



M. Phil Histopathology – Zero Module Spring 2026

Activity	Details & Learning Outcomes	Setting	Duratio
DIAGNOSTIC HISTOPATHOLOGY & CYTOPATHOLOGY	<p><u>GROSSING & REPORTING OF SURGICAL SPECIMENS</u></p> <ul style="list-style-type: none">Understand the role of gross examination in surgical pathology diagnosisCorrectly receive, identify, label, and fix routine surgical specimensPerform basic grossing of common specimens following CAP grossing checklists (orientation, inking, margins, tumor sampling) under supervision.Systematically describe specimens including size, shape, color, consistency, and marginsSelect representative tissue sections for processing and reportingUnderstand the format and components of a standard histopathology reportWrite concise gross and microscopic descriptions using appropriate terminologyCorrelate clinical information, gross findings, and microscopyRecognize common benign and inflammatory lesions and identify cases needing senior input <p><u>GROSSING & REPORTING OF CYTOLOGY SPECIMENS (FNAC & EXFOLIATIVE CYTOLOGY)</u></p> <ul style="list-style-type: none">Understand the principles, indications, and limitations of cytological examinationAssist in and perform basic FNAC procedures under supervisionHandle cytology specimens correctly, including labeling, fixation, and smear preparationAssess specimen adequacy and cellularityRecognize basic cytomorphological patterns (inflammatory, benign, malignant)Reporting cytology cases using simple, standardized diagnostic categoriesCorrelate cytological findings with clinical and radiological informationIdentify limitations of cytology and the need for histopathological confirmation <p><u>SYSTEM-BASED GROSSING & REPORTING</u></p> <ul style="list-style-type: none">Apply CAP grossing and reporting principles to system-specific specimens	<p><u>Department of Pathology, Fatima Memorial College of Medicine & Dentistry, Lahore</u></p> <ul style="list-style-type: none">Renal System PathologyUrinary System PathologyMale Genital System PathologyGastrointestinal Tract PathologyHepatobiliary Systems <p><u>Department of Pathology, Allama Iqbal Medical College, Lahore</u></p> <ul style="list-style-type: none">Female Genital TractBreast PathologyRespiratory System PathologyCVS & MediastinumSkin PathologyHemato-lymphoid system <p><u>Department of Pathology, Ameer-ud-Din Medical College/ Lahore General Hospital, Lahore</u></p> <ul style="list-style-type: none">Head & Neck & Salivary gland PathologyCNS PathologyEndocrine PathologyBones & Joints PathologySoft tissue Pathology <p><u>Department of Histopathology, UHS</u></p>	1 month 1 month 1 month



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Department of Histopathology

DAILY PERFORMANCE REPORT(DPR)

1. TRAINEE INFORMATION

Name of Postgraduate Student: _____

Department/Program: _____

Rotation/Section: _____

Host Institution: _____

Focal Person/ Supervisor: _____

Date: _____

2. DAILY ATTENDANCE & TIMINGS

Arrival Time: _____

Departure Time: _____

3. ACTIVITIES PERFORMED TODAY

A. Laboratory / Diagnostic Work (Histopathology/Cytopathology/Advanced techniques in Pathology/Molecular Pathology):

Grossing and sample processing of Surgical Specimens

FNAC and sample processing of Cytology Specimens

Microscopy

Equipment use

Domain	Activity	Observed / Performed	Supervisor Remarks
Gross Examination			
FNAC Performance & Processing			
Tissue Processing			
Microscopic Assessment			
Histopathologic Reporting			
Correlation & Final Interpretation			



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4. Daily Reflection (Trainee)

5. Supervisor's Comments

6. Signatures

Postgraduate Student: _____

Focal Person / Supervisor: _____

UHS Coordinator (If applicable): _____



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Zero Module – MPhil Postgraduate Students

1. Trainee Information

Field	Details	Field	Details
Name of Postgraduate Student		Program	
Discipline		Rotation Title	
Host Institution / Department		Rotation Duration	
Supervisor (Focal Person)		Evaluation Date	

