

2100 Clerkship Elective Template

Course: Pathology in Clinical Medicine

Course Number 2106

Department: Pathology

Faculty Coordinator: Ibrahim A Hashim, M.Sc, Ph.D.

Assistant Faculty Coordinators:

Hospital: (Location of rotation) PMH, CUH, CMC

Periods Offered: All Year

Length: 4 weeks

Max # of Students: 4

First Day Contact: Dr. Ibrahim A Hashim (214) 648-7884

First Contact Time: 10 AM First Day of Rotation

First Day Location: CS3.202

Prerequisites: None

Course Description

- I. This is a 4-week introductory course enabling the student to explore the medical specialty/discipline of Clinical Pathology. The student will learn about the scope of practice, breadth of clinical laboratory analysis. The concept of the testing cycle (pre-analytics, analytics and post-analytics). Frequently encountered pathology/diagnoses, and specialty specific diagnostic procedures. The purpose of the course is to allow the student the opportunity to explore a career in the specialty, and/or to acquire knowledge in the specialty regarding appropriate referrals, consults, etc. relevant to future career plans.
- II. Time spent during this 4 weeks' period can be (depending on vacancy availability) in any sole or combination of the subspecialties of Clinical Pathology (Clinical Chemistry, Medical Microbiology, Transfusion Medicine, Molecular Diagnostics, and Cytogenetics/HLA)

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Goals	Objectives (<i>describe activities that will support how goals are to be achieved</i>)	Assessment methods (<i>examples-explain how student will be evaluated</i>)
Patient Care: Assessment and Management Students will learn the specialty focused history, test menu, sample types required for the investigation of the clinical disorder. To be able to identify sources of information on tests, their indication as well as limitations	The student will be able to list appropriate tests and investigations as well as appropriate sample and patient preparation required for the investigation. Understand the consultative nature of the clinical pathology subspecialty as well as its administrative directorship of the respective laboratory.	<i>The student will be evaluated based on their participation and in the discussions and in formulating a sound opinion on the choices for tests and sampling requirements.</i>
Medical knowledge: Students will learn the pathophysiology and management of the most common diagnoses encountered.	The student will be able to discuss the pathology/presentation/evaluation and management of a number of common diagnoses (i.e. ACTH and Adrenal Crushing's') <i>or list specific diagnoses here</i>) seen in the specialty. 2. The student will learn the indications and limitations of the testing process.	<i>The student will complete a brief quiz at the end of the rotation</i>
Interpersonal and communication skills: The student will effectively communicate with colleagues, residents, faculty, laboratory and nursing staff	The student effectively and professionally communicates information in a concise and informative manner	<i>The student will be observed by the residents, fellows, faculty and staff during their rotation (feedback will be sought by the rotation director)</i>
Practice Based learning and Improvement: <i>Students will demonstrate the ability to assimilate clinical and scientific evidence required by the subspecialty.</i>	The student is able to list relevant items to provide a relevant and comprehensive laboratory report	<i>The student will be observed by the residents, fellows, faculty and staff during their rotation (feedback will be sought by the rotation director)</i>
Professionalism: The student will demonstrate respect for colleagues and all those he /she interacts with	The student will be punctual and complete all required rotations, tutorials and meetings. The student will demonstrate respect and compassion for others.	<i>The student will be observed by the residents, fellows, faculty and staff during their rotation (feedback will be sought by the rotation director)</i>
Systems based practice: The student will appreciate the role of Clinical Pathology	The student will attend sign-out sessions with respective faculty.	<i>Observations of faculty and staff. Feedback will be</i>

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in the wider healthcare and in the patient-centered model Appreciate the tools required for participation at all levels of the testing cycle.	The student will attend various tutorials and didactic seminars The student will attend various operational and administrative meetings	<i>sought by the rotation director</i>
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III. **Methods of Instruction:**

- A. Didactic (tutorials and seminars): X
- B. Clinical (sign out sessions) and operational Meetings: X

IV. **Overview of student responsibilities**

None. Attendance and participation in tutorials and meetings are required

IV. **Method of evaluation of students and requirements:** Evaluation based on assessment methods listed above, grade is Pass/Fail

Contact Delores Gates in the Pathology Education Office for questions (214) 648-2461.