

Promoting Compliance in Healthcare and Training Standards

# HEALTH PROFESSIONS COUNCIL OF ZAMBIA

# **Approved Log Book for Advanced Paramedic Anaesthetists Interns**

Regulating Professional Conduct of Health Practitioners, Health Facilities and Health Training Programmes to Quality Healthcare Service Provision for the wellbeing of the Public is our Prime Concern

1<sup>st</sup> Edition, 2024

#### Foreword

Internship training plays a vital role in a clinical Anaesthetist's career. This legal requirement allows a practitioner to acquire critical practical skills that cannot be acquired within the precincts of a lecture room. During university training, an individual will acquire scientific knowledge and skills from various avenues.

Internship training provides a platform for the intern to apply the skills learnt practically under the supervision of a specialist practitioner who is a mentor and a coach. Indeed the intern's attitude during this period will determine the knowledge and skills acquired and subsequently bring out a well-grounded and competent doctor.

The Council has designed a logbook to standardise Internship training with a particular emphasis on core competencies and skills to be acquired during this period. The assessment report is useful feedback to the Council, which determines whether or not an intern qualifies for full registration Advanced paramedic anaesthetist Surgeon Practitioner.

These internship logbooks cover what the Council considers important areas to be covered to ensure adequate knowledge and skills are acquired. They were developed and compiled by a team of experienced clinicians, teachers and other key stakeholders in the medicine and dentistry field.

The Council has made numerous legal strides to protect all interns during training. The Guidelines for Approval of Internship Sites, Issued under **Section 76** of the Health Professions Act Number 24 of 2009 of the Laws of Zambia, defines internship training and lays down the framework for internship training in Zambia a mandatory requirement before full registration as a advanced paramedic anaesthetist surgeon practitioner.

It is important also to take note of "The Code of Professional Conduct and Discipline", which outlines the conduct expected of all health practitioners, including advanced paramedic anaesthetist surgeons and subsequent

disciplinary action in the event of any transgression of this code.

On behalf of the Council, I wish all users of this Logbook (interns and supervisors alike) an exciting and fruitful time during the internship training period.

Prof. Mulindi Mwanahamuntu Council Chairperson Health Professions Council of Zambia

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- 27. Mr Fannwell Daka Health Professions Council of Zambia
- 28. Ms Meah Liseli Konoso- Health Professions Council of Zambia

Pro. Fastone M Goma Registrar/Chief Executive Officer Health Professions Council of Zambia

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#### 1 Introduction

An internship is a prescribed employment period during which graduates work under supervision to fulfil full registration requirements. During this period, the graduates can consolidate their knowledge, skills and attitudes to be competent practitioners. This Logbook will be used to document the progress of the Internship. It is an official document with an intern's collective performance, a record of all the work done, procedures conducted, and targets achieved provides criteria for the continuous assessment program of an internship. It is a snapshot of all the progress that the learner has had to move to the next phase in his advanced paramedic anaesthetist surgery practice journey.

#### 1.1 Introduction for the Intern

This Logbook will help to record your experiences and achievements on this placement. It is required to be filled in completely for you to be fully registered by the Council as an Advanced Paramedic Anaesthetist. You are expected to spend specified rotation time in the following advanced paramedic anaesthetist service areas translating into 12 months for you to c complete the Internship:

Sn	Rotation Site	Duration
1.	Operating Theatre (Emergency and Elective) - Remote sedation to be	8 months
	undertaken during this rotation	
2.	Intensive Care Unit	3 months
3.	Emergency Department	1 month

As an advanced paramedic anaesthetist Intern, your responsibilities include the following: -

- 1. Conducting pre-anaesthetic assessment for both elective and emergency operations
- 2. Participate in the assessment and management of critically ill patients in the intensive care or high dependent unit
- 3. Performing relevant investigations and part of your patient assessment or evaluation
- 4. Guiding patients and relatives with regard to anaesthesia delivery
- 5. Documenting and regularly updating patients' anaesthesia notes
- 6. Writing accurate and informative critical or adverse event incident summaries.
- 7. Appropriate handing over of patients
- 8. Presenting cases concisely, coherently and competently during anaesthesia rounds, post anaesthesia care unit rounds or any other appropriate fora.
- 9. Participating in the development and implementation of Anaesthetic plans under the supervision of senior practitioner
- 10. Reporting to and consulting with the intern Supervisor
- 11. Participating in continuing professional development activities
- 12. Maintaining professional demeanour and conduct
- 13. Participating in the activities of the relevant committees in the rotation sites
- 14. Performing any other relevant duties assigned by the Supervisor

