

Neuro-Critical Care Elective Rotation at UTHSCSA

Description about the rotation:

The basic idea of the rotation through the Neuro-ICU at the UTHSCSA is to get clinical experience in the basic assessment, triage, acute management, and monitoring of the critically ill neurosurgical and neurological patient. The resident will participate in all the activities, related with patient care as well as academic activities like lectures, and topic reviews. The resident should review the neurological and clinical assessment of the critically ill neurological / neurosurgical patient 's prior to their rotation. The resident is expected participate in the neurological assessment, and clinical-radiological and clinical-anatomical correlation exercise. We will provide the resident with basic references, guidelines and papers related to this rotation. The resident will have the opportunity to experience the systematic assessment and plan formulation for the critically ill patient. There are clinical research opportunities during this rotation and they are completely optional for the participating house-staff.

The main goal for the participating residents is to learn how to assess, triage, and stabilize the critically ill neurosurgical patient. Other secondary goals are to experience how we monitor,, and manage this complex patients in a systematic fashion (use evidence based approach). Other goals are to gain experience with technology and procedures related to the Neuro-critical care field. Learn how to work in a team fashion in a highly complex environment.

We expect the resident to integrate with the Neuro-critical team and enjoy this clinical rotation.

The resident will be evaluated in the following areas:

- Professionalism
- Neuro-ICU Clinical Component:
 - Basic medical knowledge
 - Patient's presentation, assessment, diagnosis, differential, plan formulation.
 - Neuro-ICU team activity participation.
 - Neuro-ICU related basic readings.
 - Resident's assigned patient related knowledge (disease process, management, and monitoring).
- Intellectual curiosity, participation during rounds.
- Topic reviews and final power point presentation for the team.
- (Research participation is entirely optional).

Our team is composed by:

- Neuro-ICU Attending: Augusto Parra, MD, MPH
- Neuro-ICU Clinical Pharmacist: Colleen Barthol
- Neuro-ICU 3rd and 4th year Medical Students.
- Neurology residents (occasionally)
- Emergency Medicine residents
- Anesthesia residents
- Paramedical staff: (nursing staff, respiratory therapist, nutritionist, occupational and physical therapy, wound care service).

Resident responsibilities:

- Participate in the assessment and care of primarily Neuro-ICU patients (ICU area A), and Neur-ICU consultations (SICU areas B,C, MICU, CCU, and transplant ICU).
- Read the basic recommended literature regarding the management of the neurosurgical / neurological critically ill patient (including our protocols, and general guidelines).
- Participate actively in patient assessment, patient presentation, differential diagnosis, lesion localization, and systematic plan formulation.
- Read about their assigned patient's disorders, syndromes, treatment options, and monitoring tools.
- Prepare topic reviews for rounds.
- Make a power point presentation about a topic of interest related to Neuro-ICU at the end of the rotation.
- Participate in all the team related activities not as an observant but as an integral part of the team.
- Behave with the most collegial and professional standard with supervisor, team members, ancillary team members, and consulting team members.
- Dress code: Neurosurgery Department 's scrubs are recommended. Business attire with UTHSCSA lab coat is also accepted. Wear UTHSCSA ID at all times.

Schedule:

Monday to Thursday:

6-8:30 AM: Prerounds with NP and NSU Chief. Gathering of information prior to Academic Rounds.

8:30AM -12:00 noon. Academic multidisciplinary rounds.

12: 00-1PM: Lunch / Topic review at the NICU/SICU conference room 10th Floor.

1PM-5PM: Completion of rounds, procedures, new consultations.)

5PM: Signing out to SICU / NSU on call team.

Friday: Resident is expected to participate in the Neurosurgery Department's Academic Activities.

Weekends. Every other weekend on call with NICU Attending (8 AM to 2PM).

*When resident is post-call from NSU night call, the resident is expected to present his patients early and leave before 10 AM.

Contact information: [Names], [Pager/Cell phone]

- **Neuro-ICU Director:**

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