

"سرفصل های آزمون از کتاب critical care pharmacy ویرایش 2023"

1. Fluids, Electrolytes, Acid-Base Disorders, and Nutrition Support

- Fluids and Electrolytes
- Acid-Base Disorders
- Nutrition Support

2. Infectious Diseases I

- Ventilator-Associated Pneumonia
- Central Line–Associated Bloodstream Infections
- Influenza
- Catheter-Associated Urinary Tract Infections
- Complicated Intra-abdominal Infection
- Acute Pancreatitis
- Clostridioides difficile Infection
- Wound Infection
- Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis
- Novel Severe Acute Respiratory Syndrome Coronavirus 2

3. Infectious Diseases II

- Quality Improvements
- Bacterial Meningitis
- Interpreting Susceptibility Reports
- Mechanisms of Antibacterial Resistance and Treatment of Multidrug-Resistant Pathogens
- Immunocompromised Patients
- Antifungal Therapy

4. Cardiovascular Critical Care I

- Cardiovascular Fundamentals Overview

- Hemodynamic Management and the Heart
- Cardiogenic Shock
- Acute Coronary Syndromes
- Arrhythmias and Antidysrhythmics
- Heart Failure
- Valvular Heart Disease

5. Cardiovascular Critical Care II

- Advanced Adult Cardiac Life Support
- Hypertensive Crisis

6. Neurocritical Care

- Hyponatremia
- Hypernatremia
- Status Epilepticus
- Central Nervous System Infection
- Intraventricular Antibiotic Administration
- Intracranial Pressure Treatment
- Paroxysmal Sympathetic Hyperactivity ("Storming")
- Acute Ischemic Stroke
- Intracerebral Hemorrhage
- Subarachnoid Hemorrhage
- Acute Spinal Cord Injury
- Brain Tumors
- Critical Illness Polyneuropathy/Guillain-Barré Syndrome
- Myasthenia Crisis
- Serotonin Syndrome

7. Supportive and Preventive Medicine

- Key Aspects in the General Care of All ICU Patients
- Stress Ulcer Prophylaxis
- Prophylaxis Against Deep Venous Thrombosis or Pulmonary Embolism
- End-of-Life Care

8. Shock Syndromes I: Introduction, Vasodilatory, and Sepsis

- Monitoring Techniques
- Differentiation of Shock States
- Resuscitation Parameters and End Points
- Agents to Treat Shock – Fluids and Vasoactive Agents
- Vasodilatory and Distributive Shock
- Sepsis

9. Shock Syndromes II: Hypovolemic, Critical Bleeding, and Obstructive

- Hypovolemic Shock
- Obstructive Shock

10. Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption and Neuromuscular Blockade in Adult Intensive Care Unit Patients

- Pain in the ICU
- Agitation in the ICU
- Delirium in the ICU
- ABCDEF Bundle
- Post-Intensive Care Syndrome
- Neuromuscular Blockade in the ICU

11. Pulmonary Disorders I

- Acute Respiratory Distress Syndrome

12. Pulmonary Disorders II

- Asthma Exacerbation
- Acute Chronic Obstructive Pulmonary Disease Exacerbation

13. Toxicology

- Epidemiology
- Emergency Evaluation and Management
- Gastric Decontamination/Enhanced Elimination
- Acetaminophen
- Salicylates
- Opioids
- Loperamide
- Alcohols (Methanol and Ethylene Glycol)
- Alcohol Withdrawal
- β -Blockers and Calcium Channel Blockers
- Digoxin
- Antidepressants
- Atypical Antipsychotics
- Lithium
- Oral Hypoglycemics
- Drugs of Abuse