The following as some the Hints & Tips: Your Internship:

- 1. Get there in plenty of time
- 2. Dress smart
- 3. Make sure that you take this Logbook with you
- 4. Ask about your weekly roster
- 5. Check what work you will be doing
- 6. Make a note of your Supervisor's contact details
- 7. Regarding health and safety, here are a few common-sense rules you should follow while on your Internship to ensure that you do not become involved in an accident at work or that you are not the cause of an accident.
  - a. **Obey Any Safety Rules**: Find out if there are any particular rules where you work, such as wearing the correct clothing, where the fire exits are, etc., to know the rules and obey them. Listen carefully to the advice or instructions of your Supervisor, and don't be afraid to ask questions.
  - b. **First Aid:** If you injure yourself in any way, report it to your Supervisor immediately and obtain treatment.
  - c. **Cleanliness:** Always keep your work area clean and tidy. Remember to wash your hands regularly.
- 8. Help: What if the unexpected happens? For instance, Phone your Supervisor as soon as you know you will be late. It is the polite, professional thing to do

# 1.2 Instruction for the Supervisor

Please help the Interns to complete the appropriate pages of this Logbook to enable them to reflect on their experiences and to have a record of the progress of the Internship. As a Supervisor, you are responsible for the overall supervision of the interns in that rotational or placement unit or department and shall:

- 1. Maintains intern Progression Records for the rotation site
- 2. Update Internship Coordinator regularly on intern progress
- 3. Update Management and Internship Coordinator on matters administrative issues touching on interns, intern supervisors or departments within the institution that hinder the implementation of the programme
- 4. Ensure the interns comply with ethics in the health profession as required by statutory laws
- 5. Ensure there is an appropriate orientation for the interns upon reporting to the rotation site
- 6. Organise minutes of monthly progress meetings with interns
- 7. Ensure objective and fair Assessment of the intern. Further, ensure that interns are evaluated, and internship logbooks are filled appropriately during and at the end of each rotation.
- 8. Identify and recommend to management or internship coordinator exceptional interns for recognition or aanaesthesia
- 9. Participate in disciplinary proceedings for interns

# 1.3 Objectives

At the end of the Internship Training programme, an Intern in Clinical Anesthesia should be able to:

- 1. Perceive the nature of the problems presented to them by the patients and make appropriate decisions.
- 2. Communicate effectively with the patients, their relatives, surgeons and other health care providers at their working places(Hospital, Primary Health Centres and in the community)
- 3. Take and record the Patient's history
- 4. Perform clinical examinations competently.
- 5. Use laboratory and other diagnostic facilities efficiently.
- 6. Plan and carry out treatment, including rehabilitation if required and follow-up.
- 7. Use available facilities for disease prevention and health promotion.
- 8. Adopt safe practices in the laboratory, theatre,ICU, anaesthesias and X-ray room, in relation to radiation and during patient care with due regard to all concerned.
- 9. Recognise his/her limitations in patient care with an appropriate referral.
- 10. Behave appropriately (attitude) with the patients and with their relatives-
- 11. Considering Ethical and legal issues.
- 12. 11. Continue self-education (CME) & improve skills to deliver.
- 13. 12. Diagnose the patient problem and suggest appropriate measures.
- 14. 13. Recognise emergencies and handle them appropriately.

# 2 Outline of the Logbook

#### 2.1 Personal Details Of The Intern

Interns Name	HPCZ Registration No
Internship Centre	HPCZ Licence No
Period of Rotation: Start:	End:
Name of Supervisor	Signature and Stamp:

## 2.2 Purpose of the Logbook

This log book is a documentary of the structured Internship Training Program. The Logbook aims to help you monitor your competence, recognise gaps, and address them. Further, it helps to describe the minimum competence level expected of you by the end of your internship rotation.

