



DEPARTMENT OF MEDICINE & ALLIED
COLLEGE OF MEDICINE & DENTISTRY AT THE HILLS
ABBOTTABAD

Medicine & Allied Logbook

3rd & 4th Year
MBBS

Year

2025-26



NAME	
FATHER NAME	
ROLL NUMBER	
BATCH	
DATES OF ROTATION	

INTRODUCTION

This logbook is an essential component of the structured learning program at the **College of Medicine and Dentistry at The Hills, Abbottabad**. It outlines the expected learning objectives for each clinical rotation and serves as a tool for monitoring your progress throughout the training period. Its primary purpose is to help you assess your developing clinical competence, identify learning gaps, and guide your efforts for improvement. In addition, the logbook provides a clear framework for the minimum level of competency you are expected to achieve by the end of each rotation.

STRUCTURE

The logbook is organized into two main sections:

- 1. **Clinical Skills Section:**
This section focuses on history taking, physical examination, and case presentation. Each organ system is presented separately, beginning on a new page. The rows list specific competencies, and shaded boxes indicate competence levels that do not require assessment. Some skills—such as certain procedures—are *not* expected to reach a level of independent performance (Level 5), and these are marked with black boxes.
- 2. **Procedural Skills Section:**
All procedural competencies across organ systems are compiled in one place. Additional blank tables are provided at the end of the logbook for reassessment or repetition of skills, if required.

Competencies are numbered for clarity, and each is associated with expected levels of proficiency.

USING THIS LOGBOOK

- Each organ system begins on a separate page for ease of organization.
- Teachers/trainers should assess the student’s performance by marking the achieved level of competence for each listed skill.
- The faculty assessor should sign and date each entry at the time of observation.
- Students should use faculty feedback to reflect on their clinical performance, recognize areas needing improvement, and plan targeted learning strategies.
- Not all competencies require assessment at every level; shaded or blacked-out boxes indicate levels not applicable for that specific skill.
- The ultimate goal is to support progressive skill development—from observation to independent performance—while maintaining safe and supervised clinical learning.

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

3 rd Year General Medicine: Mini-Cex 1						
Patient Name:		Diagnosis:			Date:	
COMPETENCIES		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 diagnosis.					
2	Perform complete physical 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	Arrange a focused list of differential diagnosis					
5	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
6	Respect the cultural and ethnic diversity of their patient's beliefs					
7	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

3 rd Year General Medicine: Mini-Cex 2						
Patient Name:		Diagnosis:			Date:	
COMPETENCIES		LEVEL OF COMPETENCE			Teacher to sign & Date	
		4. Below Expectation 5. Adequate 6. 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 diagnosis.					
2	Perform complete physical 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	Arrange a focused list of differential diagnosis					
5	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
6	Respect the cultural and ethnic diversity of their patient's beliefs					
7	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

3 rd Year General Medicine: Mini-Cex 3						
Patient Name:		Diagnosis:			Date:	
COMPETENCIES		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 diagnosis.					
2	Perform complete physical 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	Arrange a focused list of differential diagnosis					
5	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
6	Respect the cultural and ethnic diversity of their patient's beliefs					
7	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

4 th Year General Medicine: Mini-Cex 1						
Patient Name:		Diagnosis:			Date:	
COMPETENCIES		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 diagnosis.					
2	Perform complete physical 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	Arrange a focused list of differential diagnosis					
5	Prepare a diagnostic plan, selecting investigations appropriate for the patient					
6	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
7	Respect the cultural and ethnic diversity of their patient's beliefs					
8	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

4th Year General Medicine: Mini-Cex 2

Patient Name:

Diagnosis:

Date:

COMPETENCIES		EXPECTED LEVEL OF COMPETENCE			Teacher to sign & Date	
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 diagnosis.					
2	Perform complete physical 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	Arrange a focused list of differential diagnosis					
5	Prepare a diagnostic plan, selecting investigations appropriate for the patient					
6	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
7	Respect the cultural and ethnic diversity of their patient's beliefs					
8	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

