

Microbiology Rotation - Objectives

Systems-Based Practice

1. Objectives

Residents learn the monetary and personnel costs of performing appropriate laboratory tests, as well as the relative costs of “send-out” tests to reference laboratories (including the time factors associated with this).

2. Plan

If it occurs during the time that a resident I on the service (s)he will be apprised of any negotiations with vendors or contractors that may be appropriate to the management of a clinical microbiology laboratory. The residents are invited to attend weekly management sessions within the microbiology laboratory. Because there is a specific “Management” rotation included in the CP division, projects oriented towards those goals would be supplemented at the time that the resident is on that rotation, or when another resident presents data of that type for CP conferences for the division as a whole. If it occurs while the resident is on the rotation (s)he will participate in any laboratory accreditation and inspection process (CAP, CLIA, etc.). In the same vein, if an interim laboratory self-inspection is due to be performed, the resident will be included in that activity. Concepts of management and resource utilization will be imparted on a daily basis at “sign-out” sessions, as well as other opportunities that may arise. The practice of resource stewardship is a daily reality in our laboratories.

3. Supervision/Assessment

The resident’s performance and progress in this area are observed on an almost daily basis by the division faculty and the laboratory management team.