#### 2.3 The sections of the Logbook

The Logbook contains Three (3) sections representing the disciplines covered in the internship training period. Each section is laid out in to cover the following domains:

- 1. Requirements of the discipline
- 2. The level of competence required and their interpretation:
  - a. Level 1: Observe the activity being carried out by a supervisor
  - b. Level 2: Assist in the procedures
  - c. Level 3: Carry out the whole activity/procedure under the direct supervision of a senior colleague, i.e. the senior colleague is present throughout
  - d. Level 4:Carry out the whole activity under indirect supervision, i.e. the senior colleagues need not be present throughout but should be available to provide assistance and advice
  - e. Level 5: Independent competence, no need for supervision
- 3. A log of the procedures to be completed
- 4. Assessment of the monthly progress in each discipline
- 5. Evaluation of the rotation performance and recommendations made

#### 2.4 Using the Logbook

The interns are expected to fill the competence levels daily as they achieve them and enter the appropriate date. The Supervisor shall sign off on all accomplished targets. Every month, the intern, the Supervisor and the intern coordinator shall review progress in the rotation to ensure the intern is on course to achieving the set requirements for the rotation. At the end of the rotation, the intern shall be assessed by the Supervisor, the intern coordinator and the medical director/superintendent on the performance during the rotation.

# **3** Operating Theatre (Emergency And Elective) Rotation

# 3.1 Assessments for Operating Theatre Rotation

#### 3.1.1 Basic Information

Interns Name	HPCZ Registration No
Internship Centre	HPCZ Licence No
Period of Rotation: Start:	End:
Name of Supervisor	Signature and Stamp:

#### 3.1.2 Grading:

- 3- The intern meets most of the criteria without assistance
- 2- The intern requires some assistance to meet the stated criteria
- 1- The intern requires considerable assistance to meet the stated criteria
- 0- Unable to meet the criteria completely

NB: Where the grading shall be on a scale of 0 or 1 above, the Supervisor shall be required to give reasons for the said finding and make recommendations in the best interest of the intern and the public.

#### 3.1.3 Intern Involvement

- Performed (P)- The intern does the work as the primary anaesthetist
- Assisted (A)- The Intern assisted the primary anaesthetist in the conduct of anaesthesia
- Observed (**O**)- The Intern observed the conduct of anaesthesia

#### 3.1.4 Rotation Area Requirements:

In this rotation, the Advanced paramedic anaesthetist Intern shall:

- 1. Be able to clerk, investigate and present patients during anaesthesia rounds or clinics
- 2. Be able to prepare patients undergoing various anaesthesia procedures
- 3. Be able to follow up with the patients after surgery till post anaesthesia and be able to write a proper post anaesthesia summary
- 4. Participate in daily anaesthesia rounds, attend theatres and attend surgical outpatient clinics
- 5. Attend and participate/present in all weekly departmental.
- 6. In addition to the above, at the end of the rotation, one is expected to have participated in the following procedures:

# 3.2 Emergency anaesthesia for emergency general surgery and other surgical specialities

Operations	# of Cases	File No.	Date	Intern involvement	Supervisors Name	Supervisors Signature
	1.					
	2.					
	3.					
	4.					
Pre induction	5.					
assessment	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
	5.					
Resuscitation	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Theater	5.					
preparation	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Rapid sequence	5.					
induction	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.			1		
Naso gastric tube	3.					
insertion	4.					
	5.					
	٦.					

Operations	# of Cases	File No.	Date	Intern involvement	Supervisors Name	Supervisors Signature
	6.					
-	7.					
-	8.					
-	9.					
-	10.					
	1.					
-	2.					
-	3.					
-	4.					
Cricoid pressure	5.					
application	6.					
application	7.					
-	8.					
-	9.					
-	9. 10.					
	10.					
-	2.					
_	3.					
_						
D1 1 1 1 1	4.					
Blood check and	5.					
administration	6.					
-	7.					
-	8.					
-	9.					
	10.					
-	1.					
-	2.					
-	3.					
Administration of	4.					
neuromuscular	5.					
blockade	6.					
-	7.					
-	8.					
-	9.					
	10.					
-	1.					
-	2.					
-	3.					
Reversal of	4.					
neuromuscular	5.					
blockade	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
Administration of	3.					
rapid spinal	4.					
r		1		+		
. =	5.					

