Pediatric Infectious Diseases

**Course Name:** Pediatric ID

**Academic Chief:** Nael (Mohammad) Mhaissen, MD

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**Location:** Valley Children’s Hospital

**Course Description:** The student will develop the skills and habits to be able to take a comprehensive history and physical from patients with suspected pediatric infections and develop tools for independent learning needed to assist a clinician when dealing with pediatric infections. Students will become familiar with the pathophysiology, diagnosis, treatment and prognosis of many pediatric infectious diseases. They will also become familiar with the role of the pediatric ID specialist within the community.

The rotation will consist of both inpatient consultations and outpatient clinic experiences.

**This rotation offers a unique clinical learning environment with interprofessional education supporting a diverse, underserved patient population.**

**This elective is eligible for Visiting Student Advocacy & Outreach scholarship. Please check valleychildrens.org/scholarship for details.**

**Course duration:** 4 weeks

**Goals and Objectives:**

- Understand the pathogenesis and pathophysiology, and demonstrate the treatment of the most common pediatric infectious diseases, infectious complications in the immunocompromised host and neonatal infections.

- Interpret microbiological data, indications and interpretations of special studies and utilization of the microbiology laboratory.
• Gather data and perform a physical exam directed towards the detection and management of various pediatric infectious diseases.

• State the rationale behind antibiotic choice for empiric coverage of children with suspected infections.

• State the risk factors associated with common pediatric infections.

• Delineate the risks and complications associated with antibiotic use.

**Daily Schedule:** 7:30am morning report followed by clinical duties according to the attending physician.

**Report Instructions:** Report to GME office for orientation at 8:00am on the first day of rotation, and then report to the infectious disease clinic.

**Elective travel requirements between sites:** None

**Equipment Needed:** Stethoscope

**Call Requirements:** None

**Special Requirements:** None