

H. FINAL ASSESSMENT

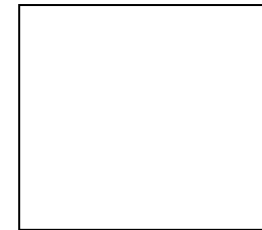
Please note the relative weighting of marks

| SECTION | OUT OF | AWARDED MARK | SIGN |
|---------|--------|--------------|------|
| A | 20 | | |
| B | 40 | | |
| C | 10 | | |
| D | 10 | | |
| E | 5 | | |
| F | 10 | | |
| G | 10 | | |
| H | 10 | | |
| I | 5 | | |
| J | 5 | | |
| K | 10 | | |
| L | 5 | | |
| TOTAL | 140 | | |



MASENO UNIVERSITY
SCHOOL OF MEDICINE
(MUSOM)
DEPARTMENT OF SURGERY
AND
ANAESTHESIOLOGY

LOG BOOK FOR ANAESTHESIOLOGY & CRITICAL CARE
YEAR V, MCS 500



Insert passport photo above

Signed _____ Date _____

Chairman,
Department of surgery and Anaesthesia

ADMIN. _____

NAME _____

GROUP: _____

Start date: _____

End date: _____

INTRODUCTORY NOTES

The objective of clerkship in anaesthesia and critical care in the MBChB and IT Course, Year V, is to impart to the student the knowledge and skills to adequately diagnose, manage and prevent anaesthetic and critical care issues. At the end of this rotation, students should be able to show ability to critically analyse anaesthetic and critical care data and outline the complete management plan incorporating interventional and non-interventional options.

This practical record book ensures the student has attained the necessary clinical skills and acumen to attain the course objectives. He/she must be able to acquire the practical skills required of an MBChB student/graduate in order to commence internship without hindrances.

The record book has four levels of expectations from the student. For the basic procedures, the student will be expected to personally perform procedures under supervision. Secondly, some procedures will require that student participation through assisting the primary clinician. By assisting, the student will be expected to learn the basic science principles behind the procedure, the anatomical/physiological changes being attained and any other relevant anaesthetic or medical principles. For complex anaesthetic intervention that would require more expertise, the student is expected to witness the procedure and engage the primary clinician on the procedure.

To complement the attainment of all the above clinical skills and build the management hierarchy for anaesthetic conditions, the student will be expected to comprehensively clerk at least four anaesthetic/critical care cases and present write-ups, hence strengthening their previously acquired skills of history taking, physical examination and clinical diagnosis that is key for any clinician. These shall be handed as case reports on a weekly basis and marks awarded. Please note these are distinct from the case presentations made during ward rounds which shall also be graded.

The log book is to be signed by the supervising clinician

CHAIRMAN'S WEEKLY COUNTERCHECK.

| WEEK | MARK AWARDED out of 100% | COMMENTS | SIGNATURE |
|------|-----------------------------|----------|-----------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| 11. | | | |
| 12. | | | |
| 13. | | | |
| | | TOTAL | |

Guidelines for assisted procedures.

Personally assisted.

Objective here is to have students actively participate in clinical/operative procedures;

- Active involvement in patient preparation for surgery or other procedures.
- Learning surgical landmarks for various anaesthetic procedures.
- Involvement in postoperative patient care.

Tips for increasing your chance of assisting in a case;

- Identify the patient OF interest beforehand.
- Inform consultant you are interested in being involved in case.
- Be involved in the preoperative patient preparation.
- Know the clinical details of the patient during the procedure.

Guidelines for weekly write-ups;

Include sections on

- introduction
- History
- Examination findings
- Investigation findings
- Treatment
- Discussion

Discussion will have greater weight in terms of marking for this section.

Course coordinator

Dr. S. Okelo

Department of Surgery and Anaesthesiology

PROCEDURE K: ARTERIAL CANNULATION/ ARTERIAL BLOOD SAMPLING

| DATE | IP. No | DIAGNOSIS | O | SUPERVISOR |
|------|--------|-----------|---|------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

PROCEDURE I: CRITICAL CARE MANAGEMENT.

| DATE | IP. No. | DIAGNOSIS | A | SUPERVISOR |
|------|---------|-----------|---|------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

PROCEDURE J: CENTRAL VENOUS CATHETER INSERTION

| DATE | IP. No | DIAGNOSIS | O | SUPERVISOR |
|------|--------|-----------|---|------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

LIST OF PROCEDURES/EXPERIENCES

O: Observed. A: Assisted. P: Performed

| Procedure | O | A | P | TOTAL |
|---|----|----|---|-------|
| Insertion of peripheral intravenous cannulas. | | | 5 | 5 |
| Endotracheal intubations. | 10 | 10 | 5 | 25 |
| Insertion of supraglottic airway devices | 1 | | 1 | 2 |
| Administration of anaesthesia via face mask | 5 | 5 | | 10 |
| Administration of general anaesthesia | 10 | 3 | | 13 |
| Administration of regional anaesthesia | 5 | 5 | | 10 |
| Critical care management | | 5 | | 5 |
| Central venous catheter insertion | 3 | | | 3 |
| Arterial cannulation/ Arterial blood sampling | 3 | | | 3 |
| Cardiopulmonary resuscitation | | 2 | | 2 |
| Clerking patients/ | | | 4 | 4 |
| Case write-up | | | 4 | 4 |

PROCEDURE A: PATIENT CLERKING

| DATE | IP.No | DIAGNOSIS | SUPERVISOR |
|------|-------|-----------|------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| DATE | IP. No. | DIAGNOSIS | O | A | P | SUPERVISOR |
|------|---------|-----------|---|---|---|------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PROCEDURE F: ADMINISTRATION OF ANAESTHESIA VIA FACE MASK.

| DATE | IP. No. | DIAGNOSIS | O | A | SUPERVISOR |
|------|---------|-----------|---|---|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

PROCEDURE E: INSERTION OF SUPRAGLOTTIC AIRWAY DEVICES.

| DATE | IP. No. | DIAGNOSIS | O | P | SUPERVISOR |
|------|---------|-----------|---|---|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

PROCEDURE G: ADMINISTRATION OF GENERAL ANAESTHESIA.

| DATE | IP. No. | DIAGNOSIS | O | A | SUPERVISOR |
|------|---------|-----------|---|---|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |