General Description of the Rotation including educational purpose

To acquire medical knowledge and clinical skills in infectious diseases appropriate for an internist in both ambulatory and hospital-based settings. Residents will participate in direct patient care, problem-based learning, and learn to interpret laboratory tests and microbiological data frequently used in the evaluation and management of infectious diseases.

Resident/Intern Responsibilities

The resident should be able to formulate a differential diagnosis on the basis of clinical findings and pertinent laboratory values and microbiological data.

The resident should learn how to interpret specialized laboratory testing frequently used in infectious disease assessment including serology testing and microbiological data.

Residents should acquire an exposure to the basic immunological and microbiological concepts necessary to appreciate the pathophysiology of infectious diseases.

In order to achieve the goals and objectives for the teaching program the following experiences have been established for the purpose of teaching medical residents. These include: A) the inpatient infectious disease experience, B) the ambulatory infectious disease experience, C) interaction with other clinical specialties, D) didactic conferences, E) case conferences, F) medical society participation: residents may participate in monthly infectious disease city-wide case conferences (GWIDS) and G) participation in monthly Journal Club.

Attending hospital walk rounds
Rounds start every day at 1:30 PM at GWU hospital’s radiology department.

Presentation
Each rotating resident should prepare cases for presentation along with literature review and presentation of relevant data.

Level of Supervision
The infectious disease experience is based upon an apprenticeship-style of teaching. An attending sees every patient that a resident sees. The resident is expected to communicate his or her findings and suggestions (after being staffed by an attending) directly to the referring physician or team.
Educational Objectives by PGY year and Core Competencies

- **Patient Care (please be specific to your rotation)**
  
  **PGY-1:**
  
  **Goal**
  Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

  **Competency**
  Health promotion skills

  **Objectives**
  Complete a minimum of 10 supervised hospital consultations and 5 supervised outpatient new patient evaluations, as well as supervised care in the continuity clinic. Skill = clinical judgement, information gathering and communicating, effective management of patient illness.

  **PGY-2:** Same.

  **PGY-3:** Same.

- **Medical Knowledge (please be specific to your rotation)**
  
  **PGY-1:**
  
  **Goal**
  Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care.

  **Competencies**
  Scientific understanding

  **Objectives**
  c. Attend monthly Journal Club. Skill = same as above, analytic thinking.
  d. Attend monthly microbiology conference: Skill = self-improvement, life long learner

  **PGY-2:** Same.

  **PGY-3:** Same.

- **Practice-Based Learning (choose from below)**

  - Identify strengths, deficiencies and limits in one’s knowledge and expertise;
  - Set learning and improvement goals.
  - Identify and perform appropriate learning activities.
  - Systematically analyze practice, using quality improvement methods, and implement changes with the goal of practice improvement.
  - Incorporate formative evaluation feedback into daily practice.
Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems.

Use information technology to optimize learning.

Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners.

- System-Based Practice (choose from below)
  - Work effectively in various health care delivery settings and systems relevant to their clinical specialty.
  - Coordinate patient care within the health care system relevant to their clinical specialty.
  - Incorporate considerations of cost awareness and risk-benefit analysis in patient care.
  - Advocate for quality patient care and optimal patient care systems.
  - Work in interprofessional teams to enhance patient safety and improve patient care quality.
  - Participate in identifying systems errors and in implementing potential systems solutions.

- Professionalism (choose from below)
  - Compassion, integrity, and respect for others
  - Responsiveness to patient needs that supersedes self-interest
  - Respect for patient privacy and autonomy
  - Accountability to patients, society, and the profession
  - Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

- Interpersonal Skills and Communication (choose from below)
  - Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
  - Communicate effectively with physicians, other health professionals, and health related agencies
  - Work effectively as a member of leader of a health care team or other professional group
  - Act in a consultative role to other physicians and health professionals
  - Maintain comprehensive, timely, and legible medical records

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**Teaching Methods (Check all that apply)**

- Attending teaching rounds
- Patient Management Discussions
- Conferences
- Individual instruction of procedures
- Interdisciplinary Rounds
- Small-group discussion
- Bedside Rounds
Review of diagnostics including radiology

Teaching Materials (check all that are used during the rotation)

- Reading list (required)
- Radiologic studies
- Handouts
- Pathology material
- Articles from the literature
- Case Studies

Methods used to Evaluate Residents (check all that apply)

- Evaluation of Resident
- Observation of Resident’s competency
- Observation of Resident’s leadership and teaching skills
- Review of Resident’s documentation – history/physical, progress notes
- Attendance or rounds and conferences are monitored

Conferences (please list date, time, location)

Academic conference takes place weekly on Thursdays at 8 AM. Conference is held at the VA Medical Center in Washington DC. There are weekly case conferences and bi-monthly didactic lectures. There is a monthly Journal Club.

Clinics (please list date, time, location)

Clinics begin at 8:30 AM. Residents are encouraged to attend 2-3 morning clinics prior to hospital rounds. Infectious disease clinic is located on the ground floor of the ACC building.

Reading List

Harrison’s Principles of Internal Medicine; 16th edition, section on Infectious Diseases
(alternatively Cecil Textbook of Medicine, Infectious Disease section)

MKSAP 14, Infectious Disease Medicine

Web Resource:

Infectious Disease Society of America web site, provides practice guidelines for diagnosis and treatment of infectious diseases, http://www.idsociety.org

CDC website, http://cdc.gov