

# Southern Illinois Regional EMS System

## H-6 CONTINUING EDUCATION CURRICULUM

1. Human System and Patient Assessment:
  - 1.1. Overview of anatomy and physiology.
  - 1.2. General patient assessment.
2. Fluids and Shock:
  - 2.1. Fluids and electrolytes.
  - 2.2. Hypovolemic shock.
  - 2.3. Management.
3. Respiratory System:
  - 3.1. Anatomy and physiology.
  - 3.2. Respiratory problems.
  - 3.3. Airway management techniques.
4. Cardiovascular System:
  - 4.1. Anatomy and physiology.
  - 4.2. Electrical conduction system.
5. Dysrhythmias:
  - 5.1. Life-threatening dysrhythmias.
  - 5.2. Pharmacological review.
  - 5.3. Treatment modalities.
6. Central Nervous System:
  - 6.1. Anatomy and physiology.
  - 6.2. Neurological trauma.
  - 6.3. Medical emergencies – conditions.
7. Soft Tissue Injury:
  - 7.1. Musculoskeletal injuries.
  - 7.2. Thermal injuries.
8. Trauma:
  - 8.1. Assessment, primary and secondary survey.
  - 8.2. Chest trauma.
  - 8.3. Abdominal trauma.
9. Pediatric Emergencies:
  - 9.1. Assessment.
  - 9.2. SIDS.
  - 9.3. Child maltreatment.
  - 9.4. Respiratory conditions.
  - 9.5. Pediatric resuscitation.
  - 9.6. Trauma.
  - 9.7. Pediatric patient with special health care needs.

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## H-6 CONTINUING EDUCATION CURRICULUM (continued)

10. Medical Emergencies:
  - 10.1. Diabetes.
  - 10.2. Acute abdomen.
  - 10.3. Anaphylaxis.
  - 10.4. Communicable disease.
  - 10.5. Environmental emergencies.
  - 10.6. Toxicology and substance abuse.
  - 10.7. Domestic violence.
  
11. OB – GYN Emergencies:
  - 11.1. Anatomy and physiology.
  - 11.2. Gynecological emergencies.
  - 11.3. Complications of pregnancies.
  - 11.4. Normal labor and delivery.
  - 11.5. Complications of labor and delivery.
  - 11.6. Care of the neonate.
  - 11.7. Sexual abuse.