



UNIVERSITY OF NAIROBI  
SCHOOL OF MEDICINE  
DEPARTMENT OF HUMAN PATHOLOGY  
MBChB

NAME.. PRIYANKA PANWAR.....  
REG. NO.. H31/42209/2017.....  
GROUP.. B.....  
DATES OF ROTATION.. 18.01.2021 - 26.02.2021.....  
SIGNATURE.. *Priyanka*.....

HEAD OF ANATOMIC PATHOLOGY.....  
COMMENT.....  
SIGNATURE.....  
DATE.....

EXTERNAL EXAMINER.....  
COMMENT.....  
SIGNATURE.....

## Marking Scheme (for official use only)

Student number: \_\_\_\_\_ Rotation Group: \_\_\_\_\_

## Summary

Logged activities: \_\_\_\_\_/300

Autopsy: \_\_\_\_\_/300

Total mark: \_\_\_\_\_/600

Total mark (Percentage: \_\_\_\_\_)

Comment on the performance of the student: \_\_\_\_\_

Detailed mark distribution: Logged activities:

ACTIVITY	TOTAL MARKS ELIGIBLE	MARKS AWARDED
CYTOLOGY FNA LOGS	50	
CYTOLOGY PAP LOGS	50	
SURGICAL PATHOLOGY LOGS	50	
FORENSIC PATHOLOGY LOGS	50	
PEDIATRIC PATHOLOGY LOGS	50	
CLINICAL PATHOLOGY LOGS	50	
Total marks	300	

## AUTOPSY PATHOLOGY

ACTIVITY	AUTOPSY 1	AUTOPSY 2	AUTOPSY 3
Completeness of report (total 10 marks)			
Summary of clinical and autopsy findings (5 marks)			
Correct Cause of Death Formulation (15 marks)			
Correct manner of death (5 marks)			
Discussion Section 1: Justification of manner of death (10 marks)			
Discussion section 2: clinical -Pathological correlation (10 marks)			
Discussion section 3: opinion on how similar mortality can be prevented (10 marks)			
Discussion section 4: Bibliography (10 marks)			
Description of External Pathology using skin marking diagram: 10 marks			
Description of external examination using autopsy template: 10 marks			
Description of histopathology (where available): 10 marks (bonus)			

Total marks			
-------------	--	--	--

## OBJECTIVES OF THE CLERKSHIP ROTATION

1. To ensure that the student understands the role of anatomical pathology in the diagnosis, follow up and clinical pathological correlation of disease processes.
2. To understand the rationale and procedure for carrying out forensic and clinical autopsies and death notification
3. Ensure that the student is able to understand quality assurance in anatomical pathology and to be able to obtain and preserve cytopathological and histopathological specimens
4. Ensure that the student is able to objectively request for various tests carried out in anatomical pathology

At the beginning of the rotation the students shall be provided with file copies of this protocol.

Prior to completion of this rotation, the candidate ought to have completed the following:

1. Participated in at least one (1) pediatric autopsy at least one (1) adult clinical autopsy and one (1) adult forensic autopsy and written full reports
2. Participated in and logged in at least five (5) forensic autopsies, five (5) pediatric autopsies and five (5) clinical autopsies and documented them on the log book.
3. Observed at least one (1) special PM dissection technique in one case. The techniques include:
  - I. Evisceration of the spinal cord
  - II. Pelvic dissection in the female reproductive system
  - III. Demonstration and dissection of the vertebral arteries
  - IV. Evisceration of the brain
  - V. Autopsy histopathology

\*All post mortem reports MUST be written using the post mortem template

Hand in at least three (3) post mortem reports at the end of their clerkship rotation.

4. Histopathology:
  - I. Observed trimming in at least five (5) specimens
  - II. Observed processing of at least five (5) specimens
  - III. Observed staining of at least five (5) specimens
  - IV. Participated in the reporting of at least five (5) histopathological specimens as evidenced by the duly completed logging forms on the same.
5. Cytopathology
  - I. Attend at least four (4) FNAC Clinics
  - II. Screened at least five (5) FNAs
  - III. Written reports on at least five (5) fine needle and other aspirates as evidenced by the duly completed logging forms on the same.
6. Pap smears
  1. Attend at least five (5) pap smear sessions at the gynae clinic in protocol
  2. Observed the staining of at least five (5) pap smears.
  3. Reported at least five (5) pap smears as evidence by the duly completed logging forms on the same.
7. Attended all the clerkship presentations for their respective rotations as evidenced by the signed log and typed presentations.

