



## STUDY POINTS

# Resuscitation Module

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*MyEMCert study points can be used to focus areas of study and preparation. The study point does not contain specific information that would lead you to the diagnosis or correct answer but would instead direct you to learning and reference materials.*

### Resuscitation Study Points

#### Cardiovascular

- Diagnostic evaluation and treatment of symptomatic bradycardia
- Diagnostic evaluation, recognition, and treatment of drug-induced bradycardia
- Diagnostic evaluation and treatment of narrow-complex tachydysrhythmias
- Diagnostic evaluation and treatment of wide-complex tachydysrhythmias
- Diagnostic evaluation and treatment for PEA
- Diagnostic evaluation and treatment of tension pneumothorax
- Treatment of Wolff-Parkinson-White tachycardia
- Diagnostic evaluation and treatment of aortic dissection
- Diagnostic evaluation and treatment of pulmonary embolism

#### Respiratory

- Diagnostic evaluation and treatment of severe asthma including status asthmaticus
- Diagnostic evaluation and treatment of respiratory failure associated with COPD
- Diagnostic evaluation and treatment of undifferentiated respiratory failure
- Appropriate use of noninvasive respiratory support in respiratory failure

#### Neurologic

- Diagnostic evaluation and treatment of altered mental status
- Diagnostic evaluation and treatment of acute ischemic stroke
- Recognition and treatment of posterior ischemic stroke
- Blood pressure management in hemorrhagic stroke

- Treatment of delirium at end of life
- Management of status epilepticus
- Diagnostic evaluation and treatment of neuroleptic malignant syndrome

### **Obstetric Gynecologic**

- Diagnostic evaluation and treatment of eclampsia
- Treatment of postpartum complications
- Diagnostic evaluation and treatment of post-partum hemorrhage
- Complicated delivery techniques
- Cardiac arrest in pregnancy

### **Neonatal**

- Newborn resuscitation
- Neonatal post-delivery resuscitation after birth complications
- Differential diagnosis and management of vomiting in neonates
- Management of episodic hyper-cyanotic (“tet”) spells
- Treatment of newborn hypoglycemia

### **Pediatric**

- Diagnostic evaluation and treatment of suspected child maltreatment/abuse
- Risk stratification of pediatric head injury
- Evaluation of the child with abdominal trauma
- Differential diagnosis of respiratory distress in the pediatric trauma patient
- Treatment of pediatric drowning/near-drowning
- Diagnostic evaluation and treatment of pediatric diabetic ketoacidosis (DKA)
- Management of stroke in patients with sickle cell disease
- Management of episodic hypercyanotic (“tet”) spells
- Initial management of children in septic shock
- Management of pediatric bradycardia
- Diagnostic evaluation and treatment of the child with burn injuries
- Diagnostic evaluation of the child with unexplained tachycardia

### **Trauma**

- Treatment of traumatic cardiac arrest
- Diagnostic evaluation and treatment of blunt chest trauma
- Approach to the difficult airway in patients with traumatic injuries
- Management of head injury
- Massive hemorrhage control
- Diagnostic evaluation and treatment of adult with burn injury
- Treatment of extremity burns
- Diagnostic evaluation and treatment of an electrical injury
- Diagnostic evaluation and treatment after hanging injury
- Diagnostic evaluation and treatment of crush syndrome
- Diagnostic evaluation and treatment of blunt abdominal trauma
- Diagnostic evaluation and treatment of thoracic trauma
- Management of spinal cord injury
- Management of severe traumatic brain injury

## **Hospice and Palliative**

- End-of-life care treatment
- End-of-life care and decision-making
- Understanding appropriate termination of resuscitation efforts

## **Miscellaneous**

- Treatment of hyperthermia
- Treatment of heat stroke
- Diagnostic evaluation and treatment of hypothermia
- Diagnostic evaluation and treatment of severe allergic reactions including anaphylaxis
- Vascular access in unstable patients
- Diagnostic evaluation and treatment of septic shock
- Diagnostic evaluation, recognition, and treatment diabetic ketoacidosis
- Management of electrolyte emergencies
- Recognition and treatment of adverse effects of opioids
- Treatment of cyanide poisoning
- Liability for care rendered when off-duty
- Management of cricothyrotomy complications
- Treatment of thyroid storm
- Diagnostic evaluation of ascending paralysis
- Treatment of pyelonephritis
- Diagnostic evaluation of methemoglobinemia