

## **Pediatric Hypovolemic Shock**

**Course Description:** This module describes hypovolemic shock, its clinical manifestations, and management options for Pediatric patients diagnosed with hypovolemic shock. Background is offered about the physiology of cardiac output and stroke volume, and a case scenario tests the student's understanding of the material.

### **Course Objectives:**

- Differentiate between the following terms: cardiac output, preload, afterload, and contractility
- Explain what is meant by shock and its basic physiology
- List the causes and clinical manifestations of hypovolemic shock
- Describe the types of management would be required to help stabilize and normalize a child diagnosed with hypovolemia