A completed log book must be handed in for marking at least two weeks prior to sitting of the final examinations

(LOGBOOK DEVELOPED IN 2007, REVISED 10<sup>th</sup> JANUARY, 2019)

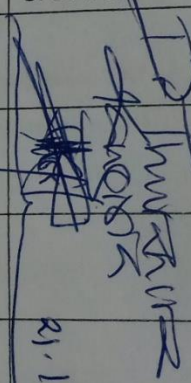
## FNAC LOGGING FORM

Pathologist... DR. THURANIRA KAUGIRA .....

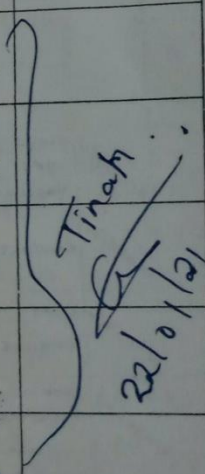
Technologist... CHRISTINE .....

DATE Received in the laboratory... 21.01.2021 .....

Date Dispatched... 22.01.2021 .....

SERIAL NUMBER	LAB NUMBER	SITE OF ASPIRATION	CLINICAL DIAGNOSIS	CYTOPATHOLOGICAL DIAGNOSIS	DATE REPORTED	SUPERVISOR SIGNATURE
1.	CF/066/21	RIGHT SIDE OF NECK	RIGHT NECK ABSCESS	ABSCESS NEGATIVE FOR MALIGNANCY	29.01.2021	 DR. THURANIRA KAUGIRA 21.1.2021
2.	CF/067/21	ANTERIOR SIDE OF NECK	GOITRE	UNSATISFACTORY FOR EVALUATION	29.01.2021	
3.	CF/068/21	LEFT PARIETO-OCCIPITAL REGION OF THE HEAD	CYSTIC MASS	BENIGN CYST NEGATIVE FOR MALIGNANCY	29.01.2021	
4.	CF/071/21	RIGHT SUPRACLAVICULAR REGION	? LIPOMA	SIMPLE LIPOMA	01.02.2021	
5.	CF/072/21	RIGHT CERVICAL REGION	TB ADENITIS	CHRONIC GRANULOMATOUS LYMPHADENITIS	01.02.2021	

PAP SMEAR LOGGING FORMPathologist DR. AKETCHTechnologist TINAHDATE Received in the laboratory 23.01.2021Date Dispatched 25.01.2021

SERIAL NUMBER	LAB NUMBER	SITE OF ASPIRATION	CLINICAL DIADNOSIS	CYTOPATHOLOGICAL DIAGNOSIS	DATE REPORTED	SUPERVISOR SIGNATURE
1.	CP/070/21	CERVIX	ROUTINE	RADIATION ATYPICAL SQUAMOUS CELLS OF UNDETERMINED SIGNIFICANCE	02.02.2021	 Tinah 22/01/21
2.	CP/071/21	CERVIX	ROUTINE	WITHIN NORMAL LIMITS. NEGATIVE FOR INTRAEPITHELIAL LESIONS OR MALIGNANCY	02.02.2021	
3.	CP/072/21	CERVIX	ROUTINE	WITHIN NORMAL LIMITS. NEGATIVE FOR INTRAEPITHELIAL LESIONS OR MALIGNANCY	02.02.2021	
4.	CP/073/21	CERVIX	ROUTINE	WITHIN NORMAL LIMITS. NEGATIVE FOR INTRAEPITHELIAL LESIONS OR MALIGNANCY	02.02.2021	
5.	CP/074/21	CERVIX	ROUTINE	UNSATISFACTORY	02.02.2021	

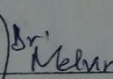

## SURGICAL PATHOLOGY LOGGING FORM

Trimming Date 25.01.2021

Doctor's Name (TRIMMING) DR. MELVIN

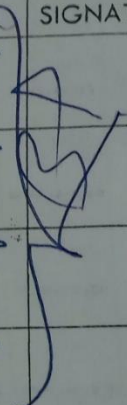
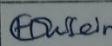
DATE Received in the laboratory 22.01.2021