Operations	# of	File No.	Date	Intern	Supervisors Name	Supervisors
Operations	Cases	1101101	Dute	involvement	Super visors r turne	Signature
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
A	4.					
Administrationof general	5.					
anaesthesia	6.					
unacsuresia	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Administration of	5.					
opiods	6.					
	7.					_
	8.					
	9.					
	10.					

# 3.3 Other Procedures-The intern assists performing other procedures below

Procedures/ Diagnosis	# of Cases	File No.	Date	Intern involvement	Supervisors Name	Supervisors Signature
	1.					8
	2.					
	3.					
	4.					
Intravenous	5.					
access- peripheral	6.					
peripheral	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
Pre	4.					
oxygenation	5.					
	6.					
	7.					
	8.					

	9.			
	10.			
	1.			
	2.			
	3.			
	4.			
Central venous	5.			
access	6.			
	7.			
	8.			
	9.			
	10.			
	1.			
	2.			
	3.			
Patient	4.			
monitoring	5.			
	6			
	7			
	8			
	1.			
	2.			
Documentation	3.			
	4.			
	5.			
	1.			
	2.			
	3.			
	4.			
	5.			
Catheterization	6.			
	7.			
	8.			
	9.			
	10.			
	1.			
Caratiania	2.			
Suctioning	3.			
	4.			
	5.			

3.4 Emergency Obstetric anaesthesia procedures

3.4 Emerger Procedures	# of Cases	File No.	Intern involvement	Date	Supervisors Name	Supervisors Signature
	1.					
	2.					
	3.					
	4.					
Pre-induction	5.					
accessment	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Rapid sequence	5.					
induction	6.					
	7.					
	8.					
	9.					
	10.					
	1. 2.					
	3.					
Oro-	4.					
Endotracheal	5.					
intubation	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
A	3.					
Application of Cricoid pressure	4.					
Cricola pressure	5.					
	6					
	7					
	8					
	9					
	10					
Intravenous	1.					
access	2.					

Procedures	# of Cases	File No.	Intern involvement	Date	Supervisors Name	Supervisors Signature
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Preload	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	1					
	2					
	3					
	4					
Rapid spinal	5					
anaesthesia	6					
	7					
	8					
	9					
	10					
	1					
	2					
	3					
	4					
CPR in	5					
Obstetrics	6					
	7					
	8					
	9					
	10					
	1					
	2					
	3					
	4					

Procedures	# of Cases	File No.	Intern involvement	Date	Supervisors Name	Supervisors Signature
	5					
	6					
Patient	7					
monitoring	8					
	9					
	10					
	1					
	2					
	3					
	4					
Management of	5					
difficult airway	6					
	7					
	8					
	9					
	10					
	1					
	2					
	3					
	4					
Post anaesthesia of patient from	5					
post anaesthesia	6					
care unit	7					
	8					
	9					
	10					
	1					
	2					
	3					
	4					
	5					
	6					
	7					
Neonatal	8					
resuscitation	9					
	10					
	11					
	12					
	13					
	13			-		
	15					

# 3.5 Elective Paediatric anaesthesia

Filling	# Of	Patient	Intern	Date	Supervisor Name	Supervisor
Materials	Cases	File No.	involvement	Butt	Supervisor runne	Signature
	1.					
	2.					
	3.					
	4.					
Preanaesthetic	5.					
assessment	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Inhalation GA	5.					
Illiaiation GA	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Intravenous	5.					
GA	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
Oral	4.					
Intubation	5.					
	6.					
	7.					
	8.					
	9.					
	10.					