2. Evaluation Criteria

Criteria	Excellent	Good (4)	Satisfactory (3)	Needs Improvement (1-2)
1. Punctuality & Attendance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Professional Behavior & Ethics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Laboratory / Diagnostic Competency (Where applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Clinical Reasoning & Case Understanding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Execution of Required Skills / Procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Documentation, Reporting & Record Keeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Communication with Faculty / Staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Teamwork & Cooperation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Critical Thinking & Problem Solving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Overall Professional Attitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



3. Supervisor's Narrative Evaluation

Strengths:

Areas Needing Improvement:

Recommendations:

4. Final Evaluation

Overall Performance	Rating
Excellent / Good / Satisfactory / Needs Improvement	

5. Signatures

Role	Name	Signature	Date
Supervisor / Focal Person			
Postgraduate Student			
UHS Coordinator (If applicable)			



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Biopsy Number _____

System: _____

Reporting Date: _____

Procedure _____

Site of specimen: _____

GROSS:

MICROSCOPIC DESCRIPTION:

DIAGNOSIS:

NOTE:

Prepared By:

Verified By:



SYSTEM-BASED DIAGNOSTIC PATHOLOGY: CORE ORGAN SYSTEMS

1. Head & Neck & Salivary Gland Pathology

Benign

- Pleomorphic adenoma
- Nasal polyp

Malignant

- Squamous cell carcinoma (oral cavity, larynx)

2. Female Genital Tract Pathology

Benign

- Leiomyoma (uterus)
- Phases of Endometrium
- Endometrial polyp
- Ovarian cysts
- Mature Cystic Teratoma

Malignant

- Endometrial carcinoma
- Cervical squamous cell carcinoma

3. Breast Pathology

Benign

- Fibroadenoma
- Fibrocystic change
- Gynecomastia

Malignant

- Invasive ductal carcinoma (NST)
- Invasive lobular carcinoma
- Ductal carcinoma in situ (DCIS)

4. Respiratory System & Pleura Pathology

Benign

- Tuberculosis

Malignant

- Squamous cell carcinoma
- Adenocarcinoma of lung

5. Renal System Pathology

Benign

- Adequate Renal Biopsy interpretation
- Glomerulonephritis (Basic Concept)
- Tubular & Interstitial Diseases (ATN/Necrosis)

Malignant

- Renal cell carcinoma (clear cell)

6. Urinary System Pathology

Benign



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Malignant

- Urothelial carcinoma (bladder)

7. Male Genital System Pathology

Benign

- Benign prostatic hyperplasia

Malignant

- Prostatic adenocarcinoma
- Seminoma

8. Cardiovascular System & Mediastinum

- Hemangioma
- Thymoma

9. Central Nervous System (CNS) Pathology

Benign

- Meningioma
- Schwannoma

Malignant

- Glioblastoma

10. Endocrine Pathology

Benign

- Lymphocytic Thyroiditis
- Colloid Nodule (Multinodular goiter)

Malignant

- Papillary thyroid carcinoma

11. Bones & Joints Pathology

Benign

- Giant cell tumor

Malignant

- Osteosarcoma

12. Soft Tissue Pathology

Benign

- Lipoma
- Hemangioma
- Leiomyoma
- Benign Spindle Cell Lesion

Malignant

- Leiomyosarcoma

13. Hematopoietic & Lymphoid System Pathology

Benign / Reactive

- Reactive lymphoid hyperplasia
- Tuberculous Lymphadenitis

Malignant

- Hodgkin lymphoma (Basics)



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- Non-Hodgkin lymphoma (Basics)

14. Skin Pathology

Benign

- Epidermal inclusion cyst
- Squamous Papilloma

Malignant

- Basal cell carcinoma
- Squamous cell carcinoma
- Malignant melanoma

15. Gastrointestinal Tract Pathology

Benign

- Chronic Gastritis
- Acute Appendicitis
- Colitis

Malignant

- Adenocarcinoma (esophagus, stomach, colon)

16. Hepatobiliary System Pathology

Benign

- Chronic Cholecystitis

Malignant

- Hepatocellular carcinoma