

## **Infectious Diseases Goals and Objectives**

### **Medical Knowledge**

The resident should be able to:

1. Gain knowledge in the indications and usage of hematologic and radiologic techniques for evaluation, diagnosis, and management of common infectious disease.
2. Gain knowledge in the utility of procedures for specimen collection relevant to infectious disease including but not limited to bronchoscopy, thoracentesis, paracentesis, arthrocentesis, lumbar puncture, aspiration of abscesses.
3. Gain knowledge in culture procurement and techniques for identification of bacteria, microbacteria, fungi, viruses, and parasites.
4. Become skilled in appropriate use of antimicrobials for common infections being particularly cognizant of techniques to reduce antimicrobial resistance through appropriate antibiotic use.
5. Discuss the prevention, evaluation, diagnosis, and management for the following disorders:
 

a. Fever of unknown origin	k. Viral hepatitis
b. UTI – acute/chronic/recurrent	l. Sepsis syndromes
c. Peritonitis	m. Ventilator acquired pneumonia
d. Diverticulitis	n. Diarrhea/Travelers Diarrhea
e. CAP	o. HIV
f. Nosocomial infections	p. Pelvic infections
g. Infective endocarditis	q. Post surgical infections
h. CNS infections	r. MRSA
i. Skin and soft tissue infections	s. VRE
j. Osteomyelitis	t. Tuberculosis

### **Patient Care**

The resident should be able to:

1. Give oral and written presentations to attendings in an organized, concise, accurate manner that include differential diagnoses and management plans.
2. Demonstrate principles of patient autonomy, confidentiality, and informed consent.
3. Develop and demonstrate ability to work in an organized, efficient manner in assessing and triaging patients according to urgency.
4. Use laboratory tests appropriately in delivering patient care.

### **Interpersonal Communication Skills**

The resident should be able to:

1. Effectively communicate with attendings and other healthcare members as a team in coordinating comprehensive healthcare.
2. Effectively communicate medical decisions and recommendations to colleagues and patients.
3. Discuss and demonstrate strategies to discuss sensitive subjects with patients.
4. Demonstrate effective, compassionate and empathetic communication with patients and families while considering psychosocial, economic, and cultural issues of care.

### **Systems-based Practice**

The resident should be able to:

1. Demonstrate effective, compassionate and empathetic communication with patients and families while considering psychosocial, economic, and cultural issues of care.
2. Utilize ancillary services to provide cost-effective and economically appropriate medical treatments.

### **Practice-based Learning and Improvement**

The resident should be able to:

1. Appraise and assimilate scientific evidence to guide improvement in patient care.
2. Incorporate formative evaluation feedback into daily practice.
3. Use information technology to optimize learning.

### **Professionalism**

The resident should be able to:

1. Present themselves professionally in regards to dress, punctuality, and interactions with patients, families, and all medical care providers.
2. Demonstrate compassion, integrity, and respect for others.
3. Demonstrate respect for patient privacy and autonomy.

4. Apply the principles of medical ethics to decision making.

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Resident

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Faculty

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Date