# 3.6 Emergency Paediatric anaesthesia

Filling Materials	# Of Cases	Patient File No.	Intern involvement	Date	Supervisor Name	Supervisor Signature
Intravenous	1.	THE ING.	mvorvement			Digitature
access-	2.					
peripheral	3.					
FF	4.					
	5.					
IV fluid	1.					
administration	2.					
	3.					
	4.					
	5.					
Intravenous	1.					
access-central	2.					
	3.					
	4.					
	5.					
Blood	1.					
transfusion	2.					
	3.					
	4.					
	5.					
	6.					
Use of	1					
breathing	2					
circuits	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
Use of a	1					
mechanical	2					
ventilator	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					

3.7 Advanced life support in paediatrics

3.7 Advar Procedure	# Of	Patient	Intern			Supervisor
Troccaure	Cases	File No.	involvement	Date	Supervisor Name	Signature
CPR	1.	The rio.	mvorvement			Signature
CIK	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	11.					
	12.					
	13. 14.					
Dafiballiati	15.					
Defibrillation	1.					
	2.					
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
Use of	1.					
resuscitation	2.					
drugs	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
Anaesthesia	1.					
equipment	2.					
check	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	10.					

# 3.8 Assessments for Anaesthesia for orthopaedic Surgery Rotation

Procedure	# Of Cases	File #	Intern involvement	Date	Supervisor Name	Supervisor Signature
	1.					
	2.					
	3.					
	4.					
Spinal	5.					
Anaesthesia	6.					
Timesmesia	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					1
	4.					1
	5.					
	6.				1	1
	7.					
	8.					
D : 1 1	9.					
Peripheral nerve	10.					
blocks (Ultra sound Guided)	11.					
soulid Guided)	12.					
	13.					
	14.					
	15.					
	16.					
	17.					
	18.					
	19.					
	20.					
_	1.					
Intravenous	2.					
Regional Anaesthesia	3.					
Anaesmesia	4.					
	5.					
	1.					
	2.					
	3.					1
	4.					
Wrist block	5.					
WIIST DIOCK	6.					
	7.					
	8.					
	9.					
	10.	+		1	+	+

	1.			
	2.			
	3.			
	4.			
Ankle block	5.			
Alikie block	6.			
	7.			
	8.			
	9.			
	10.			
	1.			
	2.			
	3.			
	4.			
Brachial plexus	5.			
block	6.			
	7.			
	8.			
	9.			
	10.			
	1.			
	2.			
	3.			
	4.			
Interscalene	5.			
block	6.			
	7.			
	8.			
	9.			
	10.			

# 3.9 Evaluation of the Operating Theatre (Emergency and Elective) Rotation

# 3.9.1 Monthly review of the performance

Month	Comment by Intern	Comment by Supervisor	Comment by Intern Coordinator
ONT (1)	Sign	Sign	Sign
ONE (1)	Date	Date	Date
	STAMP		
TWO (A)	Sign	Sign	Sign
TWO (2)	Date	Date	Date
	STAMP		
THREE (2)	Sign_	Sign	Sign
THREE (3)	Date	Date	Date
	STAMP		
FOUR (4)	Sign_	Sign	Sign
FOUR (4)	Date	Date	Date
	STAMP		
	Sign_	Sign	Sign
FIVE (5)	Date	Date	Date
	STAMP		

SIX (6)	Sign	Sign	Sign
S1A (0)	Date	Date	Date
	STAMP		
CEVEN (7)	Sign	Sign	Sign
SEVEN (7)	Date	Date	Date
	STAMP		
FIGUE (9)	Sign	Sign	Sign
EIGHT (8)	Date	Date	Date
	STAMP		

# 3.9.2 Overall Assessment at the end of the rotation

# Key

- 1. Grade shall be as provided 5.1.2
- 2. Remarks (Satisfactory or Unsatisfactory)

Assessment Area	Competence	Grade	Remarks
	Basic Sciences		
Knowledge	Theoretical Knowledge in the Discipline		
Tano wage	Participation in CPD		
	History Taking		
	Clinical examination		
	Interpretation of laboratory Data and X-Ray Findings		
	Basic Sciences		
Clinical Skills	Theoretical Knowledge in the Discipline		
	Participation in CPD		
	Patient notes		
	Use of drugs		
	Patient Management		
	To patients and caregivers		
	To seniors, colleagues and other health workers		
Professional Conduct	Manifests sincerity, integrity and honest in acts and deeds		
	To the public		
	Punctuality, availability and Time management		
	Takes initiative		
Leadership qualities	Knowledge and adherence to institutional policies and regulations		
	Mentorship of juniors and other professionals		
Overall Score			

