## Cardiovascular Disorders

<table>
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<tr>
<th>Topic</th>
<th>Authors</th>
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<tbody>
<tr>
<td>Acute Coronary Syndromes and Pericarditis</td>
<td>Akshay S. Desai, MD, MPH</td>
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<tr>
<td>Bradyarrhythmias and Pacing</td>
<td>Frank Zimmerman, MD</td>
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<td>Congestive Heart Failure and Myocarditis</td>
<td>Akshay S. Desai, MD, MPH</td>
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<tr>
<td>Extracorporeal Life Support/Ventricular Assist Device</td>
<td>Akshay S. Desai, MD, MPH</td>
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<td>Hemodynamic Monitoring and Bedside Assessment of Fluid Responsiveness</td>
<td>John F. McConville, MD</td>
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<td>Hypertensive Emergencies</td>
<td>Patricia A. Kritek, MD, EdM, FCCP</td>
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<td>Shock</td>
<td>Bhakti Patel, MD</td>
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<td>Tachyarrhythmia</td>
<td>Frank Zimmerman, MD</td>
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<tr>
<td>Updates and Key Concepts of Advanced Cardiac Life Support</td>
<td>Patricia A. Kritek, MD, EdM, FCCP and Bennett P. deBoisblanc, MD, FCCP</td>
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## Hematologic and Oncologic Disorders

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<td>Transfusions and Blood Products</td>
<td>Karl W. Thomas, MD, FCCP</td>
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<tr>
<td>Coagulopathies and Bleeding Disorders</td>
<td>Karl W. Thomas, MD, FCCP</td>
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## Infectious Disease

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<tr>
<td>Care of the Immunocompromised Host</td>
<td>George H. Karam, MD, FCCP</td>
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<td>Classic Infectious Disease Cases for Boards</td>
<td>George H. Karam, MD, FCCP</td>
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## Neurologic Disorders

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<td>Elevated ICP, Seizures, Neuromuscular Disease, and Brain Death</td>
<td>David R. Janz, MD, MSc</td>
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<tr>
<td>Strokes, Bleeds and Traumatic Brain Injury</td>
<td>David R. Janz, MD, MSc</td>
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## Gastrointestinal Disorders

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<tbody>
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<td>Acute Abdomen, Pancreatitis, and Abdominal Compartment Syndrome</td>
<td>Bennett P. deBoisblanc, MD, FCCP</td>
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<tr>
<td>Acute and Chronic Liver Failure</td>
<td>Amy Morris, MD</td>
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<td>GI Bleeding</td>
<td>Douglas B. White, MD, MAS</td>
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## Pharmacology and Toxicology

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<td>Airway Management, Procedural Sedation, and Neuromuscular Blockade</td>
<td>David L. Bowton, MD, FCCP</td>
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<td>Poisonings and Overdose</td>
<td>Janice L. Zimmerman, MD, FCCP</td>
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**PULMONARY DISEASE**

**ARDS**  
Jason Poston, MD

**Care of Critically Ill Patients with Obstructive Lung Disease**  
Mary E. Strek, MD, FCCP

**Mechanical Ventilation**  
Gregory A. Schmidt, MD, FCCP

**Pulmonary Embolism**  
Patricia A. Kritek, MD, EdM, FCCP

**Ventilatory Crises**  
Gregory A. Schmidt, MD, FCCP

**Point-of-care of Ultrasound**  
Amy Morris, MD

**Pregnancy and Critical Illness**  
Mary E. Strek, MD, FCCP

**Sedation, Delirium and Liberation from the Ventilation**  
Bhakti Patel, MD

**RESEARCH, ADMINISTRATION, AND ETHICS**

**End of Life and Ethics**  
Douglas B. White, MD, MAS

**Test Taking Skills (optional)**  
Gregory A. Schmidt, MD, FCCP

**SURGERY, TRAUMA, AND TRANSPLANTATION**

**Burns and Trauma**  
Bennett P. deBoisblanc, MD, FCCP

**Postoperative Crises**  
David L. Bowton, MD, FCCP

**RENAL, ENDOCRINE, AND METABOLISM**

**Acute Kidney Injury and Approach to Acid-Base Disorders**  
Brian K. Gehlbach, MD

**Electrolyte Disorders**  
Jason Poston, MD

**Endocrine Emergencies**  
John F. McConville, MD

**Hypothermia/Hyperthermia and Rhabdomyolysis**  
Janice L. Zimmerman, MD, FCCP

**Nutrition**  
Brian K. Gehlbach, MD