

CYTOPATHOLOGY

ROTATION EDUCATIONAL OBJECTIVES AND GOALS	GYN/GU	FNA NON-GYN
Patient Care		
1. To develop basic proficiency in fine needle aspiration techniques, under the supervision of attending faculty		X
2. To understand cytopreparatory techniques, types of preparations, their usage, and indications	X	X
3. To understand ways in which cytologic diagnoses are applied to therapeutic decision-making by the clinical staff	X	X
4. To serve as a first-line consultant regarding cytologic diagnoses for the clinical staff	X	X
Medical Knowledge		
1. To understand the principles of microscopic screening	X	X
2. To understand principles and specific systems of QA and QC in the cytopathology laboratory	X	X
3. To understand regulatory issues governing screening (QA and QC) and the cytopathology laboratory	X	X
4. To understand the role of cytopathology in population screening and its impact on natural history of diseases	X	X
5. To achieve basic competency in recognizing commonly observed lesions in gynecologic cytology, body fluids, and FNA specimens	X	X
6. To understand and apply the systems in current usage for classifying and reporting cytologic findings.	X	X
7. To learn appropriate application of ancillary techniques, such as immunohistochemistry and flow cytometry, to cytopathologic specimens		X
8. To understand basic concepts of disease and correlation with morphology	X	X
9. To develop an investigatory and analytic thinking approach to cytopathologic diagnoses	X	X
Interpersonal and Communication Skills		
1. To develop proficiency in presentation of cytopathology findings to cytotechnologists, pathologists, medical students, and clinicians	X	X
2. To use effective writing skills and appropriate terminology to generate the cytopathology report	X	X
3. To teach medical students who are assigned cytopathology cases for Pathology Course (Disease Diagnosis and Therapeutics). In this role, the fellow will develop the ability to explain fine needle aspiration and other cytopathologic techniques, describe cytologic findings, clarify clinicopathologic issues, direct students to appropriate faculty with specific expertise, and participate in assigned laboratory sessions for the course.	X	X
4. To communicate effectively and in a reassuring manner with patients regarding indications and performance of fine needle aspiration		X
Professionalism		

1. To demonstrate respect, compassion, and integrity in the performance of fine needle aspiration procedures		X
2. To complete written reports in a timely fashion	X	X
3. To work effectively as a team with clinicians, cytotechnologists and other technical staff, and treat clinical, technical and administrative staff with respect	X	X
ROTATION EDUCATIONAL OBJECTIVES AND GOALS	GYN/GU	FNA NON-GYN
Systems-Based Practice		
1. To provide consultative support for other patient care units including advising about safety and cost effectiveness of testing and procedures, interpreting ancillary testing associated with diagnostic procedures and promptly investigating unexpected results	X	X
2. To use modern laboratory information systems to transmit patient results in a standardized and effective manner	X	X
3. To provide educational support for clinicians about new procedures and reporting practices in advance of their adoption	X	X
Practice-Based Learning and Improvement		
1. To utilize teaching file for self-assessment	X	X
2. To locate, appraise, and assimilate pertinent evidence from scientific studies	X	X
3. To gain an understanding of newer technologies available for cytologic diagnoses	X	X
4. To demonstrate effective problem solving skills, using a wide variety of information resources	X	X
5. Participate in systematic Quality Improvement through non-gynecologic monthly Quality Assurance report		X
6. Participate in systematic Quality Improvement through weekly participation in gynecologic colposcopy multidisciplinary conference	X	

SKILLS AND COMPETENCIES THE FELLOW SHOULD MASTER BY THE END OF THE FELLOWSHIP

Patient care

- Develop basic proficiency in fine needle aspiration techniques
- Understand cytopreparatory techniques, types of preparations, their usage, and indications
- Understand ways in which cytologic diagnoses are applied to therapeutic decision-making by the clinical staff
- To be able to serve as a first-line consultant regarding cytologic diagnoses for the clinical staff

Medical knowledge

- Understand the principles of microscopic screening
- Understand principles and specific systems of QA and QC in the cytopathology laboratory
- Understand regulatory issues governing screening (QA and QC) and the cytopathology laboratory
- Understand the role of cytopathology in population screening and its impact on natural history of diseases
- Achieve basic competency in recognizing commonly observed lesions in gynecologic cytology, body fluids, and FNA specimens
- Understand and apply the systems in current usage for classifying and reporting cytologic findings.
- Learn appropriate application of ancillary techniques, such as immunohistochemistry and flow cytometry, to cytopathologic specimens
- Understand basic concepts of disease and correlation with morphology
- Develop an investigatory and analytic thinking approach to cytopathologic diagnoses

Interpersonal and communication skills

- Develop proficiency in presentation of cytopathology findings to cytotechnologists, pathologists, medical students, and clinicians
- Develop effective writing skills and appropriate terminology to generate the cytopathology report
- Develop the ability to explain fine needle aspiration and other cytopathologic techniques, describe cytologic findings, clarify clinicopathologic issues to medical students
- Communicate effectively and in a reassuring manner with patients regarding indications and performance of fine needle aspiration

Professionalism

- Demonstrate respect, compassion, and integrity in the performance of fine needle aspiration procedures
- Complete written reports in a timely fashion
- Work effectively as a team with clinicians, cytotechnologists and other technical staff, and treat clinical, technical and administrative staff with respect

Systems-based practice

- Provide consultative support for other patient care units including advising about safety and cost effectiveness of testing and procedures, interpreting ancillary testing associated with diagnostic procedures and promptly investigating unexpected results.
- Use modern laboratory information systems to transmit patient results in a standardized and effective manner.
- Provide educational support for clinicians about new procedures and reporting practices in advance of their adoption.

Practice-based learning

- Use case-based learning as a tool for additional insight into cytologic diagnoses
- Locate, appraise, and assimilate pertinent evidence from scientific studies
- Understand newer technologies available for cytologic diagnoses
- Demonstrate effective problem solving skills, using a wide variety of information resources