

Critical Care Pharmacy Specialty Review and Recertification Course



Therapeutic Topics Discussed During Patient Cases

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

ASHP Critical Care Pharmacy Core Therapeutic Module Package



Included ONLY in the Premium Package

- 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**