

NEUROLOGY OSCE STEP-BY-STEP GUIDE FOR STUDENTS

Welcome to your Neurology OSCE. This exercise was designed to allow you to demonstrate your ability to:

1. Perform a focused neurological examination on a standardized participant
2. Perform a fundoscopic exam on an eye model
3. Document exam findings
4. Describe and interpret neuroimaging including recognizing the modality and projection/cut, abnormal findings, and expected clinical presentation; describe radiographically when applicable
5. Analyze patient videos to determine neurological deficits
6. Demonstrate knowledge of first line medical treatments

What to expect the day of your OSCE

1. **15** minute orientation outlining the logistics of the OSCE and answering any questions you may have
2. You will have four independent stations, each 15 minutes in length. There will be an overhead announcement when there are **5** minutes remaining in each station and a second overhead announcement once the 15 minutes is up
3. Students will do each station in a random order (not everyone is starting with the same station)
4. Station One- The Neurologic Exam:
 - The SP in the room is expecting you to perform a focused neurological exam.
 - The chart on the door includes those steps of the neurological exam you need to perform. Only do the steps specifically listed on the chart to insure you have sufficient time to document the findings. You may bring the chart into the room with you.
 - Be sure to wash your hands before and after the focused exam.
 - You will leave the room and document your exam findings on a desktop computer in the Clinical Skills Center.
5. Station Two- Case-based Neuro Ophthalmology Exam (No SP):
 - You will receive basic information about a patient including vitals and symptoms.
 - You will perform a fundoscopic exam on an eye model.
 - You will log into the computer in the room to document the fundoscopic exam findings.
 - You will review neuroimaging and answer questions related to both the image and the case clinical presentation.
6. Station Three- Neuroradiology (No SP)
 - You will review two radiologic images and answer questions related to modality, projection, and cut of the images, abnormal findings, and the expected clinical presentation based on your interpretation of the image.
7. Station Four- Video Case Review (No SP)
 - You will watch two short video clips and answer questions related to the neurological deficits you observe in the videos.
8. Complete a Center for Simulation Education survey related to your overall experience.

Other Reminders

- Be sure to wear your white coat for this encounter and bring a pen
- Treat the simulated environment as you would the clinical environment.
- Bring any equipment you may need to perform a neurological exam; ophthalmoscopes will be available in the room for the fundoscopic exam
- If you are running late or unable to attend your scheduled OSCE for some reason, be sure to call 464-220-9166 the day of the OSCE to make our staff aware