4th Year General Medicine: Mini-Cex 3

Patient Name:

Diagnosis:

Date:

COMPETENCIES		LEVEL OF COMPETENCE			Teacher to sign & Date	
HISTORY / EXAM / MANAGEMENT PLAN		Below Expectati on	Adequate	Excellent	Sign	Date
1	Obtain comprehensive history after introduction and informed consent, asking relevant questions in order to reach a history based differential diagnosis.					
2	Perform complete physical 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					
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6	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
7	Respect the cultural and ethnic diversity of their patient’s beliefs					
8	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 1: HISTORY TAKING, EXAMINATION AND PRESENTATION OF A CASE

4th Year General Medicine: Mini-Cex 4

Patient Name:

Diagnosis:

Date:

COMPETENCIES		LEVEL OF COMPETENCE			Teacher to sign & Date	
		1. Below Expectation	2. Adequate	3. Excellent		
HISTORY / EXAM / MANAGEMENT PLAN		Below Expectati on	Adequate	Excellent	Sign	Date
1	Obtain comprehensive history after introduction and informed consent, asking relevant questions in order to reach a history based differential diagnosis.					
2	Perform complete physical 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	Arrange a focused list of differential diagnosis					
5	Prepare a diagnostic plan, selecting investigations appropriate for the patient					
6	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
7	Respect the cultural and ethnic diversity of their patient’s beliefs					
8	Display honesty, integrity, respect, and compassion for patient & family					

Good points	
Suggestions for improvement	
Sign / Date	

SECTION 2: PROCEDURAL SKILLS MEDICINE

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 1	Observes	Observes the clinical activity performed by a colleague / senior
Level 2	Assists	Assists a colleague / senior perform the clinical activity
Level 3	Direct supervision	Performs the entire activity under direct supervision of a senior
Level 4	Indirect supervision	Performs the entire activity with indirect supervision of a senior colleague
Level 5	independent	Performs the entire activity without need for supervision

SECTION 2: PROCEDURAL SKILLS MEDICINE

DIRECT OBSERVATION OF PROCEDURAL SKILLS (DOPS)								
COMPETENCIES		EXPECTED LEVEL OF COMPETENCE					CERTIFICATION	
		1	2	3	4	5	Sign	Date
GENERAL								
	IV/IM/SC injection							
	Oxygen therapy							
CARDIOLOGY								
	ECG Recording							
	Echocardiography							
	Exercise tolerance test							
	Defibrillation							
	Cardiac pacemaker							
	Central venous line							
	Cardiopulmonary Resuscitation							
DERMATOLOGY								
	Punch biopsy (skin)							
ENDOCRINOLOGY								
	Blood glucose measurement by glucometer							
	Fundoscopy							
GASTROENTEROLOGY								
	NG tube passing							
	Ascetic fluid aspiration							
	Upper GI endoscopy							
	Lower GI endoscopy							
	Rectal enema							
HEMATOLOGY								
	IV cannulation							
	Venous blood sampling							
	Bone marrow aspiration / trephine biopsy							
HEPATOLOGY								

	Ascetic Tap							
INFECTIOUS DISEASES								
	Lumbar puncture							
	Blood cultures collection							
	Throat swab							
NEPHROLOGY								
	Urethral Catheterization							
	Renal biopsy							
	Double lumen catheter placement (subclavian / jugular / femoral)							
	Hemodialysis							
NEUROLOGY								
	Fundoscopy							
	Electro-encephalogram							
PSYCHIATRY								
	Electroconvulsive therapy							
PULMONOLOGY								
	Nebulization							
	Pulmonary function tests							
	Pleural fluid aspiration							
	Pleural biopsy							
	Chest intubation							
	Oropharyngeal / nasopharyngeal airway insertion							
	Endotracheal intubation							
	Artificial respiration / ventilation							
	Arterial blood gases							
	Bronchoscopy							
	Chest X-ray reading							
RHEUMATOLOGY								
	Joint X-ray reading							
	Synovial fluid aspiration							
	Intra-articular injection							