

LOGBOOK

Page 1 – Resident's Details

Name	Date of Birth	OMSB No.
Degree	Year	Region
Date of entry into residency		
Date of completion of residency		

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PART 1 - INTRODUCTION

Logbook of histopathology is intended for the resident trainee to document training activities regularly. This helps in knowing the experience gained in different aspects of the training at the end of each rotation. The resident should consider this as a diary to record all activities during the period.

Each documentation needs to be countersigned by the concerned supervisor/s. The logbook also aims to help the Programme Director and Assistant Directors to follow-up the progress of the resident. The Programme Director will be responsible for half yearly verification of the entries in this book.

PART 3 - SUMMARY OF TRAINING (please enter number of weeks spent and indicate hospital you were attached to)

Attachment	Year 1		Year 2		Year 3	
	Period	Institution	Period	Institution	Period	Institution
Surgical and autopsy experience						
Cytopathology experience						
Neuropathology experience						
Paediatric pathology						
Specialist area experience e.g. renal, liver, skin, bone, etc. (Please specify)						
Research activities						
Additional experience e.g. audit/management, others (e.g. Management Quality, Safety, etc.) (Please specify)						
Miscellaneous (Please specify)						

SUMMARY OF TRAINING (please enter number of months spent and indicate hospital you were attached to)

Attachment	Year 4		Year 5	
	Period	Institution	Period	Institution
Surgical and autopsy experience				
Cytopathology experience				
Neuropathology experience				
Paediatric pathology				
Specialist area experience e.g. renal, liver, dermatopathology (Please specify)				
Research activities				
Additional experience e.g. audit/management, administrative (Please specify)				
Miscellaneous (Please specify)				

PART 4 - RECORD OF TRAINING

Resident Level: _____
 P.D./Asst. : _____

Period: From ___/___/___ to ___/___/___

<i>Rotation</i>	<i>Time spent in weeks/months</i>	<i>Institute</i>
General Histopathology		
Cytopathology		
Paediatric Pathology		
Neuropathology		
Orthopaedic Pathology		
Other specialist area (pls. specify)		
<i>Experience gained</i>		<i>Approximate No.</i>
<u>Surgical Pathology</u>		
Cut ups		
Surgical cases (microscopy)		
Frozen sections attended		
Neuropathology (surgical cases)		
Paediatric pathology (surgical cases)		
Orthopaedic pathology (surgical cases)		
Other specialist areas (pls specify)		
<u>Cytopathology</u>		
Techniques (pls specify Observed, Supervised, Independently done)		
Cytospin		
Papanicolau		
Giemsa		
Modified methenamine silver for Pneumocystis		
Others (specify)		
<u>Cytopathology</u>		
• Gynae		
• Screened		
○ Reported with Supervision		
• Non-gynae		
○ Body fluids		
○ Urine		
○ Sputum		
• Nipple discharge		
• Fine needle aspiration		
○ Performed		
○ Reported with supervision		
<u>Autopsy</u>		
No. Observed		
No. Performed		

	<i>Time spent in weeks/months</i>	<i>Institute</i>
<i>Additional Experience (please specify)</i>		
Clinical Conferences		
Hospital clinical meetings		
Journal Clubs		
Local Seminars		
Slide Sessions		
National Conferences		
International Conferences		
Research activities		
Examinations		
Name of Trainee:		
Signature:		
Name of Program Director/PD Assistant:		
Signature:		

HISTOLOGICAL STAINS and STAINING METHODS*

Techniques and Procedures done	Year	Date	Comments	Signature of Technical Supervisor
Know the use of haematoxylin and Eosin stains including variants				
Van Gieson stain				
Reticulin stain				
Elastic stain				
Trichrome stain				
M.S.B. stain				
Periodic Acid Schiff stain				
Alcian blue				
Mucicarmine				
Oil red O/Sudan black				
Van Kossa				
Perl's stain				
Gram stain for organisms				
Ziehl Neelsen stain				
Wade fite stain				
Congo red stain				
Control of staining methods				
Recognition of staining artefacts				

Note:

- H&E stain should be done for at least three (3) times
- Applicable only to Year I

Attachment	Hospital	Date: from ___ / ___ to ___ / ___	Educational Supervisor
Haematology			

Attachment		Signature of Educational Supervisor
HAEMATOLOGY	Experience Gained	
	<ul style="list-style-type: none"> • Peripheral blood film seen (give approximate number) 	
	<ul style="list-style-type: none"> • Peripheral smear making <ul style="list-style-type: none"> ○ staining techniques 	
	<ul style="list-style-type: none"> • Identification of malaria and subtypes, microfilariae, and Leishmania Donovanii 	
	Interpretation	
	<ul style="list-style-type: none"> • Bone marrow aspirates <ul style="list-style-type: none"> ○ Smear making ○ Staining ○ Interpretation 	
	<ul style="list-style-type: none"> • Case studies such as: <ul style="list-style-type: none"> ○ Sickle cell disease ○ Thalassaemia ○ Leukaemias ○ Myeloma 	
	<ul style="list-style-type: none"> • Flow cytometry <ul style="list-style-type: none"> ○ Principle discussed ○ Technique observed ○ Scatter plot interpretation basics <ul style="list-style-type: none"> ▪ Normal blood ▪ ALL ▪ AML 	
	<ul style="list-style-type: none"> • Blood bank 	

Attachment	Hospital	Date: from __/__/__ to __/__/__	Educational Supervisor
Microbiology			

Attachment		Signature of Educational Supervisor
MICROBIOLOGY	Experience Gained	
	• Urine	
	○ Technique observed	
	○ Routine, microscopy	
	○ Culture reading and reporting	
	• Stool	
	○ Technique observed	
	○ Routine, microscopy	
	○ Culture reading and reporting	
	• Sputum	
	○ Technique observed	
	○ Routine, microscopy	
	○ Sputum Microscopy Gram and AFB smears	
	○ Culture reading and reporting	
	• Media	
	○ Media preparation principles	
	○ Media types	
	○ Selection of media for different microorganisms	
	○ Microorganisms seen	
	• Blood & CSF	
	○ Examination of Blood Culture smears	
	○ Examination of CSF	
	○ Culture reading and reporting	
	• Antibiotics	
	○ Principles of antibiotic susceptibility testing	
	○ Reading and reporting Ab sensitivities	
	• Serology	
○ Knowing the principles and performing the ff:		
▪ Agglutination tests		
▪ ELISA		
▪ Immunofluorescence		

Attachment	Hospital	Date: from __/__/__ to __/__/__	Educational Supervisor
Biochemistry			

<i>Attachment</i>		<i>Signature of Educational Supervisor</i>
BIOCHEMISTRY	• Observe routine lab work	
	• Tumour markers	
	○ Hormones	
	○ Paraproteins	
	○ Infertility screening	

IMMUNOFLUORESCENCE

Procedure	Date	Comments	Signature of PD/Assistant
Observed			
Interpret results on			
* Kidney			
* Skin biopsy			
Other			

MMUNOHISTOCHEMISTRY

Procedure	Date	Comments	Signature of PD/Assistant
Observed			
Principle			
Interpretation			
Pitfalls			
* Examples of Immuno-markers (procedure observed and result interpreted)			

ELECTRON MICROSCOPY

Procedure	Date	Comments	Signature of PD/Assistant
Observed			
Identification of normal cell organelles			
Diagnostic ultrastructure			
Example of cases seen			