATHAWAY, JAMES:** Idiopathic pulmonary haemosiderosis with allergic pulmonary vasculitis, 311
- BURTON, N. A., see Shaw, K. M., and Burton, N. A.**
- C**
- CALVERT, N. G., see Temple, Leslie J., Serafin, R., Calvert, N. G., and Drabble, Jean M.**
- CAPEL, L. H., and FLETCHER, E. C.:** Return to work after surgery for bronchial carcinoma (P), 381
- Capillaries of cardiac muscle, permeability of, after intramyocardial perfusion of macromolecular solutions, 195**
- Carbon dioxide concentrations in oxygen tents, 568**
- Carcinoma, bronchial, poorly-differentiated, secretion of 5-hydroxytryptamine by, 62**
- return to work after surgery for (P), 381
- bronchogenic, in women, 338
- Cardiac defects, comparison of materials for repair of, 454**
- hydatid cysts, 151
- muscle, permeability of capillaries of, after intramyocardial perfusion of macromolecular solutions, 195
- Cardiopulmonary bypass at normothermia using Melrose oxygenator, haematological observations in, 170**
- function studies in workers dealing with asbestos and glasswool, 22
- Cerebral damage, post-operative (P), 382**
- CHAPMAN, DAVID, see Atherstone, R. N. G., and Chapman, David**
- Chest disease, genetic aspects of (P), 478**
- wall stability, maintenance of, (P) 382, 397
- Circulation, bronchial collateral, in experimental stenosis of pulmonary artery, 306**
- human, fluid mechanics applied to, and particularly to testing of valves in pulse duplicator, 261
- CLARKE, C. A.:** Genetic aspects of chest disease (P), 478
- CLARKE, JOHN, A.:** An x-ray microscopic study of the vasa vasorum of normal human pulmonary arteries, 561
- CLELAND, W. P.:** Aortic valve surgery (P), 479
- COHEN, DOUGLAS, FISK, GRAHAM, GENGOS, D. C., and BATES, BARBARA:** Haemodilution and total body perfusion, 465
- COHEN, SAMUEL I.:** Neurological and psychiatric aspects of open-heart surgery, 575
- COOK, W. A., see Longmore, D. B., Cook, W. A., Jepson, B. A., Curran, R., and Kinmonth, J. B.**
- COOLEY, DENTON A.:** Open heart surgery by a simplified technique (P), 478
- Cor biloculare, tracheal atresia associated with, 530**
- Coronary arterio-venous fistulae, 16**
- occlusion, stepwise, mortality rate after, when adhesion to ischaemic myocardium is prevented, 166
- COTTON, R. E., and JACKSON, J. W.:** Localized amyloid 'tumours' of the lung simulating malignant neoplasms, 97
- Cough suppressants, objective assessment of, under clinical conditions, using tape recorder system, 125**
- CRAWFORD, N., see Parish, D. J., Crawford, N., and Spencer, A. T.**
- CROFTS, N. F., and FORBES, G. B.:** Malignant neurilemmoma of the lung metastasizing to the heart, 334
- CUMMING, GORDON:** Chronic bronchitis and pulmonary heart disease (P), 477
- CUMMING, R. A., DAVIES, S. H., KAMEL, K., MACKENZIE, G. J., MASSON, A., and WADE, J. D.:** Some haematological observations in cardiopulmonary bypass at normothermia using the Melrose oxygenator, 170
- CURRAN, R., see Longmore, D. B., Cook, W. A., Jepson, B. A., Curran, R., and Kinmonth, J. B.**
- Cyst, anepithelial lung, 343**
- bronchogenic, congenital partial left pericardial defect with, 176
- cardiac hydatid, 151
- Cystic adenomatoid malformation, congenital, of lung, 1**
- Cytology, exfoliative, clinical value of, in neoplasia of lung, 279**
- D**
- DARKE, C. S.:** Hair lacquers (P), 380
- DAVIDSON, JAMES S.:** Spontaneous rupture of the pharynx, 332
- DAVIES, P. D. B., 381**
- DAVIES, S. H., see Cumming, R. A., Davies, S. H., Kamel, K., Mackenzie, G. J., Masson, A., and Wade, J. D.**
- DE BONO, ANTONY, and GAZETOPOULOS, NICOS:** Experimental pulmonary embolism due to red cell aggregation, 244
- DELVES, DOREEN M., see May, J. Robert, and Delves, Doreen M.**
- DRABBLE, JEAN M., see Temple, Leslie J., Serafin, R., Calvert, N. G., and Drabble, Jean M.**
- DUNCAN, J. G., see Le Roux, B. T., and Duncan, J. G.**
- DUNNILL, M. S.:** Evaluation of a simple method of sampling the lung for quantitative histological analysis, 443
- DU PLESSIS, LOUIS A., and MARCHAND, PAUL:** The anatomy of the mitral valve and its associated structures, 221
- *see also* Marchand, Paul, and Du Plessis, Louis
- DURAN, C. G., GUNNING, A. J., and McMILLAN, T.:** A simple versatile pulse duplicator, 503
- Dystrophia myotonica, respiration in, 112**
- E**
- Embolism, experimental pulmonary, due to red cell aggregation, 244**
- Emphysema, diagnosis of, 571**
- pulmonary, alveolitis, and hyperinflation, experimental analysis in dogs of relationship between, 420