Technologist's Name KERUBO KENANI

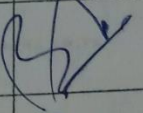
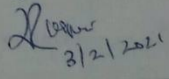
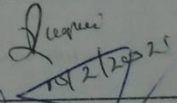
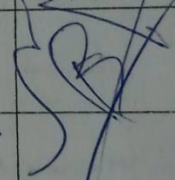
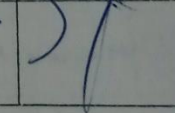
SERIAL NO.	LAB NO.	SITE OF BIOPSY	TYPE OF BIOPSY (EXCISION, INCISION, PUNCH, NEEDLE, ETC)	CLINICAL DIADNOSIS	HISTOPATHOLOGICAL DIAGNOSIS	DATE REPORTED	SUPERVISOR SIGNATURE
1.	310279/21	RIGHT AND LEFT VALLECULA	Excision	CANCER OF THE TONGUE	MICRO-INVASIVE SQUAMOUS CELL CARCINOMA OF THE PHARYNX	03.02.2021	 
2.	310228/21	CONJUNCTIVA	Excision	RIGHT SQUAMOUS CELL CARCINOMA	SQUAMOUS CELL CARCINOMA (VERRUCOUS TYPE, GRADE I, WELL DIFFERENTIATED)	01.02.2021	
3.	310224/21	LEFT BREAST	Excision	?FIBROADENOMA	CELLULAR FIBROADENOMA	03.02.2021	
4.	310300/21	PROXIMAL TRANSVERSE COLON	Core Biopsy	?METASTATIC Dx TO THE LIVER	COLORECTAL ADENOCARCINOMA GRADE 1 WELL DIFFERENTIATED. ACUTE COLITIS (LYMPHOPLASMATIC)	03.02.2021	
5.	310301/21	RIGHT AND LEFT FALLOPIAN TUBE	Excision	BILATERAL TUBAL LIGATION	BILATERAL TUBAL LIGATION	03.02.2021	



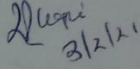
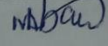
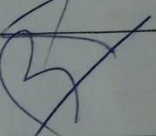

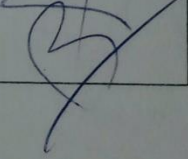
## FORENSIC AUTOPSY LOGGING FORM

SERIAL NUMBER	DATE	AUTOPSY NUMBER	CIRCUMSTANCES	CAUSE OF DEATH	SUPERVISOR NAME	SUPERVISOR SIGNATURE
1.	27.01.2021	A/0094/21	FELL FROM A ROOF	LUNG INFARCTION SECONDARY TO PULMONARY THROMBOSIS	DR. BERNARD MIDIA	
2.	27.01.2021	A/0095/21	BURNT WHEN GAS CYLINDER EXPLODED	COMPLICATIONS OF BURNS WITH INHALED BURN INJURY (10%)	DR. BERNARD MIDIA	
3.	27.01.2021	A/0093/21	ROAD TRAFFIC ACCIDENT	I. PULMONARY TUBERCULOSIS II. SPINAL INJURY SECONDARY TO BLUNT FORCE TRAUMA	DR. BERNARD MIDIA	
4.	27.01.2021	A/0103/21	SLIPPED AND FELL ON THE STAIRS	HEAD INJURY SECONDARY TO BLUNT FORCE TRAUMA	DR. BERNARD MIDIA	
5.	29.01.2021	A/102/21	ROAD TRAFFIC ACCIDENT	HEAD INJURY SECONDARY TO BLUNT FORCE TRAUMA	DR. HUZEIN	 29/01/2021

## PEDIATRIC AUTOPSY LOGGING FORM

SERIAL NUMBER	DATE	AUTOPSY NUMBER	CIRCUMSTANCES	CAUSE OF DEATH	SUPERVISOR NAME	SUPERVISOR SIGNATURE
1.	27.01.2021	A/0096/21	BURNS	COMPLICATIONS OF BURNS (62%), 3 <sup>RD</sup> /4 <sup>TH</sup> DEGREE BURNS	DR. BERNARD MIDIA	
2.	02.02.2021	A/113/21	UNDERWENT SURGERY FOR VENTRICULAR SEPTAL DEFECT REPAIR	CARDIAL ARREST SECONDARY TO ARRHYTHMIAS	DR. J. NDUNGU	 3/2/2021
3.	05.02.2021	A/128/21	TRAUMATIC BIRTH	TRAUMATIC BIRTH INJURY LEADING TO SAH	DR. J. NDUNGU	 14/2/2021
4.	08.02.2021	A/133/21	BURNS	COMPLICATIONS OF 56% TOTAL BODY BURNS	DR. BERNARD MIDIA	
5.	10.02.2021	A/142/21	BURNS	COMPLICATIONS OF 13% TOTAL BODY BURNS	DR. BERNARD MIDIA	

