

FOURTH YEAR ELECTIVE TITLE PRENATAL GENETICS AND GENETIC TESTING		COURSE NUMBER OBG 9200	LOCATION RWJUH & CLINICAL ACADEMIC BUILDING
ELECTIVE DIRECTOR Elena Ashkinadze, MS, CGC	ELECTIVE FACULTY DEPARTMENT FACULTY	ELECTIVE CONTACT Millie Bonilla 125 Paterson Street CAB 2136 New Brunswick, NJ 08901	CONTACT PHONE/FAX/EMAIL PH. 732-235-7291 FAX 732-235-6627 EMAIL: bonillmi@rwjms.rutgers.edu or ashkinel@rutgers.edu
BLOCKS AVAILABLE ALL	DURATION/WEEKS MIN 2; MAX 6	HOURS PER WEEK 40	STUDENTS MAX 1
LECTURES/SEMINARS YES	OUTPATIENT YES (100%)	INPATIENT YES	HOUSESTAFF NO
NIGHT CALL NO	WEEKENDS NO	LAB OPTIONAL	EXAM REQUIRED NO

OVERALL EDUCATIONAL GOAL OF ELECTIVE

To gain an understanding of the role in obtaining a genetic history and counseling to identify patients at risk for inheritable conditions and children with aneuploidy.

OBJECTIVES

- To gain experience in eliciting a pedigree on at risk patients
- To be able to describe the patterns of inheritance of common genetic conditions/syndromes
- To screen patients based upon ethnicity for inheritable diseases that may place a pregnancy or offspring at risk
- To become familiar with the invasive and noninvasive testing available to parentally detect fetuses with aneuploidy

BRIEF DESCRIPTION OF ACTIVITIES

The student will be expected to observe genetic counseling sessions as well as ultrasound evaluations of patients at risk for inheritable conditions and fetuses with aneuploidy. The student will also be expected to participate in clinical evaluations of newborns suspected of having a genetic syndrome in the hospital setting. The student is expected to attend clinical teaching sessions of the department and will be asked to present a case at the Ultrasound/Genetics weekly meeting.

METHOD OF EVALUATION

The following areas will be evaluated: ability to obtain a genetic history and elicit a three-generation pedigree; understanding of modes of inheritance; understanding role of genetic screening and the risks/benefits associated with the testing available; and quality of performance on formal presentation given during the elective.

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No

IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL? No