

Neurology

The Department of Neurology is introduced to medical students in the first year that clinical correlation is offered in connection with the neuroanatomy courses. During the clinical modules, clinical neurology electives allow students to participate in the management of inpatients and outpatients on the neurological service and in the educational conferences that are part of the neurology department. Conferences include pediatric neurology, neuropathology, and neuroradiology. Students obtain some familiarity with interpretation of electroencephalograms and electromyograms and supervised experience in the evaluation of patients with neurological problems seen in consultation. Students are accepted into these electives only after at least one previous clinical module.

NEUR 900. Neurology Clerkship. 4 Credits.

During the clinical clerkship the student develops understanding of the diagnosis and treatment of major neurological disorders. Students will have the opportunity to gain an understanding of Neurology through patient interviews, physical examination, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to management of patients with major neurological disorders in both inpatient and outpatient settings including the Kansas City Veterans Administration Hospital. Prerequisite: Medical Basic Sciences.

NEUR 928. Critical Care: Neurosurgical Intensive Care Unit. 4 Credits.

The objective of this course is to provide students with experience in the management of critically ill patients. Students will participate in the diagnosis and treatment of patients in the KUMC Neurosurgical Intensive Care Unit. Clinical work will be supplemented by conferences and other educational activities. This course fulfills the Critical Care Selective requirement. Prerequisite: 4th year standing.

NEUR 930. Sub-Internship in Neurology. 4 Credits.

This selective is designed to provide advanced experience to the student in diagnosing and managing neurologic diseases and disorders. It is expected that the student will participate at a resident's level of responsibility, participate directly in patient care. What differentiates this rotation from the neurology elective is the inclusion of 1 week of inpatient service. The combination of experiences in outpatient and inpatient settings will help prepare students who may be pursuing a neurology or related specialty residency. Prerequisite: NEUR 900.

NEUR 931. Clinical Neurology Elective. 4 Credits.

This elective is an extension of the basic neurology clerkship. It is designed to permit senior medical students to take increasing responsibility of patient care under the close supervision of the faculty. Students will learn skills in patient management by active participation in the daily activities of the neurology residency program. This elective is entirely clinical. The student will work on the neurology ward, consult, and stroke services. Students can also elect to spend time in the neuro-ICU. Student performance will be evaluated by the faculty based on factual knowledge, practical skills, problem-solving abilities, and personal behavior and values. Prerequisite: NEUR 900 or equivalent.

NEUR 932. Clinical Neurology. 4 Credits.

This elective is offered to students who are considering neurology as their future career. The student will be assigned patients selected on the basis of their teaching value and will be expected to carry out complete detailed examinations of each patient and assume responsibility for assisting in all phases of the patient's diagnostic evaluation. Emphasis

will be on developing skills in examination, interpretation of findings and neuroanatomic correlation. During this elective, the student will participate actively in all teaching conferences held at KUMC. This elective is entirely clinical. Students will work on the neurology inpatient services and have the opportunity to spend time in a neurology subspecialty clinic. In exceptional cases, by prior arrangement and if an opening is available, a student may split time between neurology services at KUMC and the Kansas City VAMC. Offered in modules I-XII. Prerequisite: NEUR 931.

NEUR 933. Clinical Neurology--Advanced Topics. 4 Credits.

The medical student participates as an intern, functioning in the clinics and the neurology inpatient services as an integral part of the health care team. Emphasis will be on the principles of patient care, neurological exam skills, and interpretation of findings and neuroanatomic correlation. The student will be expected to carry out complete detailed examinations of patients and assume responsibility for assisting in all phases of the patient's diagnostic evaluation and care. During this elective, the student will participate actively in all teaching conferences held at KUMC. This selective is entirely clinical. Students will work on the neurology inpatient services and have the opportunity to spend time in a neurology subspecialty clinic. In exceptional cases, by prior arrangement and if an opening is available, a student may split time between neurology services at KUMC and the Kansas City VAMC. Prerequisite: NEUR 931 or NEUR 932.

NEUR 936. Sub-Internship in Neurology. 4 Credits.

This selective is designed to provide advanced experience to the student in the diagnosis and management of neurologic diseases and disorders. It is expected that the student will participate at a resident's level of responsibility, participates directly in patient care and the experience includes one week of neurology inpatient service. The combination of experiences in outpatient and inpatient settings will help prepare students who may be pursuing a neurology or related specialty residency. Prerequisite: NEUR 900 or equivalent.