

Section I

Obstructive Lung Disease

Case 1 A 45-Year-Old Man with Chronic Cough and Dyspnea on Exertion

Case 2 A 59-Year-Old Woman with Episodic Dyspnea

Case 3 A 77-Year-Old Man with Chronic Cough and Recurrent Pneumonia

Case 4 A 63-Year-Old Woman with Recurrent Exacerbations of Chronic Obstructive Pulmonary Disease

Case 5 A 28-Year-Old Woman with Worsening Cough and Hemoptysis

Case 6 An 84-Year-Old Man with Chronic Obstructive Pulmonary Disease and Cirrhosis

Section II

Critical Care Medicine

Case 7 A 67-Year-Old Woman with Hyperglycemia

Case 8 A 52-Year-Old Man with Suicidal Ideation and Bipolar Disorder

Case 9 A 66-Year-Old Man with Fatigue, Dyspnea, and Hypoxemia

Case 10 A 51-Year-Old Man with Fever, Dyspnea, and Productive Cough

Case 11 A 49-Year-Old Man with Massive Upper Gastrointestinal Tract Bleeding

Case 12 A 74-Year-Old Man with Shortness of Breath, Cough, Rigors, and Malaise

Case 13 A 63-Year-Old Woman with Back Pain, Weakness, Tachycardia, and Hypertension

Section III

Diffuse Parenchymal Lung Disease

Case 14 A 45-Year-Old Man with Worsening Dyspnea and Hypoxemia

Case 15 A 55-Year-Old Woman with Dyspnea, Cough, and Acute Kidney Failure

Case 16 A 51-Year-Old Man with Fatigue, Dyspnea, and Lung Nodules

Case 17 A 48-Year-Old Woman with Shortness of Breath and Cough

Case 18 A 59-Year-Old Woman with Progressive Dyspnea Undergoing Evaluation for Lung Transplant

Case 19 A 52-Year-Old Woman with Arthralgias, Hair Loss, and Skin Ulcers

Case 20 A 61-Year-Old Man with Dyspnea on Minimal Exertion

Case 21 A 67-Year-Old Woman with Progressive Dyspnea and Atypical Infiltrates

Section IV

Sleep Medicine, Neuromuscular and Skeletal

Case 22 A 60-Year-Old Man with Persistent Coma

Case 23 An 83-Year-Old Woman with Obstructive Sleep Apnea at High Altitude

Case 24 An 82-Year-Old Woman with Acute Hypoxic Respiratory Failure

Section V

Infections

Case 25 A 48-Year-Old Man with Recurrent Pneumonia

Case 26 A 36-Year-Old Man with Recurrent Fevers, Dry Cough, and Weight Loss

Case 27 A 37-Year-Old Man with Sudden Loss of Vision

Case 28 A 71-Year-Old Woman with Diarrhea and Recurrent Fever

Case 29 A 51-Year-Old Woman with Fever and Cough

Section VI

Neoplasia

Case 30 A 54-Year-Old Woman with Chronic Hoarseness and Cough

Case 31 A 56-Year-Old Man with Persistent Pneumonia

Case 32 A 74-Year-Old Man with a Pulmonary Nodule and Neck Pain

Case 33 A 68-Year-Old Man with Dyspnea and Multiple Pulmonary Nodules

Case 34 A 49-Year-Old Man with Dizziness, Fatigue, Muscle Weakness, and Shortness of Breath

Case 35 A 71-Year-Old Woman with a Nodule in the Right Lung

Case 36 A 65-Year-Old Man with Shoulder Pain, Cough, and Dyspnea

Section VII

Pleural Diseases

Case 37 A 49-Year-Old Man with Cough, Dyspnea, and Right-Sided Chest Pain

Case 38 A 45-Year-Old Woman with Respiratory Failure and Septic Shock

Case 39 An 81-Year-Old Man with Chronic Dyspnea and Recurrent Pleural Effusion

Case 40 A 46-Year-Old Woman with Progressive Shortness of Breath

Case 41 A 25-Year-Old Man with Sudden Onset of Severe Dyspnea

Case 42 A 71-Year-Old Woman with Cough, Night Sweats, and Fevers

Case 43 A 57-Year-Old Woman with Progressively Decreasing Oxygen Saturation After Liver Transplant

Section VIII

Interventional Pulmonology

Case 44 A 79-Year-Old Woman with Shortness of Breath, Fatigue, Near Syncope, and Chest Tightness

Case 45 A 49-Year-Old Woman with Coital Hemoptysis

Section IX

Transplantation

Case 46 A 60-Year-Old Man with Fever, Cough, and Fatigue 2 Months After Bilateral Lung Transplant

Case 47 A 59-Year-Old Man with Progressive Shortness of Breath and Fatigue 18 Months After Bilateral Lung Transplant

Case 48 A 64-Year-Old Man with Back Spasms and Dyspnea 3 Weeks After Lung Transplant

Section X

Vascular Diseases

Case 49 A 57-Year-Old Man with a History of Recurrent Epistaxis and Arteriovenous Malformations

Case 50 A 68-Year-Old Woman with Dyspnea and Pleuritic Chest Pain

Case 51 A 71-Year-Old Man with Dyspnea and Hypoxemia

Section XI

Occupational and Environmental Diseases

Case 52 A 91-Year-Old Man with a Pulmonary Nodule, Abdominal Pain, and Anorexia

Case 53 A 23-Year-Old Man with Dyspnea and Pleural Effusions

Case 54 A 68-Year-Old Man with Chronic Cough