

## **Newborn Gas Exchange**

**Course Description:** This module reviews the physiology of gas exchange and partial pressures, and the secondary effects on kidneys and lungs. Students gain a clinical understanding of pyruvic acid, lactic acidosis, and the patient's level of compensation. And a case scenario tests student understanding of the material.

### **Course Objectives:**

- Explain the physiology of gas exchange at the alveolar level
- Describe the process of lactic acidosis and the levels of compensation
- Determine at what level the newborn patient is compensating, based on blood-gas values