

Cytopathology Rotation - Objectives

Medical Knowledge

A. Objectives

1. Level I

- a. Demonstrate knowledge of basic CAP and CLIA 88 regulations for retention of cytology slides, specimens and records.
- b. Demonstrate competency in performance of FNAs, slide preparation and slide staining.
- c. Understand different cyto preparatory techniques.
- d. Understand proper screening technique of cytologic samples and indicating cells of interest.
- e. Demonstrate knowledge of the adequacy criteria and the current laboratory reporting system for non-gynecologic and FNA specimens.
- f. Understand and identify common cytologic features of benign and malignant conditions on all cytologic samples.
- g. Proper Snomed coding of all cases.
- h. Correlation of cytologic findings with prior history and current clinical findings.

2. Level II

- a. Demonstrate understanding of all CAP and CLIA 88 regulations governing cytology laboratory.
- b. Demonstrate knowledge of the basics of quality assurance and quality control as it applies to cytology laboratory including mandatory random re-screening and cytologic-histologic correlation in gynecologic cytology.
- c. Demonstrate knowledge in appropriate determination of adequacy for radiologic guided fine needle aspirations.
- d. Demonstrate knowledge of common interpretations in fine needle aspiration, gynecologic and non-gynecologic cytology.
- e. Demonstrate knowledge of the importance of incorporating results of adjunctive studies in the final interpretation of cytologic samples.

B. Plan

1. The knowledge base is obtained by:
 - Informal teaching by the attending pathologist during sign-out and finalization of cytology reports.
2. Conferences:
 - FNA conference (once per week)
 - Cytopathology conference (bi-weekly)
 - Cytopathology tele-conferences (advertised regularly)
3. Basic Reading Requirements: (current conditions or equivalent)
 - The Bethesda System for reporting cervical cytology: definitions, criteria and explanatory notes.
 - Practical principles of cytopathology by Mac Demery.
 - Orientation materials (review objectives, rotations, responsibilities and basic reading material regarding GYN & Non- GYN cytology practice guidelines).
 - Diverse collection of cytopathology textbooks is available for reference in the cytopathology divisional library.

C. Assessment:

1. Informal assessment by attending pathologist through questions asked during microscopic examination of cytology specimens and finalization of cytology reports.
2. Written examination at the completion of the two-month rotation.