

Title of Clerkship: **Elective in Antimicrobial Stewardship & Vaccinations in Pediatrics- Rocket Pediatrics, Mercy Children's Hospital & Toledo Children's Hospital**

Elective Year(s): Fourth Year Elective

Department: Pediatrics

Type of Elective: Clinical X Non-Clinical/Research _____ Basic Science _____

Clerkship Site: St Vincent Mercy Children's Hospital Medical Outpatient Building 2 Suite 2300

Course Number: PEDS 732

Blocks Available: All – permission required

Number of Students/Block: 1

Faculty: Deepa Mukundan, MD - 419.251.8039 ph 251-7715 fax

Elective Description/Requirements: The student will be taught about the appropriate use of antimicrobials and antimicrobial resistance. The student will gain clinical skills on the management of antimicrobial therapy in the inpatient and outpatient setting. The student will develop an understanding on the use of vaccinations in children and adolescents. This elective should be of considerable practical value to the student planning a career in both primary care and sub-specialty care.

Length of Clerkship: 2 weeks

Links to EPO's: Educational Course Objectives:

- K6, K7 Explain the rationale for use of vaccines in children and adolescents.
- K3, K6 Discuss the use of antibiotic agents based on disease presentation.
- K6, K8 Develop an appropriate antibiotic management plan for infectious disease presentations in pediatric patients in the inpatient and outpatient setting.
- S3, S4, S5 Give appropriate clinical presentations for patients consulted on the pediatric infectious disease service.
- S7, S8 Interpret laboratory data to determine the best antimicrobial therapy for a patient.

Professionalism: UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives and the current Educational Course Objectives for the Sponsoring Department.

Instructional Methods: Ambulatory Care Experience
Clinical case presentations/discussions
Inpatient rounds
Interpretation of lab data
Lab - Microbiology

Evaluation Methods: 1. Attendance
2. Faculty/Resident observation and assessment of clinical skills
3. Clinical log

Prerequisites: Successful completion of required third year Pediatric clerkship.

Clerkship Director: Mary Beth Wroblewski, MD

Clerkship Coordinator: Theresa Imre
Phone Number: 419-383-6679
Email: Theresa.imre@utoledo.edu

Special Requirements: None

AAMC Hot Topics Addressed in this Elective Clerkship:

- 4. Clinical Microbiology
- 5. Clinical Problem Solving/Decision Making
- 7. Community Health
- 27. Patient Health Education

38. Environmental Health
46. Immunization

Approved by ECC
March 25, 2015