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Module 1: INTRODUCTION to BASIC RESPIRATORY SCIENCE

Basic Physics for the Respiratory Therapist
Principles of Infection Control

Module 2: MEDICAL GASES

Manufacture, Storage, and Transport of Medical Gases
Administering Medical Gases: Regulators, Flowmeters, and Controlling Devices

Module 3: AIRWAY MANAGEMENT

Airway Management Devices and ACLS
Humidity and Aerosol Therapy
Lung Expansion Therapy Devices

Module 4: ASSESSMENT

Assessment of Pulmonary Function
Assessment of Cardiovascular Function
Blood Gas Monitoring
Sleep Diagnostics

Module 5: CRITICAL CARE AND EXTENDED CARE DEVICES

Introduction to Ventilators
Mechanical Ventilators: General-Use Devices
Infant/Pediatric Ventilators
Home-Care, Transport Devices, Alternative Devices

Glossary