

Sign-up Codes: Requires drop/add code

Faculty In Charge Of Course:	Sophia Tsakiri, M.D. <i>Sophia.Tsakiri@uth.tmc.edu</i>
Participating Faculty:	Division of Neonatology
Location:	LBJ General Hospital and Memorial Hermann Children's Hospital -- Level III Intensive Care Nursery
Offered:	Each period
Max. # Students/Period:	2: 1 at CMH and 1 at LBJ

Course Objective**Material Covered:**

The student will achieve improved understanding of the physiology of the perinatal period including the process of normal transition from intrauterine life and physiology of disorders inherent in disruption of this normal transition.

Skills Acquired:

The student will gain expertise in managing both surgical and medical problems of the neonate. This will include experience in resuscitation of the newborn, management of respiratory distress requiring mechanical ventilation, improved understanding of the role and management of nutritional problems in the critically ill neonate, and fluid and electrolyte disorder management.

Activities Of Elective

Number Of New Patients/Student/Week: 2 - 5

Responsibilities Of Student For Assigned Patients:

Does history/physical:	Yes
Who critiques:	Attending
Follows patients, with appropriate notes as needed:	Yes
Who supervises:	Attending
Does student see ambulatory patients:	No

Procedures	Observe	Perform
Lumbar puncture	X	X
Arterial blood gases	X	X
Peripheral IV's	X	X
Umbilical arterial catheter placement	X	X
Chest tube placement	X	X

Scheduled Duties of Student:

Frequency of rounds on patients:	Daily
Presents patients to preceptor or attending physician:	Yes
Weekly schedule of required teaching sessions:	Daily work rounds, attending rounds, sign-out rounds, in-house calls

Describe Optional Rounds And Activities, If Any:

Noon conferences; grand rounds

Other Required Activities:

Reading/review of current literature:	Yes
Writing or Presenting a paper:	No

How Is Student Evaluated:

The student will be evaluated by the attending physician who provided the daily supervision on the basis of participation in patient care, acquisition of management skills, and knowledge acquired during the rotation.

Who Evaluates Students:

Attending physician

Unique Features Of This Elective:

Acting internship both at Memorial Hermann Children's Hospital and LBJ Hospital offer valuable learning opportunities for the students.