**Note:** Overall Score of 30 and below is unsatisfactory performance and the resident's rotations shall be extended.

Supervisor's Comment		
Name	Qualification	HPCZ. No
Signature		Date Stamp
Coordinator's Comment		
Grading		Tick what Applies
Successfully Completed Rotation		
Unsuccessful -(State Extension Pe	eriod Recommended)	
*Note that where a rotation has been grad then after completion of the next depo unsatisfactory. The Extension shall only is shall not exceed 3 months.	artment, shall be required to retu	rn the that departments considered
Name	Qualification	HPCZ. No
Signature	Date	
		Date Stamp

#### 4 Intensive Care Unit (ICU) Rotation

#### 4.1 Assessments for ICU Rotation

#### 4.1.1 **Basic Information**

Intern Name	Internship License No
Internship Centre	
Intensive Care Rotation Period: Start:	End:
Confirmed by (Supervisor) Sign and Stamp:	

#### 4.1.2 Grading:

- 3- The intern meets most of the criteria without assistance
- 2- The intern requires some assistance to meet the stated criteria
- 1- The intern requires considerable assistance to meet the stated criteria
- 0- Unable to meet the criteria completely

NB: Where the grading shall be on a scale of 0 or 1 above, the Supervisor shall be required to give reasons for the said finding and make recommendations in the best interest of the intern and the public.

#### 4.1.3 Intern Involvement

- Performed (P)- The intern does the work as the primary anaesthetist
- Assisted (A)- The Intern assisted the primary anaesthetist in the conduct of anaesthesia
- Observed (O)- The Intern observed the conduct of anaesthesia

# **4.1.4** Rotation Area Requirements:

In this rotation, the Clinical Anaesthetists Intern shall:

- 1. Be able to clerk, investigate and present patients during ICU rounds
- 2. Be able to prepare patients adquately undergoing various ICU procedures
- 3. Be able to follow up with the patients after ICU post anaesthesia and be able to write a proper post anaesthesia summary
- 4. Participate in daily ICU rounds,
- 5. Attend and participate/present in all weekly departmental.
- 6. In addition to the above, at the end of the rotation, one is expected to have participated in the following procedures:

Patient	Skill	# Of Cases	File #	Intern involvement	Date	Supervisor Name	Supervisor
Patient assessment   2.   3.				invoivement		Name	Signature
Patient assessment    3.      4.    5.      Setting up a ventilator (mode selection)    2      5.    3      4    5      Care of a patient on a ventilator    1      0    2      3    4      5    9      Patient sedation in ICU    1      1    1      1    1      2    3      4    5      Weaning a patient from a ventilator    2      3    4      5    5      Central venous access    2      3    4      4    5      Patient monitoring and evaluation    2      4    5      5    5      6    7      7    8      8    9      9    9      1    1      1    1      1    1      2    3      3    4 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Setting up a   1							
Setting up a   1							
Setting up a ventilator (mode selection)	assessment						
ventilator (mode selection)    2      3    4      5    5      Care of a patient on a ventilator    1      6    5      Patient sedation in ICU    2      3    4      4    5      Weaning a patient from a ventilator    2      5    3      4    4      5    5      Central venous access    2      3    4      5    5      Patient monitoring and evaluation    2      4    5      9    3      4    4      5    5      9    3      4    4      5    5      1    1      2    3      3    4      5    5	g						
Selection	Setting up a						
Care of a patient on a ventilator	ventilator (illoue						
Care of a patient on a ventilator	scicction)						
Care of a patient on a ventilator							
on a ventilator    2    3    4    5    9    1		5					
on a ventilator    2    3    4    5    9    1							
Sample   S	Care of a patient						
A	on a ventilator						
Patient sedation in ICU							
Patient sedation in ICU    1							
in ICU							
Sample   S							
A	in ICU						
S   Weaning   a   patient from a   2							
Weaning a patient from a ventilator  1							
patient from a ventilator  2							
Ventilator    3    4      5    5      Central venous access    1    3      4    5    3      Patient monitoring and evaluation    1    1      3    4    5      4    5    5	Weaning a						
Central venous access   2	patient from a						
Central venous access	ventilator	3					
Central venous access    1      2    3      4    5      Patient monitoring and evaluation    1      3    4      5		4					
2		5					
3	Central venous	1					
4   5	access	2					
S   S   S   S   S   S   S   S   S   S		3					
Patient		4					
Patient		5					
monitoring and evaluation 2 3 4 5	Patient						
evaluation 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							
4 5	evaluation						
5							
		6					

