

DEPARTMENT OF ANAESTHESIOLOGY
Hamdard Institute of Medical Sciences & Research

Name of Supervisor	Dr. Syed Amer Zahoor Professor & Head
Name of Co-Supervisor	Dr. Renoxy Bansal (Assistant Professor) Dr. Deepti Ahuja (Assistant Professor)
Department	Anaesthesiology
Name of Elective / Course	A run through of the perioperative protocols with special focus on airway management.
Number of students	2
Duration	14 days
Objectives	1. To sensitize the students to the perioperative course of a surgical patient. 2. To introduce the students to the operation theatre and get an overview of its functioning. 3. To sensitize the student about the importance of airway management in operating room, ICU, and emergency department. 4. To help student acquire basic knowledge of anatomy of the airway. 5. To teach the students the technique of bag and mask ventilation, endotracheal intubation, and various other modalities of airway management.
Expected outcomes	1. The students should understand the perioperative course of a patient who is scheduled for a surgery (elective or emergency) starting from the preoperative preparation to the postoperative recovery.

	2. The students shall be able to understand the operating room, its basic infrastructure and requirements in terms of staff, doctors, and technical staff for its effective functionality.
	3. To be able to describe the basic airway anatomy, indications of bag mask ventilation, endotracheal intubation. 4. To be able to perform bag and mask ventilation independently.
Expectations from students	Students are expected to be punctual, sincere, and vigilant towards their elective in the operating room. As this is the sterile area of the hospital, students are expected to be in clean scrubs daily and take extra care while dealing with the patients in the operating room. They shall be expected to follow the decorum of the operating room. With this elective the student can gain an opportunity to be the part of the core operating room and take the first step towards becoming the perioperative physician.(surgeon/anaesthesiologist)
Assessment Mechanism	1. Attendance 2. Case based simulation scenario for practicals 3. Summary of the student's understanding as presented in a form of power point presentation. 4. Competency based evaluation (see annexure) 5. Skill assessment on mannequin.
Log Book	Regular logbook entry

See Appendix 1. For log book details Annexure 1. LOG BOOK

S. No.	Name of Competency	Cognitive (10)	Affective (10)	Psychomotor (10)	Remarks
1	Describe the principles of preoperative evaluation				
2	Elicit, present and document an appropriate history including medication history in a patient undergoing Surgery as it pertains to a preoperative anaesthetic evaluation				

3	To describe the basic anatomy of airway & To describe the indications of bag and mask ventilation and, endotracheal intubation.				
4	To be able to perform bag and mask ventilation independently				
5	To be able to perform laryngoscopy and intubation in a simulated environment				
	Describe the principles of monitoring and resuscitation in the recovery room				
6	Describe the common complications encountered by patients in the recovery room, their recognition and principles of management				
Marks obtained in according to log book assessment (out of 30)		Marks obtained in seminar assessment (out of 10)		Marks obtained in practical assessment (out of 10)	
Total marks obtained (out of 50)					
Students' attendance					
Trainer's feedback of student					
Students Reflection and feedback					

Students signature with date

Supervisors signature with date

Name of Supervisor	Dr. Pratibha Panjiar Professor
Name of Co-Supervisor	Dr. Mahnaz Showkat Shah (Assistant Professor) Dr. Jyoti (Assistant Professor)
Department	Anaesthesiology and Pain Management
Name of Elective / Course	A run through of the Operating Room: a thorough glimpse into the folders of perioperative protocols
Number of students	2 – 4
Duration	14 days
Objectives	1) To sensitize the students to the perioperative course of a surgical patient. 2) To introduce the students to the operation theatre and get an overview of its functioning. 3) To release the predicament in a medical student regarding the operation room protocols.
Expected outcomes	1) The students should understand the perioperative course of a patient who is scheduled for a surgery (elective or emergency) starting from the preoperative preparation to the postoperative recovery. 2) The students shall be able to understand the operating room, its basic infrastructure and requirements in terms of staff, doctors, and technical staff for its effective functionality. 3) To understand the dos and don'ts of the operating room.
Expectations from students	Students are expected to be punctual, sincere, and vigilant towards their elective in the operating room.

	As this is the sterile area of the hospital, students are expected to be in clean scrubs daily and take extra care while dealing with the patients in the operating room. They shall be expected to follow the decorum of the operating room. With this elective the student can gain an opportunity to be the part of the core operating room and take the first step towards becoming the perioperative physician.(surgeon/anaesthesiologist)
Assessment Mechanism	1) Attendance 2) Case based simulation scenario for practicals 3) Summary of the student s understanding as presented in a form of power point presentation. 4) Competency based evaluation (see annexure)
Log Book	Regular logbook entry

See Appendix 1. For log book details Annexure 1. LOG BOOK

S. No.	Name of Competency	Cognitive (10)	Affective (10)	Psychomotor (10)	Remarks
1	Describe the principles of preoperative evaluation				
2	Elicit, present and document an appropriate history including medication history in a patient undergoing Surgery as it pertains to a preoperative anaesthetic evaluation				
3	Determine the readiness for General Surgery in a patient based on the preoperative evaluation				

4	Observe and describe the principles and steps/ techniques involved in the course of the patient in the operating room(from preoperative area to recovery room)				
5	Describe the principles of monitoring and resuscitation in the recovery room				
6	Describe the common complications encountered by patients in the recovery room, their recognition and principles of management				
Marks obtained in according to log book assessment (out of 30)		Marks obtained in seminar assessment (out of 10)		Marks obtained in practical assessment (out of 10)	
Total marks obtained (out of 50)					
Students' attendance					
Trainer's feedback of student					
Students Reflection and feedback					

Students signature with date

Supervisors signature with date

Name of Supervisor	Dr. Abra q Asma Riyaz Associate Professor
Name of Co-Supervisor	Dr. Mubashar Ul-Islam, Associate Professor Dr. Arpana Sinha, Assistant Professor
Department	Anaesthesiology
Name of Elective / Course	Perioperative Pain Management
Number of students	02
Duration	14 days
Objectives	1. To sensitize the student to the concept of acute postoperative pain and chronic pain 2. To determine the anatomical correlates and physiological principles of pain 3. To teach the student basic assessment techniques for acute and chronic pain 4. To teach the student principles of acute and chronic pain management 5. To teach the verbal and non-verbal communication skills while interacting with a patient in pain
Expected outcomes	1. The student should be able to objectively assess pain 2. The student should know the pain management principles and management protocols for common pain conditions such as low back pain, acute postsurgical pain, facial pain and headaches 3. The student should understand the pharmacology and use of drugs in the pain management 4. The student should be able to communicate effectively with a pain patient
Expectations from students	The student should attend the 'Pain Clinic' and 'Acute Pain Services' regularly and also observe Interventional Pain techniques done in the stipulated period. The student shall have the opportunity to be a part of 'Pain Camps' organized in that period
Assessment Mechanism	Viva, assignments, theory , daily assessments
Log Book	Regular logbook entry

LOG BOOK

S. No.	Name of Competency	Cognitive (out of 5)	Affective (out of 5)	Psychomotor (out of 5)	Remarks		
1	Describe the anatomical correlates and physiologic principles of pain						
2	Elicit and determine the level, quality and quantity of pain and its tolerance in patient or surrogate						
3	Describe the pharmacology and use of drugs in the management of pain						
OTHER ASSESSMENT AREAS							
Marks obtained in theory (MCQ) test (out of 10)		Marks obtained in CAP assessment (out of 15)		Overall score (out of 25)			
Students attendance							
Trainers feedback of student							
Students Reflection and feedback							

Students signature with date

Supervisors signature with date