Empyema and ruptured lung abscess in adults, 492  
 Eosinophilia, tropical, study of, 548  
 EVANS, BRIAN A.: A method for the treatment of acute ventilatory failure, 316  
 EVANS, D. A. PRICE: Genetic aspects of chest disease (P), 478  
 EVANS, D. M. D., and HORTON, E. H.: Fatty polypoid tumour of the bronchus, 533  
 Exfoliative cytology, clinical value of, in neoplasia of lung, 279

## F

FALLON, MARTIN: Larval infestation of lung (P), 380  
 Fallot, tetralogy of, longevity in, 12  
 FISK, GRAHAM, *see* Cohen, Douglas, Fisk, Graham, Gengos, D. C., and Bates, Barbara  
 Fistulae, coronary arterio-venous, 16  
 FLANAGAN, NEIL, *see* McCracken, A. W., Flanagan, Neil, and Flanagan, Paul  
 FLANAGAN, PAUL, *see* McCracken, A. W., Flanagan, Neil, and Flanagan, Paul  
 FLETCHER, E. C., *see* Capel, L. H., and Fletcher, E. C.  
 Fluid mechanics applied to human circulation and particularly to testing of valves in pulse duplicator, 261  
 FORAKER, ALVAN G., *see* Anderson, A. E., Jr., Azcuy, A., Batchelder, T. L., and Foraker, Alvan G.  
 Forbes, G. B., *see* Crofts, N. F., and Forbes, G. B.  
 Foreign bodies, intrathoracic, 203  
 FRATER, R. W. M.: Anatomical rules for the plastic repair of a diseased mitral valve, 458  
 FREDERIKSEN, THORKILD, *see* Borgeskov, Sv., Pederesen, O. True, and Frederiksen, Thorkild  
 FREEDMAN, BERNARD J.: Oxygen and carbon dioxide concentrations in oxygen tents, 568

## G

GARUSI, G. F., MORETTI, S., and BORGI, A.: Historadiographic studies of lung structures, 51  
 GAZETOPOULOS, NICOS, *see* De Bono, Antony, and Gazetopoulos, Nicos  
 Genetic aspects of chest disease (P), 478  
 GENGOS, D. C., *see* Cohen, Douglas, Fisk, Graham, Gengos, D. C., and Bates, Barbara  
 GIBSON, D. S.: Cardiac hydatid cysts, 151  
 GILLAM, P. M. S., HEAF, P. J. D., KAUFMAN, L., and LUCAS, B. G. B.: Respiration in dystrophia myotonica, 112  
 Glasswool, cardiopulmonary function studies in workers dealing with, 22  
 GOLDSTEIN, B., and JOUBERT, E. J.: Solid pulmonary artery, 322  
 GOODWIN, J. F.: Aortic valve surgery (P), 480  
 GOTSMAN, M. S., and WHITBY, J. L.: Respiratory infection following tracheostomy, 89  
 GREEN, I. D.: Chronic bronchitis and pulmonary heart disease (P), 477  
 GUNNING, A. J., *see* Duran, C. G., Gunning, A. J., and McMillan, T.

