

Faculty In Charge Of Course:	Mary Rabb, M.D.
Participating Faculty:	All Anesthesiology Faculty
Location:	Memorial Hermann Hospital/MDAH/LBJ Hospital
Offered:	each period
Max. # Students/Period:	7 (only 3 in July & August)

Course Objective

Material Covered:

The student will be exposed to the basic science (physiology/pharmacology) of the specialty as well as to clinical practice. The student, under the supervision of faculty and resident anesthesiologists, will evaluate patients preoperatively, administer anesthetics, and follow patients immediately postoperatively. Limited exposure to anesthetic subspecialties is available by special arrangement. Students will learn airway management by all methods and intravenous line placement. Students may have the opportunity to place central and arterial lines and perform regional anesthetic procedures.

Activities Of Elective

Number Of New Patients/Student/Week: 6-15 (No long-term follow-up after anesthesia post-op visit)

Responsibilities Of Student For Assigned Patients:

Does history/physical:	Yes, pre-op evaluation of patients
Who critiques:	Course coordinator, resident preceptor, and faculty
Follows patients, with appropriate notes as needed:	Not usually
Who supervises:	Resident preceptor and faculty
Does student see ambulatory patients:	Yes (SADS and DSU patients pre-op)

Procedures	Observe	Perform
Airway management	X	X*
Endotracheal intubation	X	X*
Peripheral IV placement	X	X*
General Anesthesia	X	X*
Regional Anesthesia	X	X*
Arterial Catheterization	X	X*
Central line placement	X	X*
		<i>*Selectively & supervised</i>

Scheduled Duties Of Student:

Frequency of rounds on patient:	Not applicable
Presents patients to preceptor or attending physician:	Yes
Weekly schedule of required teaching sessions:	See below. In-house call with resident preceptor; day off post call.

Describe Optional Rounds And Activities, If Any:

Optional attendance at regularly scheduled weekly resident seminars. Mandatory attendance at Thursday morning grand rounds (with resident preceptors).

Other Required Activities:

Reading/Review of Current Literature:	Anesthesia literature available for use while on service; extensive handout given to all students; anesthesia oral exam is available for review.
Writing or Presenting A Paper:	Yes, for attempted honors grade.

How Is Student Evaluated:

Students are evaluated by staff, residents and faculty with whom they have worked (written evaluations on standard forms). Further evaluation by oral exam (given by the course coordinator).

Unique Features Of This Elective:

Opportunity to combine physiology, pharmacology, & clinical medicine with practical skills, and extensive "hands-on" patient management. One-on-one teaching/learning experience with anesthesia residents and faculty. 6th edition **Respiratory Physiology** by John B. West given to each student. Large variety/exposure to all specialty subsets of Anesthesiology including OB Anesthesia, rotation at MDAH.