

DEPARTMENT OF PATHOLOGY

Advanced Topics in Pathology

Course Number	CLNS 950U		Duration	4 weeks										
Credit Type	<input checked="" type="checkbox"/> Clinical Elective	<input type="checkbox"/> Non-Clinical Elective	<input type="checkbox"/> Sub-Internship	<input type="checkbox"/> ICU										
Available Blocks	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12	<input checked="" type="checkbox"/> 13	<input checked="" type="checkbox"/> 14
# of Students per Rotation	<input checked="" type="checkbox"/> One	<input type="checkbox"/> Two	<input checked="" type="checkbox"/> Other: Can take a 2 nd student in some blocks											
Faculty Evaluator(s)	David Czuchlewski, MD													
Prerequisites	<input checked="" type="checkbox"/> All Phase II Clerkships	<input type="checkbox"/> Department specific clerkship/rotation:	<input checked="" type="checkbox"/> Other: At least 1 other pathology course at UNM or other institution											
Visiting Students Accepted	<input type="checkbox"/> Domestic MD	<input type="checkbox"/> Domestic DO	<input type="checkbox"/> International	<input checked="" type="checkbox"/> None										
Accept Students Off-Cycle	<input checked="" type="checkbox"/> Yes – with department permission	<input type="checkbox"/> No												
Add/Drop Policy	ADD: 45 days	DROP: 45 days	Other:											
Clerkship Contact(s)	Cindy Hart	Cahart1@salud.unm.edu	505-938-8456											

Goals and Unique Aspects:

This course is intended to provide an opportunity for studies in pathology beyond the scope of introductory electives offered elsewhere in the course catalog. Only students with previous exposure to pathology training (and/or strong demonstrated interest in pathology) will be accepted. The student will gain broad exposure to the multiple sub-disciplines such as neutropathology, clinical chemistry, cytogenetics, informatics, as well as surgical pathology and cytopathology. The time spend in each area can be adjusted based on student interest and experience.

Objectives:

1. Recognize key histologic features of neoplasms of the central nervous system, and differentiate key glial neoplasms based on morphology and immunohistochemistry.
2. Interpret a Levey-Jennings quality control ploy and recommend corrective action.
3. Deconstruct and describe the components of a typical HL7 message.
4. Produce a karyotype and FISH data using standard laboratory techniques, starting from a submitted specimen.
5. Perform gross dissections of simple surgical specimens (e.g. appendices, gallbladders) with faculty supervision.
6. Develop differential diagnoses for surgical pathology and cytopathology cases during slide preview sessions.
7. Explain the core cytologic features that are suggestive of malignancy.

Responsibilities:

Students will be responsible for interpreting cases in their assigned areas of the laboratory. They will receive primary data, correlate with available clinical information, and confer with the attending pathologist to finalize interpretations and diagnoses that will be communicated to the clinical teams.

Supervision and Teaching:

All cases are reviewed as a team that will include: the attending faculty member, a pathology resident, as well as the rotating medical student. All aspects of the cases will be reviewed together. The faculty member will review and edit the student's diagnostic reports for accuracy.

Evaluation:

1. Participation and performance during the case review and sign-out process, as assessed by the attending faculty (70%).
2. Submission of an exemplary diagnostic patient report, authored by the student, assessed for completeness and accuracy (10%).
3. Creation of a 1,000-word educational write-up of an interesting case (20%).

Additional Information:

As this rotation is intended for advanced students, discussion with the faculty coordinator and others in the department will be necessary before a student is accepted. The specific goals and objectives may also be tailored based on student experience and interest.