

Sepsis Micro-Credential Test Plan

I. Patient Problems (*Initial - Causes and Concurrent Problems - Sequelae*) (40%)

- Altered mental status
- Hyperthermia/Hypothermia
- Hypotension and hypoperfusion
- Dysrhythmias
- Respiratory failure
- Acute respiratory distress syndrome (ARDS)
- Coagulopathies (e.g., DIC, thrombocytopenia)
- Endocrine/Metabolic dysfunction (e.g., insulin resistance, adrenal insufficiency, hyperlactatemia)
- Liver dysfunction
- Gastrointestinal dysfunction (e.g., peritonitis, increased intestinal permeability or “gut leak”)
- Renal dysfunction
- Skin dysfunction (e.g., wounds, rash)
- Multiple organ dysfunction syndrome (MODS)
- Urinary tract infection (UTI)
- Leukopenia, leukocytosis, and bandemia
- Infection (e.g., positive blood cultures, endocarditis, MDRO)
- Acid-base disorders
- Shock states (septic, hypovolemic, cardiogenic, obstructive)

II. Therapeutic Interventions and Modalities (35%)

- Antimicrobial therapy (treatment, antibiotic stewardship)
- Fluid replacement
- Vasopressors
- Glycemic control, steroids
- Nutritional therapy
- Supplemental oxygen therapies (invasive and non-invasive strategies)
- Source control (surgical, non-surgical)

III. Monitoring and Safety (25%)

- Cardiopulmonary monitoring
- Diagnostic testing (e.g., labs, cultures, ABG, radiology)
- Focused physical assessments (e.g., vital signs, I&O, skin, capillary refill)
- Sepsis screening tools
- Alarm detection and management
- Post-sepsis syndrome
- Patient/family sepsis education and decision-making
- Performance improvement for sepsis quality indicators

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Disclaimer: Successful completion of this exam does not increase your scope of practice.

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