

## Features:

- **UNIQUE! Emphasis on clinical scenarios and critical thinking skills** prepares you for real-world practice.
- **UNIQUE! Focus on assessment and Therapist Driven Protocols (TDPs).**
- **UNIQUE! Overview boxes** highlight the clinical manifestations for each disease.
- **Logically organized content is written at a user-friendly, approachable reading level** for ease of use and understanding.
- **Case studies** provide realistic examples of the respiratory therapy practitioner's role in successful patient care.
- **End-of-chapter self-assessment questions and answer key** are available on the companion Evolve website.

## New To This Edition:

- **NEW! *Clinical Connection* boxes** provide real-world clinical case studies in relevant chapters.
- **NEW! An updated design and additional tables, boxes, and figures** draw attention to key information.
- **UPDATED!** Content includes the latest developments related to **SARS and COVID-19**.
- **UPDATED! Information on ventilators, usage, and protocols** reflects current practice.
- **NEW! QR codes** in most chapters direct to additional outside content to enhance the chapter, including audio sounds and animations.

## Περιεχόμενα:

### **PART I: ASSESSMENT OF CARDIOPULMONARY DISEASE**

#### **SECTION I: Bedside Diagnosis**

- 1.The Patient Interview
- 2.The Physical Examination
- 3.The Pathophysiologic Basis for Common Clinical Manifestations

#### **SECTION II: Clinical Data Obtained from Laboratory Tests and Special Procedures — Objective Findings**

- 4.Pulmonary Function Testing
- 5.Blood Gas Assessment
- 6.Assessment of Oxygenation
- 7.Assessment of the Cardiovascular System
- 8.Radiologic Examination of the Chest

9. Other Important Tests and Procedures

**SECTION III: The Therapist-Driven Protocol Program — The Essentials**

10. The Therapist-Driven Protocol Program

11. Respiratory Failure and Ventilatory Management Protocols

12. Recording Skills and Intra-Professional Communication

**PART II: OBSTRUCTIVE LUNG DISEASE**

13. Chronic Obstructive Pulmonary Disease, Chronic Bronchitis, and Emphysema

14. Asthma

15. Cystic Fibrosis

16. Bronchiectasis

**PART III: LOSS OF ALVEOLAR VOLUME**

17. Atelectasis

**PART IV: INFECTIOUS PULMONARY DISEASE**

18. Pneumonia, Lung Abscess Formation, and Important Fungal Diseases

19. Tuberculosis

**PART V: PULMONARY VASCULAR DISEASE**

20. Pulmonary Edema

21. Pulmonary Vascular Disease: Pulmonary Embolism and Pulmonary Hypertension

**PART VI: CHEST AND PLEURAL TRAUMA**

22. Flail Chest

23. Pneumothorax

**PART VII: DISORDERS OF THE PLEURA AND THE CHEST WALL**

24. Pleural Effusion and Empyema

25. Kyphoscoliosis

**PART VIII: LUNG CANCER**

26. Cancer of the Lung

**PART IX: ENVIRONMENTAL LUNG DISEASES**

27. Interstitial Lung Diseases

**PART X: DIFFUSE ALVEOLAR DISEASE**

28. Acute Respiratory Distress Syndrome

**PART XI: NEURO-RESPIRATORY DISORDERS**

29. Guillain-Barre Syndrome

30. Myasthenia Gravis

31. Cardiopulmonary Assessment and Care of Patients with Neuromuscular Disease

**PART XII: SLEEP-RELATED BREATHING DISORDERS**

32. Sleep Apnea

**PART XIII: NEWBORN AND EARLY CHILDHOOD CARDIOPULMONARY DISORDERS**

33. Newborn Assessment and Management

34. Pediatric Assessment and Management

35. Meconium Aspiration Syndrome

36. Transient Tachypnea of the Newborn

37. Respiratory Distress Syndrome

38. Pulmonary Air Leak Syndromes

39. Respiratory Syncytial Virus Infection (Bronchiolitis)

40. Bronchopulmonary Dysplasia

41. Congenital Diaphragmatic Hernia

42. Congenital Heart Diseases

43. Croup and Croup-like Syndromes: Laryngotracheobronchitis, Bacterial Tracheitis, and Acute Epiglottitis

**PART XIV: OTHER IMPORTANT TOPICS**

44. Near Drowning/Wet Drowning

45. Smoke Inhalation, Thermal Lung Injuries, and Carbon Monoxide Intoxication

**Appendices**

**Index**