



UNIVERSITY OF HEALTH SCIENCES, LAHORE
Department of Histopathology
M. Phil Histopathology – Zero Module Spring 2026

Activity	Details & Learning Outcomes	Setting	Duration
DIAGNOSTIC HISTOPATHOLOGY & CYTOPATHOLOGY	<u>GROSSING & REPORTING OF SURGICAL SPECIMENS</u> <ul style="list-style-type: none"> Understand the role of gross examination in surgical pathology diagnosis Correctly receive, identify, label, and fix routine surgical specimens Perform 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 margins Select representative tissue sections for processing and reporting Understand the format and components of a standard histopathology report Write concise gross and microscopic descriptions using appropriate terminology Correlate clinical information, gross findings, and microscopy Recognize common benign and inflammatory lesions and identify cases needing senior input 	<u>Department of Pathology, Fatima Memorial College of Medicine & Dentistry, Lahore</u> <ul style="list-style-type: none"> Renal System Pathology Urinary System Pathology Male Genital System Pathology Gastrointestinal Tract Pathology Hepatobiliary Systems 	1 month
	<u>GROSSING & REPORTING OF CYTOLOGY SPECIMENS (FNAC & EXFOLIATIVE CYTOLOGY)</u> <ul style="list-style-type: none"> Understand the principles, indications, and limitations of cytological examination Assist in and perform basic FNAC procedures under supervision Handle cytology specimens correctly, including labeling, fixation, and smear preparation Assess specimen adequacy and cellularity Recognize basic cytomorphological patterns (inflammatory, benign, malignant) Reporting cytology cases using simple, standardized diagnostic categories Correlate cytological findings with clinical and radiological information Identify limitations of cytology and the need for histopathological confirmation 	<u>Department of Pathology, Allama Iqbal Medical College, Lahore</u> <ul style="list-style-type: none"> Female Genital Tract Breast Pathology Respiratory System Pathology CVS & Mediastinum Skin Pathology Hemato-lymphoid system 	1 month
	<u>SYSTEM-BASED GROSSING & REPORTING</u> <ul style="list-style-type: none"> Apply CAP grossing and reporting principles to system-specific specimens 	<u>Department of Pathology, Ameer-ud-Din Medical College/ Lahore General Hospital, Lahore</u> <ul style="list-style-type: none"> Head & Neck & Salivary gland Pathology CNS Pathology Endocrine Pathology Bones & Joints Pathology Soft tissue Pathology 	1 month
		Department of Histopathology, UHS	



UNIVERSITY OF HEALTH SCIENCES, LAHORE
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			



UNIVERSITY OF HEALTH SCIENCES, LAHORE
Department of Histopathology

4. Daily Reflection (Trainee)

5. Supervisor's Comments

6. Signatures

Postgraduate Student: _____

Focal Person / Supervisor: _____

UHS Coordinator (If applicable): _____



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Department of Histopathology

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END OF ROTATION EVALUATION PROFORMA
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"/>



UNIVERSITY OF HEALTH SCIENCES, LAHORE
Department of Histopathology

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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Department of Histopathology

Biopsy Number _____

System: _____

Reporting Date: _____

Procedure _____

Site of specimen: _____

GROSS:

MICROSCOPIC DESCRIPTION:

DIAGNOSIS:

NOTE:

Prepared By:

Verified By:



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Department of Histopathology

SYSTEM-BASED DIAGNOSTIC PATHOLOGY: CORE ORGAN SYSTEMS

1. Head & Neck & Salivary Gland Pathology

Benign

- Pleomorphic adenoma
- Nasal polyp

2. Female Genital Tract Pathology

Benign

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

3. Breast Pathology

Benign

- Fibroadenoma
- Fibrocystic change
- Gynecomastia

4. Respiratory System & Pleura Pathology

Benign

- Tuberculosis

5. Renal System Pathology

Benign

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

Malignant

- Renal cell carcinoma (clear cell)

Malignant

- Squamous cell carcinoma (oral cavity, larynx)

Malignant

- Endometrial carcinoma
- Cervical squamous cell carcinoma

Malignant

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

Malignant

- Squamous cell carcinoma
- Adenocarcinoma of lung

6. Urinary System Pathology

Benign



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Department of Histopathology

- Cystitis

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)



UNIVERSITY OF HEALTH SCIENCES, LAHORE
Department of Histopathology

- 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