## H

Haematological observations in cardiopulmonary bypass at normothermia using Melrose oxygenator, 170  
 Haemodilution and total body perfusion, 465  
*Haemophilus influenzae* infections of respiratory tract, ampicillin in treatment of, 298

Haemorrhage, pulmonary resection as treatment for, in tuberculosis, 218  
 Haemosiderosis, idiopathic pulmonary, with allergic pulmonary vasculitis, 311  
 Hair lacquers (P), 380  
 Hamartoma, intrathoracic lymphoid, 469  
 pulmonary, 236  
 HAMER, JOHN: Cause of low arterial oxygen saturation in pulmonary fibrosis, 507  
 HANBURY, W. J.: Bronchogenic carcinoma in women, 338  
 HARLEY, H. R. S.: Post-operative cerebral damage (P), 382  
 — and ORTO, T. J.: Anepithelial lung cyst, 343  
 HATHAWAY, JAMES, *see* Buerger, Leopold, and Hathaway, James  
 HEAF, P. J. D., *see* Gillam, P. M. S., Heaf, P. J. D., Kaufman, L., and Lucas, B. G. B.  
 Heart disease, pulmonary, recent studies in (P), 477  
 malignant neurilemmoma of lung metastasizing to, 334  
 surgery, pyrexia after, due to virus infection transmitted by blood transfusion, 159  
 Heat exchange unit, new, 85  
 HEATH, D. A.: Chronic bronchitis and pulmonary heart disease (P), 477  
 HEIMBURG, P.: Bronchial collateral circulation in experimental stenosis of the pulmonary artery, 306  
 Hernia, oesophageal hiatal: radiological follow-up, 327  
 HIRST, E., and WILLIAMS, H. B. L.: Intrathoracic lymphoid hamartoma, 469  
 Historadiographic studies of lung structures, 51  
 Homograft aortic valve replacement in aortic incompetence and stenosis, 131  
 HORTON, E. H., *see* Evans, D. M. D., and Horton, E. H.  
 HOURIHANE, DERMOT O'B.: The pathology of mesotheliomata and an analysis of their association with asbestos exposure, 268  
 HUGHES, E. W.: Familial interstitial pulmonary fibrosis, 515  
 HULTQUIST, G., *see* Aletras, H., Björk, V. O., Hultquist, G., and Rodriguez, L.  
 HUTCHISON, J. H.: Use of hyperbaric oxygen (P), 379  
 Hydatid cysts, cardiac, 151  
 5-Hydroxytryptamine, secretion of, by poorly-differentiated bronchial carcinoma, 62  
 Hyperbaric oxygen, use of (P), 379  
 Hypothermia, surgical treatment of atrial septal defect under, 481  
 Hytrast, bronchography with, 37

## I

Intrapulmonary lymph nodes, recognition and incidence of, 44  
 teratoma, 228  
 Intrathoracic foreign bodies, 203  
 lymphoid hamartoma, 469  
 marrow heterotopia, tumour-simulating, in thalassaemia major, 121

## J

JACKSON, J. W., *see* Cotton, R. E., and Jackson, J. W.  
 JEDLIČKOVÁ, Z., *see* Plíhal, V., Jedličková, Z., Viklický, J., and Tománek, A.

- JEPSON, B. A., *see* Longmore, D. B., Cook, W. A., Jepson, B. A., Curran, R., and Kinmonth, J. B.  
 JOSHI, V. V., *see* Udawadia, Farokh E., and Joshi, V. V.  
 JOUBERT, E. J., *see* Goldstein, B., and Joubert, E. J.

## K

- KAMEL, K., *see* Cumming, R. A., Davies, S. H., Kamel, K., Mackenzie, G. J., Masson, A. and Wade, J. D.  
 KARLISH, A. J.: Malignant pleural effusions (P), 478  
 KAUFMAN, L., *see* Gillam, P. M. S., Heaf, P. J. D., Kaufman, L., and Lucas, B. G. B.  
 KEATES, P. G., *see* Newcombe, C. P., Whitaker, W., and Keates, P. G.  
 KINMONTH, J. B., *see* Longmore, D. B., Cook, W. A., Jepson, B. A., Curran, R., and Kinmonth, J. B.  
 KIRK, G. M., and SEAL, R. M. E.: False aneurysm of the pulmonary artery with peripheral venous thrombosis, 449  
 KOURILSKY, R.: Respiration function by X-ray (P), 380  
 KYLLÖNEN, K. E. J., *see* Laustela, E. V., and Kyllönen, K. E. J.

