

Clinical Chemistry Rotation - Objectives

Medical Knowledge

A. Objectives

1. Understand principles of methods used by automated chemistry instruments
2. Understand principles of immunoassay methods
3. Understand principles of electrophoretic methods of analysis
4. Understand principles of toxicology methods of analysis
5. Understand clinical significance of chemistry test results and correlation with specific diseases
6. Understand the pathophysiology of common disorders

B. Plan:

1. **Reading Requirement:** Selected articles in multiple booklets provided to Resident prior to the start of the Chemistry rotation; case specific reading assigned by Clinical Chemistry Faculty
2. **Required Attendance:**
 - Clinical Chemistry Grand Rounds
 - Endocrine Grand Rounds
 - Update in Pathophysiology
 - Clinical Pathology Lecture Series
 - Call-notes Conference
 - Sign-out Tutorials
 - Case-review Conference

C. Supervision/Assessment:

1. **Methods of Assessment:**
 - a. End-of-Rotation Evaluation Form
 - b. Module Quizzes/Calculations Exam
2. **Assessor(s):**
 - . Clinical Chemistry Faculty