



**COLLEGE OF MEDICINE & DENTISTRY AT THE HILLS
ABBOTTABAD
Department of Anesthesiology & Pain Management**

Anesthesiology Logbook

**3rd Year
MBBS**

NAME

FATHER NAME

ROLL NUMBER

BATCH

**DATES OF
ROTATION**

INTRODUCTION

As part of the structured learning program in the Department of Anesthesiology, this logbook is designed to outline the core objectives for your clinical rotation.

Anesthesiology is a cornerstone of modern medicine, fundamental to the safety and success of surgical procedures, pain management, and critical care. This rotation will introduce you to the principles of perioperative medicine.

The main purpose of this logbook is to help you **monitor your own competence**, recognize your learning gaps, and proactively address them. Its second purpose is to clearly define the **minimum level of competence** expected of you at the end of your Anesthesiology rotation.

STRUCTURE

The clinical skills to be achieved are laid out in two main sections:

1. **Pre-operative Assessment and History Taking:** This section focuses on the critical skill of evaluating a patient before anesthesia. This includes taking a focused history (including airway assessment, past anesthetic history, and comorbidities), performing a relevant physical examination, and understanding the interpretation of essential pre-operative investigations.
2. **Procedural Skills and Monitoring:** This section consists of the foundational procedural skills central to the practice of anesthesiology. You will be expected to develop competency in areas such as patient monitoring, airway management, and other essential techniques under close supervision.

LEVEL OF COMPETENCE

Each competency has an expected level of competence to be achieved. The level of competence ranges from observation (1) to independent practice (5). The following list specifies what is meant by each level.

Level	Descriptor	Description
1	Observes	Observes the clinical activity performed by a colleague / senior.
2	Assists	Assists a colleague / senior perform the clinical activity (e.g., preparing equipment, pre-oxygenating the patient).
3	Direct Supervision	Performs the entire activity under the direct, in-the-room supervision of a senior.
4	Indirect Supervision	Performs the entire activity with indirect supervision of a senior colleague (e.g., senior immediately available in the OR complex).
5	Independent	Performs the entire activity without need for supervision.

Note: For the vast majority of competencies in the 3rd Year MBBS Anesthesiology rotation, the highest expected level is Level 2 (Assists) or Level 3 (Direct Supervision). Achieving Level 5 (Independent) is neither expected nor required for any procedural skill at this stage of training, as patient safety is paramount. These expectations are indicated by black boxes in the competency tables.

USING THE LOGBOOK

Your supervising anesthesiologist or clinical trainer will tick off competence levels as you achieve them and sign them with the date. It is your responsibility to:

- Bring this logbook to every clinical session.
- Proactively seek out learning opportunities to complete the listed competencies.
- Discuss your progress regularly with your supervisors.

This logbook serves as a record of your initial exposure to the vital field of Anesthesiology and your development of a foundation in patient safety and perioperative care.

**Department of Anesthesiology
College of Medicine and Dentistry at The Hills, Abbottabad**

HISTORY TAKING SKILL PERFORMED

3 rd Year Mini-Cex 1						
Patient Name		Diagnosis			Date:	
Competencies		EXPECTED LEVEL OF COMPETENCE			Teacher to sign & date	
		1. Below Expectation 2. Adequate 3. Excellent				
HISTORY / EXAM / MANAGEMENT PLAN		Below Expectation	Adequate	Excellent	Sign	Date
1	Obtain comprehensive history after introduction and informed consent, asking relevant questions in order to reach a history based differential					
2	Perform complete physical /Airway examination, with detailed examination of the involved organ system					
3	Skillfully present patient history, physical examination findings in a systematic, coherent and concise manner, which addresses the chief complaint/problem, identifies pertinent positive and negative findings and reach a logical conclusion					
4	Prepare a diagnostic plan, selecting investigations appropriate for the patient					
5	Design Anesthesia management plan taking into consideration the risk versus options and the resources available					
6	NPO advice, Breast Feed - 4 hrs Bottle fed -6 hrs Clear fluids -2					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations &					
8	Respect the cultural and ethnic diversity of their patient's beliefs					
9.	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

3 rd year Mini-Cex 2						
Patient Name		Diagnosis		Date:		
Competencies		EXPECTED LEVEL OF COMPETENCE			Teacher to sign & date	
		1. Below Expectation 2. Adequate 3. Excellent				
HISTORY / EXAM / MANAGEMENT PLAN		Below Expectation	Adequate	Excellent	Sign	Date
1	Obtain comprehensive history after introduction and informed consent, asking relevant questions in order to reach a history based differential					
2	Perform complete physical /Airway examination, with detailed examination of the involved organ					
3	Skillfully present patient history, physical examination findings in a systematic, coherent and concise manner, which addresses the chief complaint/problem, identifies pertinent positive and negative findings and reach a logical conclusion					
4	Prepare a diagnostic plan, selecting investigations appropriate for the patient					
5	Design Anesthesia management plan taking into consideration the risk versus options and the resources available					
6	NPO advice, Breast Feed - 4 hrs Bottle fed -6 hrs Clear fluids -2					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations &					
8	Respect the cultural and ethnic diversity of their patient's beliefs					
9.	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

3 rd Year Mini-Cex 3						
Patient Name		Diagnosis			Date:	
Competencies		EXPECTED LEVEL OF COMPETENCE			Teacher to sign & date	
		1. Below Expectation 2. Adequate 3. Excellent				
HISTORY / EXAM / MANAGEMENT PLAN		Below Expectation	Adequate	Excellent	Sign	Date
1	Obtain comprehensive history after introduction and informed consent, asking relevant questions in order to reach a history based differential					
2	Perform complete physical /Airway examination, with detailed examination of the involved organ system					
3	Skillfully present patient history, physical examination findings in a systematic, coherent and concise manner, which addresses the chief complaint/problem, identifies pertinent positive and negative findings and reach a logical conclusion					
4	Prepare a diagnostic plan, selecting investigations appropriate for the patient					
5	Design Anesthesia management plan taking into consideration the risk versus options and the resources available					
6	NPO advice, Breast Feed -4 hrs Bottle fed -6 hrs Clear fluids -					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations &					
8	Respect the cultural and ethnic diversity of their patient's					
9.	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

Section 2: DIRECT OBSERVATION OF PROCEDURAL SKILLS (DOPS)

Competencies	Expected level of competence To be tick when achieved					Certification Teacher to sign & date	
	1	2	3	4	5	Sign	Date
Procedural Skills							
Preoperative assessment of thePatient							
Iv Cannulation & Intraoperative Fluid Management							
Introduction of general anesthesia and tracheal intubation							
Demonstration of spinal block							
Demonstration of epidural block							
Demonstration of local blocks in Eye , ENT and general surgery							
Demonstration of CPR							
Post operative care /pain management							
Demonstration of anesthesia machine and other instruments							
Demonstration of sterilization procedures in OT							
Demonstration of vital signs monitors and their application							