## L

- LA FLÈCHE, LÉO R., *see* Belanger, Raymond, La Flèche, Léo R., and Picard, Jean-Louis  
 Larval infestation of lung (P), 380  
 LAUSTELA, E. V., and KYLLÖNEN, K. E. J.: Pulmonary resection as treatment for haemorrhage in tuberculosis, 218  
 LE ROUX, B. T.: Intrathoracic foreign bodies, 203  
 — The maintenance of chest wall stability, (P) 382, 397  
 — Pulmonary 'hamartomata', 236  
 — and DUNCAN, J. G.: Bronchography with Hytrast, 37  
 LEEMING, J. T., *see* Stretton, T. B., and Leeming, J. T.  
 LICHTER, I., *see* Borrie, J., and Lichter, I.  
 Longevity in tetralogy of Fallot, 12  
 LONGMORE, D. B., COOK, W. A., JEPSON, B. A., CURRAN, R., and KINMONTH, J. B.: Comparison of materials for repair of cardiac defects, 454  
 LUCAS, B. G. B.: Post-operative cerebral damage (P), 382  
 — *see also* Gillam, P. M. S., Heaf, P. J. D., Kaufman, L., and Lucas, B. G. B.  
 Lung abscess, ruptured, empyema and, in adults, 492  
 congenital cystic adenomatoid malformation of, 1  
 cyst, anepithelial, 343  
 evaluation of simple method of sampling, for quantitative histological analysis, 443  
 larval infestation of (P), 380  
 localized amyloid 'tumours' of, simulating malignant neoplasms, 97  
 lymphangitis carcinomatosa of, radiological appearances of, 251  
 malignant neurilemmoma of, metastasizing to heart, 334  
 needle biopsy of, with special reference to diffuse lung disease and use of new needle, 68  
 neoplasia of, clinical value of exfoliative cytology in, 279  
 structures, historadiographic studies of, 51  
 surface active agents in (P), 381  
 transplantation: technical problems, 383

- Lymph nodes, intrapulmonary, recognition and incidence of, 44  
 Lymphangitis carcinomatosa of lung, radiological appearances of, 251  
 Lymphoid hamartoma, intrathoracic, 469

## M

- MACARTNEY, JAMES N.: Pulmonary aspergillosis: a review and a description of three new cases, 287  
 MCCracken, A. W., FLANAGAN, NEIL, and FLANAGAN, PAUL: Tracheal atresia associated with cor biloculare, 530  
 MACKENZIE, G. J., *see* Cumming, R. A., Davies, S. H., Kamel, K., Mackenzie, G. J., Masson, A., and Wade, J. D.  
 MCKEOWN, T.: Genetic aspects of chest disease (P), 479  
 McMILLAN, T., *see* Duran, C. G., Gunning, A. J., and McMILLAN, T.  
 Macromolecular solutions, permeability of capillaries of cardiac muscle after intramyocardial perfusion of, 195  
 Malignant neurilemmoma of lung metastasizing to heart, 334  
 pleural effusions (P), 478  
 MALMBERG, R., *see* Simonsson, Bo G., and Malmberg, R.  
 MARCHAND, PAUL, and DU PLESSIS, LOUIS: A new heat exchange unit, 85  
 — *see also* Du Plessis, Louis A., and Marchand, Paul  
 Marrow heterotopia, tumour-simulating intrathoracic, in thalassaemia major, 121  
 MASSON, A., *see* Cumming, R. A., Davies, S. H., Kamel, K., Mackenzie, G. J., Masson, A., and Wade, J. D.  
 MAY, J. ROBERT, and DELVES, DOREEN M.: Ampicillin in the treatment of *Haemophilus influenzae* infections of the respiratory tract, 298  
 MEINDOK, H.: Longevity in the tetralogy of Fallot, 12  
 MELROSE, D. G., 479  
 Melrose oxygenator, cure for foaming and spill-out in, 355  
 haematological observations in cardiopulmonary bypass at normothermia using, 170  
 Mesotheliomata, pathology of, and analysis of their association with asbestos exposure, 268  
 Mitral stenosis, surgical treatment of, 541  
 valve and associated structures, anatomy of, 221  
 completely anatomical autogenous whole, 526  
 diseased, anatomical rules for plastic repair of, 458  
 MOFFETT, A. J.: Bilateral abductor paralysis with respiratory obstruction (P), 479  
 MOGHISSI, K.: Long-term results of surgical correction of pectus excavatum and sternal prominence, 350  
 MORETTI, S., *see* Garusi, G. F., Moretti, S., and Borghi, A.  
 MORGAN, W. K. C.: Rheumatoid pneumoconiosis in association with asbestosis, 433  
 MUKERJEE, SANDIP: Congenital partial left pericardial defect with a bronchogenic cyst, 176  
 Muscle tumours, benign smooth, of oesophagus, 185

