

DEPARTMENT OF PATHOLOGY

Medical Center of Central Georgia
777 Hemlock Street
Macon, Georgia 31208
478-633-1329

Course Number	Course Name
PAT.M01	Anatomic Pathology
PAT.M02	Laboratory Medicine

Pathology Electives are not available on the Savannah Campus

ANATOMIC PATHOLOGY

PAT.M01

DURATION:	4 weeks
ENROLLMENT:	Maximum 1 student
VISITING STUDENTS:	No
PCR MAJORITY:	No

PREREQUISITE: Successful completion of third year clerkships.

PAT.M01: Edgar Pierce, M.D., Eugene Battles, M.D., Pathology Department.
MCCG, Macon, GA
Contact: Edgar Pierce, M.D., MCCG, 478-633-1329,
and/or Robert S. Donner, M.D., MUSM, 478-301-2560.

DESCRIPTION:

This elective is designed to give the student experience in the examination of morphologic changes of disease and the relation of those changes to the clinical course of the patient. It will center on daily gross and microscopic examination of surgical and cytology specimens. Clinicopathological correlation will be emphasized and literature research encouraged. This real time experience will be augmented by study of archival material designed to emphasize a variety of disease processes involving different major organ systems.

OBJECTIVES:

Upon completion of this elective, the student:

- will be able to identify the gross morphologic features that characterize various disease processes;
- will be able to utilize the microscope to identify microscopic morphologic features of tissue slides that characterize various disease processes;
- will be able to characterize and discuss the pathophysiology of certain disease processes, with emphasis on common disease processes, particularly neoplasia;
- will be able to describe and explain the clinicopathologic correlation of certain disease conditions, and;
- will be able to identify the role of the anatomic pathologist and the importance of surgical pathology and cytology in patient care.

EVALUATION:

The student will be evaluated according to the preceptor's observations of the student performance and practical quiz on archival histologic sections.

LABORATORY MEDICINE

PAT.M02

DURATION:	2 weeks
ENROLLMENT:	Maximum 1 student
VISITING STUDENTS:	No
PCR MAJORITY:	No

PREREQUISITE: Successful completion of third year clerkships.

PAT.M02: Edgar Pierce, M.D., William T. Pope, Ph.D., Eugene Battles, M.D., Pathology Department, MCCG, Macon, GA
Contact: Robert S. Donner, M.D., MUSM, 478-301-2560 and/or Edgar Pierce, M.D., MCCG, 478-633-1329

DESCRIPTION:

Laboratory Medicine will provide experience in the clinical laboratory of the Department of Pathology at the Medical Center of Central Georgia. Interpretation and correlation of laboratory data will be stressed. The student will gain an understanding of the sections of the laboratory including chemistry, microbiology, blood bank, and hematology. Clinical pathologic correlation will be emphasized and will be accomplished by patient rounds and chart review under the direction of the course preceptors and medical technologists. The student will be expected to review reference articles, textbooks, and selected case material, which will be available in the department.

OBJECTIVES:

Upon completion of this elective, the student:

- will be able to identify the diagnostic tests and to correlate the tests with the clinical disorders related to myocardial ischemia and infarction, hepatocellular and renal diseases, and abnormal conditions involving lipid metabolism and immunoglobulin production;
- will be able to use a microscope, study sets and current hematology case material to identify and differentiate normal and abnormal cellular components of blood, and to correlate the cells with specific disease conditions;
- will be able to identify micro-organisms involved with infections at different body sites, to interpret antibody sensitivity tests, and to distinguish normal and abnormal antinuclear antibody tests;
- will be able to identify the tests that are appropriate for screening for coagulation disorders and to correlate test results with the clinical condition of the patient;
- will be able to identify and interpret the tests involved in typing and cross-matching procedures for blood transfusion and antibody identification, to differentiate the types of transfusion reactions, and to distinguish the appropriate blood components for transfusion.

EVALUATION:

A comprehensive evaluation will follow completion of the elective and will be based on subjective evaluation by the course preceptors as well as results of a written examination.