

Neonatal Respiratory Assessment Fast Track

Course Description: This module reviews the anatomy and physiology of the respiratory system, normal and abnormal respiratory findings during daily assessments, and (briefly) gas exchange, oxygenation, and mechanical ventilation. It includes a case scenario that tests student understanding of the material.

Course Objectives:

- Describe the basic anatomy and physiology of the newborn respiratory system
- List the six key categories of a complete newborn respiratory assessment
- Differentiate typical and atypical findings during newborn respiratory assessments
- Explain the physiology of gas exchange at the alveolar level
- Describe mechanical ventilation, nitric oxide, and ECMO