## N

- Needle biopsy of lung, with special reference to diffuse lung disease and use of new needle, 68  
 Neoplasia of lung, clinical value of exfoliative cytology in, 279

Neurilemmoma, malignant, of lung metastasizing to heart, 334  
 Neurological and psychiatric aspects of open-heart surgery, 575  
 NEWCOMBE, C. P., WHITAKER, W., and KEATES, P. G.: Coronary arterio-venous fistulae, 16  
 NICKS, ROWAN: Empyema and ruptured lung abscess in adults, 492  
 NORMAN, J. N.: Use of hyperbaric oxygen (P), 379  
 Normothermia, haematological observations in cardiopulmonary bypass at, using Melrose oxygenator, 170

## O

OAKLEY, C. M.: Aortic valve surgery (P), 479  
 Oesophageal hiatal hernia: radiological follow-up, 327  
 Oesophagus, benign smooth muscle tumours of, 185  
 OGILVIE, C.: Surface active agents in lungs (P), 381  
 Open heart surgery by simplified technique (P), 478  
   neurological and psychiatric aspects of, 575  
 OSWALD, N., 380  
 OTTO, TADEUSZ J.: Surgical treatment of mitral stenosis, 541  
 — see also Harley, H. R. S., and Otto, T. J.  
 Oxygen and carbon dioxide concentrations in oxygen tents, 568  
   saturation, low arterial, cause of, in pulmonary fibrosis, 507  
 Oxygenator, Melrose, cure for foaming and spill-out in, 355  
   haematological observations in cardiopulmonary bypass at normothermia using, 170

## P

PAPAVASILIOU, C., and SFIKAKIS, P.: Tumour-simulating intrathoracic marrow heterotopia in thalassaemia major, 121  
 PARISH, D. J., CRAWFORD, N., and SPENCER, A. T.: The secretion of 5-hydroxytryptamine by a poorly-differentiated bronchial carcinoma, 62  
 PATTLE, R. E.: Surface active agents in lungs (P), 381  
 Pectus excavatum, long-term results of surgical correction of, 350  
 PEDERSON, O. TRUE, see Borgeskov, Sv., Pedersen, O. True, and Frederiksen, Thorkild  
 Perfusion, total body, haemodilution and, 465  
 Pericardial defect, congenital partial left, with bronchogenic cyst, 176  
 Pericarditis, constrictive, in association with rheumatoid arthritis, 555  
 PETROPOULOS, PANAGIOTIS C.: Mortality rate after stepwise coronary occlusion when adhesion to the ischaemic myocardium is prevented, 166  
 — Permeability of the capillaries of the cardiac muscle after intramyocardial perfusion of macromolecular solutions, 195  
 Pharynx, spontaneous rupture of, 332  
 PICARD, JEAN-LOUIS, see Belanger, Raymond, La Flèche, Léo R., and Picard, Jean-Louis  
 Pleural effusions, malignant (P), 478  
 PLÍHAL, V., JEDLIČKOVÁ, Z., VIKLICKÝ, J., and TOMÁNEK, A.: Multiple bilateral pulmonary aspergillomata, 104  
 Pneumoconiosis, rheumatoid, in association with asbestosis, 433  
 — Psychiatric aspects of open-heart surgery, 575  
 Pulmonary artery, bronchial collateral circulation in experimental stenosis of, 306  
   false aneurysm of, with peripheral venous thrombosis, 449  
   normal x-ray microscopic study of vasa vasorum of, 561  
   solid, 322  
 aspergillomata, multiple bilateral, 104  
 aspergillosis: review and description of three new cases, 287  
 embolism, experimental, due to red cell aggregation, 244  
 emphysema, alveolitis, and hyperinflation, experimental analysis in dogs of relationship between, 420  
 fibrosis, cause of low arterial oxygen saturation in, 507  
   diffuse interstitial, in patients with positive sheep cell agglutination test, 79  
   familial interstitial, 515  
   function in scleroderma, 28  
   haemosiderosis, idiopathic, with allergic pulmonary vasculitis, 311  
   'hamartomata', 236  
   heart disease, recent studies in (P), 477  
   reimplantation, experimental, 180  
   resection as treatment for haemorrhage in tuberculosis, 218  
 Pulse duplicator, fluid mechanics applied to testing of valves in, 261  
   simple versatile, 503  
 Pyrexia after heart surgery due to virus infection transmitted by blood transfusion, 159

