



ctc
communications

*Supporting Neurology Residents through
their Graduation and Beyond*

What is the prepOSCE Program all about?

Background

*Canadian Residency Training**

- >70% report that training programs exceed 60h/wk
- >50% experience symptoms of burnout
- Medical residents have very little time to prepare for their exam

Royal College Examination

Components

Written Examination

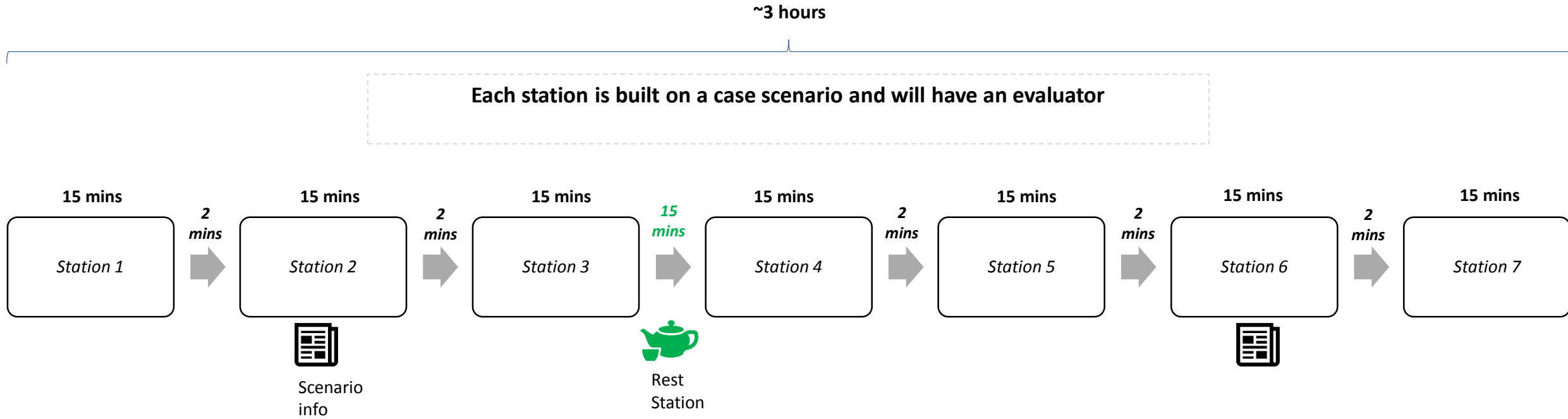
Objective Structured Clinical Examination (OSCE)

Residents lack confidence in their practical abilities to complete the Examination

No comprehensive neurology review program exists to help them prepare

Canadian neurology residents would benefit from a virtual practice OSCE session to prepare them for the Royal College Examination.

We will mimic a Resident's experience of a LIVE OSCE, virtually



Example Station

The screenshot shows a Zoom meeting interface. At the top, there are two video thumbnails. The left thumbnail shows a woman with red hair and glasses, identified as Prof. Lucy Milner, Evaluator. The right thumbnail shows a man with glasses and a checkered shirt, identified as Eric Watson, Resident. Below the thumbnails are two large blue rectangular areas, likely representing a shared screen or a placeholder. At the bottom of the screen is a toolbar with various icons for meeting controls: Mute, Stop Video, Invite, Manage Participants (with a '4' indicating 4 participants), Polling, Share Screen, Chat, Pause/Stop Recording, Closed Caption, Reactions, and More. An 'End Meeting' button is located in the bottom right corner of the toolbar.

Evaluator:

Mediate between the patient and the examinee. All questions directed at the patient are answered by the evaluator

Evaluation Checklist to mark the examinee

Tool: A buzzer to mark the end of the Station

History of present complaint: Ms. Walker, 40 year old female, presents to the clinic with a chief complaint of "my legs are giving out." Patient states that during the past week, her legs became weak twice which caused her to fall on the elevator yesterday and she also fell at home today. She is still experiencing weakness in the clinic. Patient states that her feet are also numb and it feels like she is "walking on cotton." She states that she has had similar symptoms during the past three years (about every 6 months) and each episode gradually resolved over several weeks. She denies any seizure activity or any recent medical illnesses, back or neck trauma. About 5 years prior to episodes of falling, she noticed that she was getting blurred vision in one eye that was getting worse with each passing day. The blurring "maxed out" in about a week, but never progressed to complete blindness.

When do we conduct the prepOSCE sessions?

We are aiming at the last week of April/ early May

The OSCE component of the Royal College examination is scheduled for May 26, 2021

Neurology	Written	April 15, 2021 April 16, 2021	AM (Morning)
	Applied	May 26, 2021	

<https://www.royalcollege.ca/rcsite/credentials-exams/exams-dates-locations-e#spring>

How do we conduct a prepOSCE Station?

Using Patient Case Scenarios and Evaluation forms

- We need 7 scenarios created, one for each station
- Each scenario is a detailed patient case, with an evaluation form
- The honorarium for writing a patient case scenario (case + evaluation form) is \$1,200

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Section 1: Standardized Patient Case-Alex Payne

Identifying Case Factors: Alex Payne

Presenting complaint: History of headaches

Opening Statement: "My head hurts so bad I can't take it."

Length of patient encounter: 15 min for HPI and PE; 10 min for post encounter write up/feedback=25 min total

Learning objectives/case purpose:

1. To obtain a relevant history in a patient presenting with signs and symptoms of various headaches
2. To perform a comprehensive physical exam on a patient with a headache
3. To devise an initial assessment and plan, know when to order diagnostic studies, and discuss with a patient

Diagnosis: Cluster headache (alternate diagnoses: migraine headache; subarachnoid hemorrhage)

Target group: MD3

Type of case (may check more than one):

- Summative assessment
- History and physical exam

Case Summary/SP Training Notes

SP demographics:

Name: Alex Payne

Gender: Written for male; can easily be portrayed as female with slight modifications in the social history

Age range: 35-55 years old

Ethnicity: Any

Setting: Clinic

Patient presentation:

Section 3: Standardized Patient Checklist-Alex Payne

SP Checklist: History of Present Illness-Alex Payne

Instructions: Please choose one option for each of the following items based on whether the student doctor performed that task.

1. Asked about onset of headaches (sudden)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. Asked about duration of headaches (3 days duration)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. Asked about frequency of headaches (occurs about three times a day)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4. Asked about timing of headaches (occur mostly at night)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5. Asked about last location (right temporal region)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6. Asked about quality of pain (pounding)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
7. Asked about intensity of pain (pain level of 9 or 10 out of 10)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
8. Asked about radiation (no, they stay on the right side)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
9. Asked about associated visual changes (my vision is normal, but my right eye is watery and red)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
10. Asked about exacerbating factors (lights and noise make me feel worse)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
11. Asked about nasal congestion (yes, during the headaches only and my nose runs on the right side)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
12. Asked about nausea/vomiting (sometimes there is nausea, but no vomiting)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
13. Asked about alleviating factors (nothing makes it better)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
14. Asked about family history of headaches (none)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
15. Asked about similar headaches in the past (I had an episode like this 2 years ago, but it went away and never came back)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

SP Checklist: Physical Examination-Alex Payne

16. Washed his/her hands	<input type="checkbox"/> Yes	<input type="checkbox"/> No
17. Palpitated head (no TMJ)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
18. Palpitated facial sinus (no sinus tenderness)	<input type="checkbox"/> Yes	<input type="checkbox"/> No