

INFD 4004: ADULT INFECTIOUS DISEASES — MEMORIAL HERMANN SOUTHWEST 2008-2009

Requires drop/add code

Faculty In Charge Of Course:	Drs. Cleary and Ericsson
Participating Faculty:	Dr. Vartian (713-777-7752)
Location:	Memorial Hermann Southwest Hospital
Offered:	Each period
Max. # Students/Period:	2

Course Objective**Material Covered & Skills to be Acquired:**

To become familiar with the basic concepts of microbial-host interaction considering host (age, debility, immune deficiency, foreign body), and microbial factors (dose, virulence). The student must be able to prepare a differential diagnosis, develop a diagnostic approach and know the appropriate therapy for the patient with: meningitis, endocarditis, a pulmonary infiltrate, upper respiratory infection, "sepsis" urinary tract infection, pelvic infection, cellulitis, fever of unknown origin, syphilis, and gonorrhea.

To obtain a working knowledge of antimicrobial therapy as applied to office practice, hospitalized patients, and the compromised host.

To understand the processing of biological materials for culture including blood, urine, pus, cerebral spinal fluid, and sputum and to be able to identify common bacterial pathogens including group A Streptococcus, Streptococcus pneumoniae, Staphylococcus aureus, Hemophilus influenzae, Escherichia coli, Pseudomonas, Salmonella, and Shigella. To understand the value and limitations of anaerobic bacteriology and clinical virology.

Activities Of Elective

Number Of New Patients/Student/Week: 3-5

Responsibilities Of Student For Assigned Patients:

Does history/physical:	Yes
Who critiques:	Attending
Follows patients, with appropriate notes as needed:	Yes
Who supervises:	Attending
Does student see ambulatory patients:	No

Scheduled Duties of Student:

Frequency of rounds on patients:	Daily
Presents patients to preceptor or attending physician:	Yes
Weekly schedule of required teaching sessions:	See below (Unique Features of this Elective)

Describe Optional Rounds And Activities, If Any:

None

Other Required Activities:

Reading/review of current literature:	Yes
Writing or Presenting a paper:	No

How Is Student Evaluated:

Based on oral examination and daily performance

Who Evaluates Students:

Attending staff

Unique Features Of This Elective:

Each student will work-up patients on the adult infectious diseases consult service and present these patients to the staff. The schedule at Memorial Southwest includes daily consultative teaching rounds and informal discussions; call schedule as necessary.

Attendings present about 8 lectures per week, totaling 8-12 hours per week.

1 one-hour student presentation.