## R

Red cell aggregation, experimental pulmonary embolism due to, 244  
 Respiration function by X-ray (P), 380  
   in dystrophia myotonica, 112  
 Respiratory infection following tracheostomy, 89  
   obstruction, bilateral abductor paralysis with (P), 479  
   tract, ampicillin in treatment of *Haemophilus influenzae* infections of, 298  
   viruses affecting (P), 380  
 Rheumatoid arthritis, constrictive pericarditis in association with, 555  
   pneumoconiosis in association with asbestosis, 433  
 RITCHIE, BLAIR: Pulmonary function in scleroderma, 28  
 ROBERTSON, A. J., 478  
 ROBSON, A.: Adrenal cortical function in continuous asthma (P), 479  
 RODRIGUEZ, L., see Aletras, H., Björk, V. O., Hultquist, G., and Rodriguez, L.  
 ROSENBERG, A., see Woolf, C. R., and Rosenberg, A.  
 ROSS, B. A.: Pyrexia after heart surgery due to virus infection transmitted by blood transfusion, 159  
 ROSS, D.: Aortic valve surgery (P), 480  
 ROSSER, T., see Andrews, G. S., and Rosser, T.

## S

Scleroderma, pulmonary function in, 28  
 SEAL, R. M. E., see Kirk, G. M., and Seal, R. M. E.  
 SEGEL, N.: Chronic bronchitis and pulmonary heart disease (P), 478  
 Septal defects, atrial, new terminology for subdivision of, 490  
   surgical treatment of, under hypothermia, 481

