

Molecular Diagnostics Rotation - Objectives

System-Based Practice

A. Objectives:

1. What knowledge and skills in laboratory management and the greater context of the health care system should the resident learn on this rotation?
 - a. Awareness and responsiveness to the larger context of the health care system and as it pertains to submission of molecular diagnostic specimens and diagnoses.

B. Plan:

1. How does the resident acquire knowledge and skills in laboratory management?
 - a. Didactic discussions with Molecular Diagnostic Faculty and staff
2. How does the resident through this rotation develop an awareness of the context of pathology in the health care system?
 - a. Interaction with other pathology services (Flow Cytometry, Cytogenetics, Immunohistochemistry) and other UTSW departments (Hematology/Oncology Services, Pediatrics) in obtaining important clinical or laboratory information to perform the appropriate Molecular test or assist in accurate interpretation of a Molecular diagnostic test result.
 - b. Interaction and utilization of the knowledge base of individuals from other services rotating (often concurrently) on the Molecular diagnostic rotation.
 - Services which rotate:
 - UT Southwestern Hematopathology fellows
 - UT Southwestern Clinical Chemistry fellows
 - UT Southwestern Pathology residents (entire program)
3. How does the resident through this rotation learn to access resources within the system in order to optimize the value of pathology services?
 - a. The resident's educational experience is integrated with computer and library resources, hospital information systems, and the molecular diagnostic database.

C. Assessment:

1. How is the resident's systems-based practice assessed and by whom?
 - a. Written assessment by Molecular Diagnostic faculty and staff.