1. **CARDIOVASCULAR DISORDERS**
   - Acute coronary syndrome
   - Post-cardiac surgery

2. **ENDOCRINOLOGIC DISORDERS**
   - Glucose management
   - Hyperglycemic emergency

3. **GASTROINTESTINAL DISORDERS**
   - Cirrhosis
   - Gastrointestinal bleeding
   - Hepatorenal syndrome

4. **HEMATOLOGIC DISORDERS**
   - Heparin-induced thrombocytopenia
   - Coagulopathy

5. **INFECTIOUS DISEASES**
   - Intraabdominal infection
   - Pneumonia
   - Sepsis/systemic inflammatory response syndrome (SIRS)

6. **NEUROLOGIC DISORDERS**
   - Intracranial hemorrhage

7. **NUTRITION AND NUTRITIONAL DISORDERS**
   - Nutrition support
   - Refeeding syndrome

8. **ONCOLOGIC EMERGENCIES**
   - Febrile neutropenia
   - Hypercalcemia of malignancy
   - Tumor lysis syndrome

9. **RENAL DISORDERS**
   - Acid-base abnormalities
   - Acute renal injury
   - Electrolyte abnormalities

10. **RESPIRATORY DISORDERS**
    - Acute respiratory distress syndrome (ARDS)

11. **TOXICOLOGY**
    - Alcohol withdrawal

12. **MISCELLANEOUS CRITICAL CARE TOPICS**
    - Fluid management/volume resuscitation and hemostasis
    - Pain, agitation, and delirium
    - Shock
    - Targeted temperature management
    - Trauma

13. **OTHER TOPICS**
    - Medication safety
    - Practice administration and development
    - Regulatory and IRB considerations
    - Research design, evidence-based medicine, and statistical analysis
1. ALTERATIONS IN PHARMACOKINETICS AND PHARMACOKINETICS IN CRITICAL CARE
2. CARDIAC ARRHYTHMIAS AND ADVANCED CARDIAC LIFE SUPPORT
3. NUTRITION, FLUIDS, AND ELECTROLYTES
4. PHARMACOTHERAPY CONSIDERATIONS IN THE MANAGEMENT OF SHOCK
5. SELECT NEUROLOGY TOPICS IN CRITICAL CARE PATIENTS
   • Ischemic stroke
   • Status epilepticus
   • Subarachnoid hemorrhage
   • Traumatic brain injury
6. SELECT TOPICS IN ACID BASE DISORDERS
7. SELECT TOPICS IN INFECTIOUS DISEASES
   • Line infections
   • Meningitis
   • Urinary tract infections
8. SELECT TOPICS IN PREVENTION AND SUPPORTIVE CARE IN CRITICAL CARE PATIENTS
   • Stress ulcer prophylaxis
   • Venous thromboembolism prophylaxis
   • Ventilator-associated pneumonia prevention
9. SELECT TOPICS IN PULMONARY DISORDERS
   • Asthma exacerbation
   • COPD exacerbation
   • Pulmonary embolism
10. SELECT TOPICS IN TOXICOLOGY
11. STATISTICS, EVIDENCE-BASED MEDICINE, AND CLINICAL TRIAL DESIGN