- SERAFIN, R., *see* Temple, Leslie J., Serafin, R., Calvert, N. G., and Drabble, Jean M.
- SFIKAKIS, P., *see* Papavasiliou, C., and Sfikakis, P.
- SHAW, K. M., and BURTON, N. A.: Experimental pulmonary reimplantation, 180
- Sheep cell agglutination test, positive, diffuse interstitial pulmonary fibrosis in patients with, 79
- SIMONSSON, BO G., and MALMBERG, R.: Differentiation between localized and generalized airway obstruction, 416
- SLADE, P. R. H., *see* Tubbs, O. S., Slade, P. R. H., and Turner-Warwick, Margaret
- SMITH, D. R.: Aortic valve surgery (P), 479
- SMITH, G.: Use of hyperbaric oxygen (P), 379
- SMITH, W. G.: Needle biopsy of the lung, with special reference to diffuse lung disease and the use of a new needle, 68
- SÖDERHOLM, B., *see* Bjure, J., Söderholm, B., and Widimsky, J.
- SPALDING, J. M. K.: Post-operative cerebral damage (P), 382
- SPENCER, A. T., *see* Parish, D. J., Crawford, N., and Spencer, A. T.
- Sternal prominence, long-term results of surgical correction of, 350
- STRETTON, T. B., and LEEMING, J. T.: Diffuse interstitial pulmonary fibrosis in patients with a positive sheep cell agglutination test, 79
- Surface active agents in lungs (P), 381
- SYKES, M. K.: Surface active agents in lungs (P), 381
- T**
- Tape recorder system, objective assessment of cough suppressants under clinical conditions using, 125
- TELFER, A. B. M.: Use of hyperbaric oxygen (P), 380
- TEMPLE, LESLIE J., SERAFIN, R., CALVERT, N. G., and DRABBLE, JEAN M.: Principles of fluid mechanics applied to some situations in the human circulation and particularly to the testing of valves in a pulse duplicator, 261
- Teratoma, intrapulmonary, 228
- Tetralogy of Fallot, longevity in, 12
- Thalassaemia major, tumour-simulating intrathoracic marrow heterotopia in, 121
- THOMPSON, DOUGLAS: A technique for bronchial anastomosis after resection of a portion of bronchus, 347
- THOMSON, Sir ARTHUR: Significant early contributions from Birmingham (P), 477
- THORACIC SOCIETY:  
Spring Meeting, 379  
Summer Meeting, 477
- Thrombosis, peripheral venous, false aneurysm of pulmonary artery with, 449
- THURLBECK, W. M.: The diagnosis of emphysema, 571
- and ANGUS, G. E.: A distribution curve for chronic bronchitis, 436
- TOBIN, J. O'H.: Viruses affecting respiratory tract (P), 380
- TOMÁNEK, A., *see* Plíhal, V., Jedličková, Z., Viklický, J., and Tománek, A.
- Tracheal atresia associated with cor biloculare, 530 reconstruction, new method for, 358
- Tracheostomy, respiratory infection following, 89
- TRAPNELL, DAVID H.: Radiological appearances of lymphangitis carcinomatosa of the lung, 251
- Recognition and incidence of intrapulmonary lymph nodes, 44
- Tropical eosinophilia, study of, 548
- TUBBS, O. S., SLADE, P. R. H., and TURNER-WARWICK, MARGARET: Constrictive pericarditis in association with rheumatoid arthritis, 555
- Tuberculosis, pulmonary resection as treatment for haemorrhage in, 218
- TUFFLEY, R. E.: Air purification (P), 381
- Tumours, benign smooth muscle, of oesophagus, 185  
fatty polypoid, of bronchus, 533  
localized amyloid, of lung simulating malignant neoplasms, 97
- TURNER-WARWICK, MARGARET. *see* Tubbs, O. S., Slade, P. R. H., and Turner-Warwick, Margaret
- TYRRELL, D. A. J.: Viruses affecting respiratory tract (P), 380
- U**
- UDWADIA, FAROKH E., and JOSHI, V. V.: A study of tropical eosinophilia, 548
- V**
- Valves, fluid mechanics applied to testing of, in pulse duplicator, 261
- VANDERHOEFT, PATRICK J.: Broncho-pulmonary circuits: a synoptic appraisal, 537
- VAN DER SPUY, J. C.: Completely anatomical autogenous whole mitral valve, 526
- Vasa vasorum of normal human pulmonary arteries, x-ray microscopic study of, 561
- Vasculitis, allergic pulmonary, idiopathic pulmonary haemosiderosis with, 311
- Venous thrombosis, peripheral, false aneurysm of pulmonary artery with, 449
- Ventilatory failure, acute, method for treatment of, 316
- Ventricular aneurysm, 162
- VIKICKÝ, J., *see* Plíhal, V., Jedličková, Z., Viklický, J., and Tománek, A.
- Virus infection transmitted by blood transfusion, pyrexia after heart surgery due to, 159
- Viruses affecting respiratory tract (P), 380
- W**
- WADE, J. D., *see* Cumming, R. A., Davies, S. H., Kamel, K., Mackenzie, G. J., Masson, A., and Wade, J. D.
- WHITAKER, W., *see* Newcombe, C. P., Whitaker, W., and Keates, P. G.
- WHITBY, J. L., *see* Gotsman, M. S., and Whitby, J. L.
- WIDIMSKY, J., *see* Bjure, J., Söderholm, B., and Widimsky, J.
- WILLIAMS, H. B. L., *see* Hirst, E., and Williams, H. B. L.
- WONG, P. K., *see* Ali, M. Y., and Wong, P. K.
- WOOLF, C. R., and ROSENBERG, A.: Objective assessment of cough suppressants under clinical conditions, using a tape recorder system, 125
- X**
- X-ray, respiration function by (P), 380
- Z**
- ZELLOS, S.: Surgical treatment of atrial septal defect under hypothermia, 481
- ZORAB, P., 381