

Basic Information

Duration of the elective: 4 weeks

Number of students: One student per month

Basic textbook knowledge of the anatomy, physiology, biochemistry, and pathology of the neurological system.

Basic textbook knowledge of and understands principles of neurologic disease and injury

Location(s): Koç University Hospital

CONTACT NFORMATION:

Elective Director: Dr. Goktug Akyoldas

Elective Faculty: Prof. Dr. Selçuk Peker , Prof. Dr. Ali Fahir Özer, Prof. Dr. Tunç Öktenoğlu, Prof. Dr. Mehdi Sasani, Prof. Dr. İhsan Solaroğlu, Prof. Dr. Özkan Ateş

BRIEF DESCRIPTION OF STUDENT ACTIVITIES:

Four-week elective blocks are available to expose students to a broad spectrum of emergencies, elective operative neurosurgery. Students will participate in clinical activities with the neurosurgery faculty member under supervision, including consultation, non-operative clinical care, diagnostic procedures and surgical interventions. This will provide first-hand opportunity to correlate clinical diagnoses and diagnostic tests with operative pathology. The elective will incorporate a significant exposure to trauma to the nervous system, cerebrovascular disease, neuro-oncology, functional neurosurgery, Gamma Knife radiosurgery and disorders of the spine.

Students are expected to assist in the management of preoperative, perioperative and postoperative patient care under supervision. The student should also develop fundamental psychosocial skills by observing physician-patient interactions during this rotation.

LEARNING OBJECTIVES:

Refinement of neurological examination, investigation and management decisions;

First-hand exposure to neurosurgical emergencies, the spectrum of neurosurgical disorders in an ambulatory population, and a spectrum of elective and semi-elective neurosurgical disorders in hospital;

Exposure to neurosurgical diagnostic and neurosurgical procedures.

ASSESSMENT OR EVALUATION:

Student's knowledge, competencies including patient care, communication, and practice-based learning are observed throughout the elective.

Students will present a topic or a case at the end of the elective.

"KUSOM Clinical Performance Evaluation Form" is used for reporting.