

1 Congenital Disorders

Arteriovenous Malformation (AVM) 1
 Shunt 3
 Scimitar Syndrome 6
 Pulmonary Sequestration 9

2 Disorders of the Airways

Hypertransradiant Hemithorax ... 18
 Bronchiectasis 22
 Bronchiolitis 25
 Bronchiolitis Obliterans 28
 Chronic Bronchitis (Chronic
 Obstructive Pulmonary Disease) .. 31
 Cystic Fibrosis 33

3 Occupational Diseases

Pneumoconiosis 57

4 Infections

Community-Acquired Pneumonia 64
 Hospital-Acquired (Nosocomial)
 Pneumonia 67
 Opportunistic Pneumonia 70
 Lobar Pneumonia 73
 Bronchopneumonia 76
 Interstitial Pneumonia
 and Atypical Pneumonia 78
 Aspiration Pneumonia
 and Sequelae of Aspiration 81
 Septic Embolisms 84
 Staphylococcal Pneumonia 86

5 Idiopathic Interstitial Pneumonia

Idiopathic Pulmonary Fibrosis ... 114
 Cryptogenic Organizing
 Pneumonia 117
 Desquamative Interstitial
 Pneumonia 120

Pulmonary Artery Hypoplasia
 and Atresia 12
 Bronchial Atresia 15

Pulmonary Emphysema 37
 Atelectasis 41
 Rounded Atelectasis (Folded Lung) 44
 Middle Lobe Syndrome 47
 Immotile Cilia Syndrome,
 Kartagener Syndrome 51
 Foreign Body Aspiration 55

Asbestosis 61

Mycoplasma Pneumonia 88
 Tuberculosis 91
 Nontuberculous Mycobacterial
 Infections 94
 Viral Pneumonia 97
 Cytomegalovirus Pneumonia 100
 Fungal Pneumonia 102
 Invasive Pulmonary Aspergillosis 105
 Aspergilloma
 (Noninvasive Aspergillosis) 109
 Pneumocystis jirovecii
 Pneumonia 112

Respiratory Bronchiolitis
 with Interstitial Lung Disease ... 123
 Nonspecific Interstitial
 Pneumonitis 126
 Lymphocytic Interstitial
 Pneumonitis 129

6 Collagen Diseases and Vasculitis

Rheumatoid Arthritis 132
 Systemic Lupus Erythematosus ... 135
 Sjögren Syndrome 138
 Systemic Sclerosis and
 Scleroderma 140

Dermatomyositis and
 Polymyositis 144
 Wegener Granulomatosis 147

7 Immune Disorders and Disorders of Uncertain Etiology

Allergic Bronchopulmonary
 Aspergillosis 151
 Extrinsic Allergic Alveolitis
 or Hypersensitivity Pneumonitis . 153
 Eosinophilic Lung Disease—
 Eosinophilic Pneumonia 157
 Pulmonary Hemorrhage
 and Goodpasture Syndrome 161

Idiopathic Pulmonary
 Hemosiderosis (Ceelen–
 Gellerstedt Syndrome) 165
 Sarcoidosis 167
 Alveolar Proteinosis 170
 Lymphangioleiomyomatosis 173
 Langerhans Cell Histiocytosis 177

8 Bronchopulmonary Neoplasms

Non-small Cell Lung Cancer 180
 Small Cell Lung Cancer 184
 Bronchioalveolar Carcinoma—
 Alveolar Cell Carcinoma 187
 Bronchial Carcinoid 191
 Pulmonary Hamartoma 195
 Pulmonary Lymphoma 197

Papillomatosis
 (Laryngeal Papillomatosis) 201
 Pancoast Tumor 204
 Pulmonary Metastases 207
 Lymphangitis Carcinomatosa 210
 Solitary Nodule 213

9 Disorders of the Pulmonary Circulatory System

Pulmonary Embolism 216
 Pulmonary Arterial Hypertension 219
 Pulmonary Congestion—Elevated
 Pulmonary Venous Pressure 221

Pulmonary Interstitial Edema 223
 Alveolar Pulmonary Edema 226

10 Mediastinal Disorders

Mediastinal Cysts 229
 Retrosternal Intrathoracic Goiter . 234
 Thymic Tumors 237
 Germ Cell Tumors 240
 Neurogenic Tumors 244
 Lymphomas 250
 Castleman Disease (Benign
 Lymph Node Hyperplasia) 253
 Lymph Node Metastases 256
 Extramedullary Hemopoiesis 259

Diaphragmatic and Hiatal Hernia 262
 Aortic Aneurysm 265
 Achalasia 269
 Aortic Dissection 271
 Coarctation of the Aorta 274
 Anomaly of the Aortic Arch—
 Right Aortic Arch 277
 Dilation of the Azygos Vein 279
 Mediastinitis 282

11 Chest Wall and Pleura

Pectus Excavatum	284
Pneumothorax	286
Pleural Effusion	289
Pleural Fibrosis (Pleural Peel)	292
Pleural Empyema	294

12 Chest Trauma

Pulmonary Contusion and Laceration	307
Aortic Rupture	311
Bronchial Rupture and Injury to the Tracheobronchial System .	313

13 Sequelae of Therapy

Drug Reaction	323
Radiation Reaction	328
Reperfusion Edema	330
Bronchiolitis Obliterans Syndrome	333

Index	346
--------------------	-----

Pleural Plaques	296
Actinomycosis	298
Pleural Mesothelioma	301
Pleural Metastases	304

Esophageal Rupture	315
Rupture of the Diaphragm	317
Adult Respiratory Distress Syndrome (ARDS)	320

Engraftment Syndrome	336
Central Venous Catheter	339
Cardiac Pacemaker	342
Parenchymal Calcification and Pulmonary Calcinosis	344