# 4.2 Advanced Life Support in ICU

Skill	# Of Cases	File #	Intern involvement	Date	Supervisor Name	Supervisor Signature
	1.					
	2.					
CDD	3.					
CPR	4.					
	5.					
	6.					

Skill	# Of Cases	File #	Intern involvement	Date	Supervisor Name	Supervisor Signature
	7.		111,01,0110110		1,000	Signature
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
	5.					
Defibrillation	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
	3.					
	4.					
Cardioversion	5.					
	6.					
	7.					
	8.					
	9.					
	10.					
	1.					
	2.					
Administration	3.					
of resuscitation	4.					
drugs	5.					
	6.					
	7.					
	8.					
	9.					
	10.					

# 4.3 Evaluation of the Intensive Care Unit (ICU) Rotation

# 4.3.1 Monthly review of the performance

Month	Comment by Intern	Comment by Supervisor	Comment by Intern Coordinator
ONE (1)	Sign_	Sign	Sign
ONE (1)	Date	Date	Date
	STAMP		
TIME (A)	Sign_	Sign	Sign
TWO (2)	Date	Date	Date
	STAMP		
THE (2)	Sign	Sign	Sign
THREE (3)	Date	Date	Date
	STAMP		

# 4.3.2 Overall Assessment at the end of the rotation

# Key

- 3. Grade shall be as provided 5.1.2
- 4. Remarks (Satisfactory or Unsatisfactory)

Assessment Area	Competence	Grade	Remarks
	Basic Sciences		
Knowledge	Theoretical Knowledge in the Discipline		
	Participation in CPD		
	History Taking		
	Clinical examination		
	Interpretation of laboratory Data and X-Ray Findings		
	Basic Sciences		
Clinical Skills	Theoretical Knowledge in the Discipline		
	Participation in CPD		
	Patient notes		
	Use of drugs		
	Patient Management		
	To patients and caregivers		
	To seniors, colleagues and other health workers		
Professional Conduct	Manifests sincerity, integrity and honest in acts and deeds		
	To the public		
	Punctuality, availability and Time management		
	Takes initiative		
Leadership qualities	Knowledge and adherence to institutional policies and regulations		
	Mentorship of juniors and other professionals		
Overall Score			

**Note:** Overall Score of 30 and below is unsatisfactory performance and the resident's rotations shall be extended.

Supervisor's Comment		
Name	Qualification	HPCZ. No
Signature		
Coordinator's Comment		Date Stamp
Grading		Tick what Applies
Successfully Completed Rot	ation	
Unsuccessful -(State Extensi	ion Period Recommended)	
then after completion of the nex	en graded as "Unsatisfactory", the resident she to department, shall be required to return tonly be for the competencies where the Resi	the that departments considered
Name	Qualification	HPCZ. No
Signature	Date	
		Date Stamp

#### 5 Emergency Care Rotation

# 5.1 Assessments for Emergency Care Rotation

#### **5.1.1** 'Basic Information

Interns Name	HPCZ Registration No
Internship Centre	HPCZ Licence No
Period of Rotation: Start:	End:
Name of Supervisor	Signature and Stamp:

#### 5.1.2 Grading:

- 3- The intern meets most of the criteria without assistance
- 2- The intern requires some assistance to meet the stated criteria
- 1- The intern requires considerable assistance to meet the stated criteria
- 0- Unable to meet the criteria completely

NB: Where the grading shall be on a scale of 0 or 1 above, the Supervisor shall be required to give reasons for the said finding and make recommendations in the best interest of the intern and the public.

