



ED MOCK OSCE Station 1

PROMPT:

Mr(s). Jenson has been brought to the ED by ambulance after suffering from a severe acute headache. Please conduct a **cranial nerve** exam.

Grading sheet for the facilitator

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	Scored Points	Max Points
INTRODUCTION		
Introduce self		1
Signpost/explain exam, ask permission		1
Wash hands		1
Appropriate positioning of patient (sitting at the edge of bed, facing examiner)		1
General observations		1
Subtotal		5
CRANIAL NERVE 1		
Examine OR ask about recent changes in smell/taste of food		1
CRANIAL NERVE 2		
visual acuity		
<ul style="list-style-type: none"> • Appropriate positioning of patient • Patient asked to remove glasses • Appropriate use of Snellen Chart (distance, clear instructions given) 		1 1 2
visual fields		
<ul style="list-style-type: none"> • Appropriate positioning of patient (across from examiner, same eye level) • Patient asked to remove glasses • Appropriate and clear instructions given 		1 1 1
Fundoscopy		
<ul style="list-style-type: none"> • Mention need to do fundoscopy 		1
Light reflex		
<ul style="list-style-type: none"> • Patient asked to remove glasses • Direct light reflex tested • Consensual light reflex tested • Appropriate and clear instructions given 		1 1 1 1
Swinging light test (RAPD)		1
Accommodation		1
<ul style="list-style-type: none"> • Appropriate and clear instructions given 		1

CRANIAL NERVE 3, 4, 6		
Eye movements (figure H)		1
<ul style="list-style-type: none"> • Appropriate and clear instructions given • Examiner asks about diplopia and pain 		1 2
	Subtotal	20
CRANIAL NERVE 5		
Corneal reflex		1
<ul style="list-style-type: none"> • Appropriate technique (long string of cotton approaching eye from the periphery and gentle touch on sclera) OR • Facilitator may choose to skip but examiner must mention) 		
Facial sensation		1
<ul style="list-style-type: none"> • Pain and light touch on V1-V3 distribution (6 points on the face) • Check symmetry “Does it feel the same on both sides?” 		1
Jaw power		1
<ul style="list-style-type: none"> • Ask to clench/unclench teeth, feel masseters AND temporal muscles 		
Masseter reflex		1
<ul style="list-style-type: none"> • Jaw jerk (facilitator may choose to skip but examiner must mention) 		
CRANIAL NERVE 7		
Facial symmetry and power		1
<ul style="list-style-type: none"> • Ask to grin/smile widely, AND feel for strength • Ask to puff out cheeks, AND feel for strength • Ask to shut eyes tightly, AND feel for strength • Ask to look up, wrinkle forehead, AND feel for strength 		1 1 1 1
CRANIAL NERVE 8		
<ul style="list-style-type: none"> • Rub tragus on opposite ear and whisper a letter + number into ear (x3 times in each ear) 		2
Rinné test		1
<ul style="list-style-type: none"> • Place tuning fork against mastoid bone then patient asked to report the louder sound “A or B” • Clear instructions given 		1
Weber test		1
<ul style="list-style-type: none"> • Place tuning fork in the center of the top of head and patient is asked where they hear the ringing 		

<ul style="list-style-type: none"> • Clear instructions given 		1
Subtotal		15
CRANIAL NERVE 9, 10, 12		
Observe		
<ul style="list-style-type: none"> • Patient is asked to open the mouth, and examiner observes the palate and the tongue sitting on the floor of the mouth 		1
<ul style="list-style-type: none"> • Patient is asked to say “ahhh” 		1
<ul style="list-style-type: none"> • Patient is asked to stick out their tongue to the middle, then to the left, then to the right 		1
<ul style="list-style-type: none"> • Patient asked to swallow a gulp of water while examiner observes 		1
<ul style="list-style-type: none"> • Patient asked to cough 		1
Tongue power		
<ul style="list-style-type: none"> • Patient asked to poke tongue into left and right cheek 		1
<ul style="list-style-type: none"> • Examiner opposes force on the cheek 		1
<ul style="list-style-type: none"> • Clear instructions given by the examiner 		1
Gag reflex		
<ul style="list-style-type: none"> • Not required but examiner must mention 		1
CRANIAL NERVE 11		
Accessory and SCM power		
<ul style="list-style-type: none"> • Patient asked to shrug shoulders 		1
<ul style="list-style-type: none"> • Examiner opposes force by pushing down 		1
<ul style="list-style-type: none"> • Patient asked to turn head to either side 		1
<ul style="list-style-type: none"> • Examiner opposes force by placing hand on the opposite cheek 		1
<ul style="list-style-type: none"> • While patient’s head is turned, examiner feels for the contracted SCM 		1
CLOSING		
Examiner thanks the patient for their time and indicates conclusion of exam		1
Subtotal		15

QUESTIONS		
What are the signs you expect to see of someone with a CN3 palsy? (max 2 points) <ul style="list-style-type: none">• Ipsilateral mydriasis• Unreactive to light or accommodation• Ptosis• Divergent strabismus (down + out)		1 1 1 1
What are 3 critical investigations you will order urgently in ED? (max 3 points) <ul style="list-style-type: none">• FBE (WCC, Hb)• BSL• CT brain• INR		1 1 1 1
	Subtotal	5
	TOTAL	60