

Course:	<u>Infectious Disease</u>	<u>PED 1201</u>
Department:		Pediatrics
Course:		Infectious Disease (12-01)
Faculty Coordinator:		George McCracken, M.D.
Hospital:		Children's Medical Center/ Parkland Health and Hospital System
Periods offered:		All
Length:		4 weeks
Max no. of students		2 (3 by special permission)
Phone:		214-648-3720
Fax:		214/648-2961
First Day Contact:		ID Fellow on call, Bp 972-206-9181
First Day Place:		Come to ID office (F3.202)
First Day Time:		8:30 a.m.
Prerequisites:		3 rd year Pediatric Clerkship

- I. **Course Objectives:** To gain
- A. Experience with diagnosis and management of infections in neonates, infants and children.
 - B. Familiarity with rationale for selection of antimicrobial agents.
 - C. Insight into issues related to infection control practices in hospitalized patients.
- II. **Course Goals and Objectives:** (Based on ACGME competencies for resident education and modified for medical student education)

Patient Care

Manage infectious disease patients under fellow and attending physician supervision. Patient care should be in a compassionate, appropriate and effective manner for treatment of health problems and promotion of continuity of care.

Objectives: Students are expected to

- Follow their own patients and be responsible for these patients at a level commensurate with their training.
- Collect, assemble and interpret relevant history and physical findings.
- Create and maintain complete and accurate medical records.
- Evaluate diagnostic studies pertinent to the infectious disease patient.
- Participate in the management of the patient's problem in the hospital.
- Communicate with the other health care professionals and referring physicians.

Medical Knowledge

Become familiar with the major pediatric diagnoses requiring hospital care and infectious disease consultation, which promote the development of clinical problem-solving skills.

Objective: Students are expected to

- Demonstrate knowledge that would allow for independent assessment and appropriate problem solving skills of hospitalized pediatric patients.
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- Demonstrate knowledge in the management of inpatients with infectious diseases.

Practice-Base Learning and Improvement

Students must be able to assimilate scientific evidence to improve their patient care practices.

Objective: Students are expected to

- Demonstrate proper evidence based decisions.
- Demonstrate appropriate use of educational resources for self-education, including medical literature and on-line medical information.

Interpersonal and Communication Skills

Students must be able to demonstrate interpersonal and communication skills that results in effective information exchange with healthcare professionals and families.

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Objective: Students are expected to

- Give case presentations in a clear, concise, organized and relevant manner.
- Communicate appropriate information to the family (and patient) concerning management and clinical course.
- Be an integral member of the medical care team and exchange information effectively with other health care professionals.

Professionalism

Students must demonstrate attitudes and professional behavior appropriate for clinical practice, which encompass professional responsibilities, adherence to ethical principles and sensitivity to diverse patient populations.

Objective: Students are expected to demonstrate

- Accurate representation of data

- Ethically sound decisions
- Professional appearance
- On time attendance at rounds and conferences
- Respect for patients' confidentiality
- Mature behavior
- Sensitivity to culture, genders and disabilities

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III. **Methods of Instruction:**

A) **Didactic** (schedule, topic, faculty)

- Structured conferences 2-3 times weekly with ID fellows on infectious disease topics.
- Attend seminar and conference presentations.
- Faculty: George H. McCracken, Jr., Monica Fonseca-Aten, Michelle Gill, R. Doug Hardy, Hasan S. Jafri, Octavio Ramilo, Pablo J. Sanchez, Jane D. Siegel.

B) **Clinical** (schedule, faculty teaching, housestaff teaching)

- Daily consultation rounds with faculty, residents and fellows
- Weekly seminar, follow-up rounds
- Daily intake conference at Children's (Optional)
- Noon conference at Children's (optional)
- Bi-weekly City-Wide Infectious Disease Conference

C) **Student responsibilities** (and to whom accountable)

- Student spends morning working-up case(s) for presentation at Infectious Disease rounds. Rounds are at 10:00 am on Tuesdays, Thursdays, and Fridays, 1:00 pm on Mondays, and 9:30 am on Wednesdays. An ID fellow is available to student at all times.
- Assigned reading on selected topics
- No night call or weekend responsibilities

IV. **Method of evaluation of student:**

- During the rotation, the attending faculty member discusses the student's performance with him or her.
- Students are given a form to write the evaluation of the elective experience.