#### **5.1.3** Intern Involvement

- Performed (P)- The intern does the work as the primary anaesthetist
- Assisted (A)- The Intern assisted the primary anaesthetist in the conduct of anaesthesia
- Observed (O)- The Intern observed the conduct of anaesthesia

#### **5.1.4** Rotation Area Requirements:

In this rotation, the Advance Paramedic Anaesthetists Intern shall:

- 7. Be able to clerk, investigate and present patients during ICU rounds
- 8. Be able to prepare patients adquately undergoing various ICU procedures
- 9. Be able to follow up with the patients after ICU post anaesthesia and be able to write a proper post anaesthesia summary
- 10. Participate in daily ICU rounds,
- 11. Attend and participate/present in all weekly departmental.
- 12. In addition to the above, at the end of the rotation, one is expected to have participated in the following procedures:

Skill	Standard	File No.	Intern involvement	Date	Supervisors Name	Supervisors Signature
		110.	mvorvement		Name	Signature
Use of pulse	10					
oximeter						
Blood pressure	20					
measurements						
Peripheral	5					
intravenous						
cannulation						
Intravenous drug	5					
administration						
CPR	5					
Intramuscular	5					
drug						
administration						
Subcutaneous	5					
drug						
administration						
Use of ECG	10					
Finger prick and	10					
glucose						
measurement						
Administration	10					
of glucose 12%						
Finger sweep	1					
Jaw thrust	3					
Suction of	3					
airway						
Airway	3					
obstruction						
removal						
technique						
General Patient	5					
Treatment						
Vital sign	5					
observation						

# **5.2** Evaluation of the Emergency Care Rotation

# 5.2.1 Monthly review of the performance

Month	Comment by Intern	Comment by Supervisor	Comment by Intern Coordinator
ONE (1)	Sign	Sign	Sign
ONE (I)	Date	Date	Date
	STAMP		

# 5.2.2 Overall Assessment at the end of the rotation

# Key

- 5. Grade shall be as provided 5.1.2
- 6. Remarks (Satisfactory or Unsatisfactory)

Assessment Area	Competence	Grade	Remarks
	Basic Sciences		
Knowledge	Theoretical Knowledge in the Discipline		
	Participation in CPD		
	History Taking		
	Clinical examination		
	Interpretation of laboratory Data and X-Ray Findings		
	Basic Sciences		
Clinical Skills	Theoretical Knowledge in the Discipline		
	Participation in CPD		
	Patient notes		
	Use of drugs		
	Patient Management		
	To patients and caregivers		
	To seniors, colleagues and other health workers		
Professional Conduct	Manifests sincerity, integrity and honest in acts and deeds		
	To the public		
	Punctuality, availability and Time management		
Leadership qualities	Takes initiative		
	Knowledge and adherence to institutional policies and regulations		
	Mentorship of juniors and other professionals		
Overall Score			

**Note:** Overall Score of 30 and below is unsatisfactory performance and the resident's rotations shall be extended.

Supervisor's Comment		
Name	Qualification	HPCZ. No
Signature		
Coordinator's Comment		Date Stamp
Grading		Tick what Applies
Successfully Completed Rot	ation	
Unsuccessful -(State Extensi	ion Period Recommended)	
then after completion of the nex	en graded as "Unsatisfactory", the resident she to department, shall be required to return tonly be for the competencies where the Resi	the that departments considered
Name	Qualification	HPCZ. No
Signature	Date	
		Date Stamp

# Clinical Presentations

Date	Topic	Mark*	Supervisor's Name/ Signature

All interns should at least make 15 clinical presentations

	nent At Completion Of The Internsh HPCZ Licence No	
Internship Centre:	HPCZ Licence No _	
Period of Internship: Start:	End:	
Coordinator's Comment		
Coordinators Recommendations		
Grading		Tick what Applies
Successfully Completed Rotation		
Unsuccessful		
Irremediable		
Name	QualificationR	eg. No
Signature	Date	
Head of Internship Site/Medical l	Director/Superintendent's Comment	Stamp
Grading		Tick what Applies
Successfully Completed Rotation		Tien what rippines
Unsuccessful		
Irremediable		
Name	Position	
Signature		Date Stamp