

ELECTIVE NAME:

Pediatric ICU/Critical Care

COURSE NO:

PHD 601

PREREQUISITE:

Required Pediatric Clerkship

INSTITUTION:

Helen DeVos Children's Hospital

FACULTY: Drs. S. Curtis, R. Fitzgerald, R. Hachbaite, N. Hassan, J. Kopec, N. Maxvold, D. Sanfilippo, M Stoiko, J. Windes

OBJECTIVES:

Designed to allow students to participate in all aspects of intensive pediatric care including assessment, diagnosis, monitoring and intensive management of life threatening illness. Will participate in management of relatively complex post-op open heart patients and will assist in performing support procedures, i.e., arterial lines, CVP lines, intubation, etc. To familiarize student with coma evaluation, physiology of brain injury, and therapies directed at ICP control; To use monitoring devices and to participate in manipulating oxygen delivery in shock and other disease states; To evaluate therapy on the basis of physiologic effect; also to consider the dangers involved and advantages of adequate nutritional support in the critically ill patient.

DESCRIPTION:

General Goal: To acquire a working familiarity and knowledge of the pathophysiologic processes which lead to critical illnesses in pediatric age patients and the physiological basis of the treatment of these disease processes through clinical case experience and outside readings. Inpatient: 100%

Responsibilities would include:

- Daily teaching and work rounds with pediatric intensivist attendings.
- Initial evaluation of new inpatient consultations with development of differential diagnosis and plan for evaluation and therapy. These will be staffed promptly with the attending.
- Initial evaluation of new patients who are admitted to the Pediatric Critical Care Service in the Intensive Care Unit.
- Daily follow-up and complete progress notes on assigned inpatients in the Pediatric Intensive Care Unit
- Attendance and participation in Pediatric Critical Care lectures.
- Participation with the pediatric residents in sign-out rounds which will be staffed by the pediatric intensivists.
- Complete assigned reading on topics to be discussed with pediatric intensivists as well as some general reading in pediatric critical care and physiology. Utilize self-instructional units when available. Reading on assigned patients is also expected.
- Brief presentations on topics on a weekly basis which will be reviewed with the pediatric intensivist who is attending in the unit at that time.

EVALUATION: Students will be evaluated on quality of presentations, Clinical performance, and application of knowledge. Preceptor(s) will be asked to submit a written evaluation at the conclusion of the clerkship. Faculty are encouraged to provide ongoing feedback throughout elective rotations.