

Anesthesia

Course Title:	Anesthesia
Course Designation:	MDAN 503
Computer Number:	0424-503
Course Duration:	1week clinical clerkship
Course Units:	1 credit hour
Prerequisites:	Surgery - I

Objectives Course Content Educational Strategies Evaluation

Recommended Textbooks

Objectives:

At the end of the course, the student will be able to:

- Understand the need for preoperative evaluation of patients for anesthesia and formulation of an anesthetic plan based on patient, medical problem and the operative procedure.
- Become familiar with basic and advanced airway management.
- Appreciate the need for postoperative evaluation of patient's vital functions emerging from anesthesia support with emphasis on respiratory care in the recovery period.
- Share for care of a patient in a critical care setting with advantage of individual staff supervision.

Course Content:

Lectures: Five hours in the basics of anesthesia and resuscitation in the following topics:

- Management of general anesthesia
- Local and regional anesthetic technique
- Postoperative pain management
- Blood transfusion and fluid therapy
- Major trauma management

Hospital rotation:

- Rotation inside operating rooms: Students will be distributed as 4 - 5 per OR under supervision of a Specialist and Consultant in Anesthesia for demonstration and discussion on every case scheduled in the OR
- Classroom group discussions on selected topics in the presence of a faculty member. These topics include:
 1. General anesthetic management
 2. Anesthetic circuit and anesthesia machine
 3. Drugs in anesthesia
 4. Airway management
 5. Monitoring in anesthesia

- **Log book:** The student during his/her rotation should complete a log book with a minimum of five cases attended from preoperative preparation through anesthetic management until full recovery.

Educational Strategies:

- Lectures
- Group Discussions
- Bedside teaching

Evaluation:

Hospital rotation: Oral examination:	20%
Log book:	20%
Final written examination	60%

Recommended Textbooks:

- Introduction to anesthesia
- The principles of safe practice