

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

**Elective Type:** Fourth Year Elective  
**Department:** Pediatrics

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

**Course Number:**

**Blocks available:** All – permission required  
**Number of students per 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 EPOs**      **Educational Course Objectives:**

MK7, MK9, MK12, SBP3      Explain the rationale for use of vaccines in children and adolescents.

MK5, MK6      Discuss the use of antibiotic agents based on disease presentation.

PC7, PC8      Develop an appropriate antibiotic management plan for infectious disease presentations in pediatric patients in the inpatient and outpatient setting.

MK2-5, PC1-2, PC4, PC7-8      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:** PB1-8      UT/COM students will meet or exceed the institutional standards for professionalism.

**Instructional Methods:**

1. Ambulatory Care Experience
2. Clinical case presentations/discussions
3. Inpatient rounds
4. Interpretation of lab data
5. Lab - Microbiology

**Evaluation methods employed:**

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:** Rajat Kaul, M.D.

**Clerkship Coordinator:** Joseph Osinski  
**Phone Number:** 419-291-0377  
**Email:** Joseph.osinski@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