ADULT CLINICAL AUTOPSY LOGGING FORM

SERIAL NUMBER	DATE	AUTOPSY NUMBER	CIRCUMSTANCES	CAUSE OF DEATH	SUPERVISOR NAME	SUPERVISOR SIGNATURE
1.	02.02.2021	A/015/21	PREGNANT RND PATIENT WITH PTS THAT PROGRESSED TO TB MENINGITIS	TB MENINGITIS	DR. J. NOUNG'U	 3/2/21
2.	05.02.2021	A/127/21	PT PRESENTED WITH CONVULSIONS, PRE-ECLAMPSIA, AKI?	ECLAMPSIA	DR. WATHERA	
3.	07.02.2021	A/143/21	UNDERWENT OPEN HEART SURGERY, DIED DURING PROCEDURE	HAEMORRHAGE	DR. BERNARD MIDIA	
4.	11.02.2021	A/146/21	PT. WAS SUCCESSFULLY REVERSED FROM ANESTHESIA BUT DETERIORATED FOR UNKNOWN REASONS (AND DIED)	HAEMORRHAGIC FACIO-ORBITAL TUMOUR WITH INTRACRANIAL EXTENSION	DR. NYACHAE	 19.02.21.
5.	18.02.2021	A/158/21	PATIENT ADMITTED TO ICU AND DIED WHILE UNDERGOING TREATMENT	TOXOPLASMOISIS SECONDARY TO RND	DR. BERNARD MIDIA	

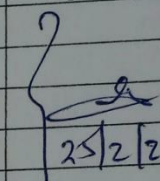
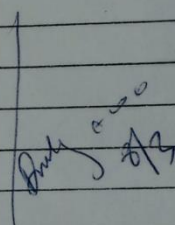
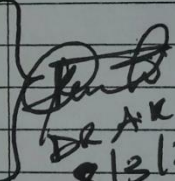
## AUTOPSY REPORTS

A complete autopsy must have the following:

1. Biodata and other identifying information.
2. Clinical (or antemortem) diagnosis.
3. Autopsy Diagnosis in WHO ICD 10 format
4. Manner of death
5. Clinical Summary.
6. Summary of autopsy findings
7. Discussion section providing the following opinions:
  - a. The manner of death and why the specific manner of death has been identified.
  - b. Clinical-Pathological correlation (how the autopsy findings explain the clinical features)
  - c. How similar mortalities can be prevented
  - d. Bibliography (list of books or other sources referred to in the development of this report)
8. Detailed description of autopsy findings in standardized external examination using
  - a. skin marking diagram
  - b. gross pathology description template
  - c. Attached clinical summary, police forms or other relevant documents

UNIVERSITY OF NAIROBI  
SCHOOL OF MEDICINE

### CLERKSHIP PRESENTATIONS MBChB IV STUDENTS

No.	Date:	Topic:	Facilitator/ Supervisor's Name	Facilitator/ Supervisor's Signature
1.	24.02.2021	ULCERATIVE COLITIS	DR. MUNGANIA	 25/2/21
2.	24.02.2021	MOBILE BREAST LUMP	DR. MUNGANIA	
3.	24.02.2021	GUN SHOT WOUNDS	DR. MUNGANIA	
4.	24.02.2021	PREMALIGNANT LESIONS	DR. MUNGANIA	
5.	03.03.2021	THROMBOTIC MICROANGIOPATHIES (TMA)	DR. WALONG	 
6.	03.03.2021	FALLOPIAN TUBE AS ORIGIN OF OVARIAN CANCER	DR. WALONG	
7.	03.03.2021	EXTRARENAL MANIFESTATIONS OF COMPLEMENT MEDIATED TMA	DR. WALONG	
8.	03.03.2021	COVIDIA PULMONARY PATHOLOGY	DR. WALONG	
9.	04.03.2021	PREGNANCY ASSOCIATED aHUS	DR. WALONG	
10.	04.03.2021	ETIOLOGY AND OUTCOMES OF TMA	DR. WALONG	
11.	04.03.2021	FORENSIC TOXICOLOGY	DR. GACHII	 DR. A.K. GACHII 8/3/2021
12.	04.03.2021	POISON INGESTION	DR. GACHII	
13.	04.03.2021	SUDDEN INFANT DEATH SYNDROME	DR. GACHII	
14.	04.03.2021	MEDICAL EXAMINER - SEXUAL ASSAULT	DR. GACHII	
15.	04.03.2021	WOUNDS	DR. GACHII	

(LOGBOOK DEVELOPED IN 2007, REVISED 10<sup>th</sup> JANUARY, 2019)