



SURGERY & ALLIED LOG BOOK 3RD, 4TH & Final Year MBBS

KHYBER GIRLS MEDICAL COLLEGE, PESHAWAR, PAKISTAN

NAME				
FATHER NAME				
ROLL NUMBER				
BATCH				
DATES OF ROTATION				

INTRODUCTION

As part of structured learning program, this log book will identify the objectives for each period / rotation of learning. The main purpose of the log book is to help you monitor your own competence, to recognize gaps and address them. Its second purpose is to describe the minimum competence level expected of you at the end of every rotation.

STRUCTURE

The skills to be achieved are laid out in 2 sections. The first section relates to history taking, examination and presentation of a case. Every organ system has representation in this section as mentioned in the top row of each table. The second section includes procedural skills. Competencies in procedural skills from all organ systems are presented together. Untitled, additional tables for both sections are included in the end in case some competencies have to be reassessed / repeated.

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	Observestheclinicalactivityperformedbyacolleague/senior
Level 2	Assists	Assists a colleague / senior perform the clinical activity
Level 3	Direct supervision	Performstheentireactivityunderdirectsupervisionofasenior
Level 4	Indirect supervision	Performstheentireactivitywithindirectsupervisionofasenior colleague
Level 5	independent	Performs the entire activity without need for supervision

USING THE LOGBOOK

Each organ system commences on a new page. The pages contain numbered competencies. Many of the competencies do not require an assessment of every competence level and these are indicated by shaded boxes. Certain competencies e.g. procedures do not require the student to be level 5 (independent) by the end of the learning period. These are identified by black boxes.

Teacher / trainer will tick off competence levels as you achieve them and sign them with date.

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

3rd Year Mini-Cex 1:

Patient Name:

Diagnosis:

Date:

GENERAL SURGERY

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	

3rd Year Mini-Cex 2:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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	

3rd Year Mini-Cex 3:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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	

4th Year Mini-Cex 1:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

4th Year Mini-Cex 2:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

4th Year Mini-Cex 3:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

4th Year Mini-Cex 4:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

Final Year Mini-Cex 1:						
Patient Name:		Diagnosis:		Date:		
GENERAL SURGERY						
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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

Final Year Mini-Cex 2:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
COMPETENCIES		LEVEL OF COMPETENCE 1. Below Expectation 2. Adequate 3. Excellent			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					
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6	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

Final Year Mini-Cex 3:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
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					
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7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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Good Points	
Suggestions for improvement	
Sign/Date	

Final Year Mini-Cex 4:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
COMPETENCIES		EXPECTED LEVEL OF COMPETENCE 1. Below Expectation 2. Adequate 3. Excellent			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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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	

Final Year Mini-Cex 5:						
Patient Name:		Diagnosis:			Date:	
GENERAL SURGERY						
COMPETENCIES		EXPECTED LEVEL OF COMPETENCE 1. Below Expectation 2. Adequate 3. Excellent			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	Design a treatment plan taking into consideration the risk vs benefit of treatment options and the resources available					
7	Effectively communicate with the patient / family regarding the differential diagnosis, intended investigations & treatment options, and prognosis					
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						

SECTION 2: PROCEDURAL SKILLS

DIRECT OBSERVATION OF PROCEDURAL SKILLS (DOPS)							
COMPETENCIES	EXPECTED LEVELS OF COMPETENCIES					CERTIFICATION	
	To be ticked when achieved					Teacher to sign & date	
	1	2	3	4	5	Sign	Date
GENERAL							
IV/IM/SC injection							
Oxygen therapy							
GENERAL SURGERY							
Blood Sampling (Venipuncture)							
Urethral Catheterisation							
Urine Dipstick test							
Passing NG tube							
Drain Removal							
Venous cut down							
CVP Line							
Local anesthesia							
Ascitic fluid aspiration							
Interpretation of T-tubeCholangiogram							
Contrast X-rays interpretation							
Rectal enema							
IV cannulation							
Counseling & Consent							
Digital Rectal Examination & Proctoscopy							
Needle thoracostomy							
Incision Drainage							
Tube thoracostomy							
Hand washing & Scrubbing							
Gloving							
Introduction to suture Material							
IVU&KUB interpretation							
Burns Management							
Grafts							
Wound wash & Debridement							
Skin suturing							
Emergency& Elective Surgeries							
Instruments handling & identification							
Methods of Sterilization							

COMPETENCIES		EXPECTED LEVELS OF COMPETENCIES					CERTIFICATION	
		To be ticked when achieved					Teacher to sign & date	
		1	2	3	4	5	Sign	Date
ORTHOPEDIC								
	Immobilization							
	Pain Management							
	Reading X-rays							
	Closed Reduction							
	Application of POP cast/ back slab							
	Safe & Appropriate Blood Transfusion							
	Apply Splint for fracture							
NEUROSURGERY								
	MRI & CT-Brain & Spine interpretation							
	GCS Interpretation							
	Cervical Collar application							
	ABCD Protocol							
	Spine X-rays interpretation							
	Handling of frail patients							

Note:

For third year competency level upto C must be achieved

For fourth year competency level upto D will must be achieved

For final year competency level upto E must be achieved