

INFECTIOUS DISEASES

Credit: All

Location: LAC+USC Medical Center

Revised: 02/09

Applications will be accepted beginning February 1st of Year III on a first-come, first-serve basis

PREREQUISITE: Medicine I clerkship

DURATION: 4 to 6 weeks

DATES OFFERED: All Year

Rotations scheduled: to begin any Monday

NUMBER OF STUDENTS: 3

VISITING STUDENTS: Yes

INSTRUCTION:

40% Supervised Patient Care

30% Attending Rounds/Small group discussion

10% Lectures

30% Independent Study

SUPERVISION:

50% Fellows

50% Faculty

COURSE OBJECTIVES:

Students will be able to:

1. Discuss the differential diagnosis of common clinical presentations: diarrhea, fever with a rash, sputum production, and pulmonary infiltrates.
2. Discuss the principles of disease prevention in a hospital setting and the types of precautions used to prevent the spread of contagious diseases.
3. Describe the use of antibiotic sensitivity testing and serum levels of antibiotics.
4. Describe and appropriately utilize different serologies for the testing for infectious diseases.
5. Discuss the diagnosis, management, and prevention of the following diseases: endocarditis, meningitis, brain abscess, common sexually transmitted diseases, urinary tract infections, hospital acquired infections, sepsis syndrome and septic shock.
6. Discuss the types of diseases produced by the following organisms and their diagnosis and management: fungi, Rickettsia and parasites
7. Describe the appropriate preventative therapy for tetanus and rabies.
8. Discuss the recommended immunizations for adults, including those who are immunocompromised.
9. Discuss the evaluation and management of patients newly identified with HIV infection.
10. Describe the common opportunistic infections associated with HIV infection, their diagnosis, treatment, and prevention.

DESCRIPTION:

Mornings will be dedicated to seeing new and follow-up consultations, literature reviews directed to patient problems, and teaching sessions with the infectious disease sub-specialty fellow. Faculty rounds begin at 2:00 p.m. where all new and follow-up cases will be presented and discussed. Formal didactic teaching sessions also take place with the faculty.

EVALUATION:

At the start of the rotation, students will receive an orientation handout that provides the expectations for their performance. The attending faculty member will discuss the student's performance with the student at the mid-point and end of the scheduled rotation. The attending faculty member will complete the final student evaluation.