Pediatric Intensive Care Unit

**Course Name:** Pediatric Intensive Care Unit

**Clerkship Director:** Andrew Kim, MD

**UME Director:** Deepika Singh, MD

**Point of Contact:** UME@valleychildrens.org

**Phone:** 559-353-5141

**Location:** Valley Children’s Hospital

**Course Description:** The student rotating on this elective will achieve an understanding of the basics of the critically ill infant and child with specific emphasis on cardiovascular and pulmonary physiology, initial assessment, stabilization and management. Students will participate on a daily basis with patient presentations, didactics, and teaching rounds. A robust curriculum of online modules with key critical care medicine topics are also available for individualized education.

**Course Duration:** 4 weeks

**Goals & Objectives:**

- Demonstrate a basic approach to the critically ill infant and child.
- Demonstrate accurate and timely assessment of the critically ill child.
- Demonstrate basic understanding of hemodynamic and respiratory pathophysiology.
- Implement a basic management strategy for the critically ill pediatric patient.
- State the basics of fluid resuscitation and medical management of shock.
- State the basics of mechanical ventilation.
- Demonstrate the ability to integrate the related knowledge of pathophysiology to unique clinical challenges presented in the initial evaluation and management of critically ill pediatric patients.
- Describe the fundamentals of palliative care and its relevance in the PICU setting
- Learn indications for PICU admission and how to disposition PICU patients.
- Gain experience applying pediatric advanced life support.
- Learn basic interpretation of laboratory findings and use them to help guide patient management.
• 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.**

**Daily Schedule:**

- 6:00am to 6:00pm shifts Monday through Saturday.
- 7:30am - Sign-out from resident and pre-round on existing and new patients.
- 9:00 a.m. - Rounds w/ attending
- Afternoon – Follow up on plans
- 6:00pm – Sign-out to night team

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

**Elective travel requirement between sites:** None

**Equipment Needed:** Stethoscope, Lab coat

**Call Requirements:** None

**Special Requirements:** Completion of Internal Medicine and Pediatric core rotations prior to the rotation.