Monash Practice OSCE 2019.2

**OSCE 2**

**Candidate Instructions**

You have been asked to assess a 27-year-old man/woman who has been transported by ambulance following a possible snake bite whilst working as a gardener in a local park. A pressure immobilisation bandage has been placed and the patient feels well.

**Your tasks:**

* Obtain a relevant history of the bite
* Perform a focused examination explaining your findings to the patient
* Discuss further management with the patient

**Domains assessed:**

Medical Expertise 50%

Communication 30%

Health advocacy 20%

A copy of this case information is provided in the examination room.

**OSCE 2**

**Role Player Instructions**

You are – *use your own name*. You are a 27-year-old council gardener working in the local park. Whilst weeding you felt a sharp sting on your shin. Your supervisor had seen a snake in the bushes earlier in the day and you are very worried you have been bitten. You have been taken to the local emergency department by ambulance and have had a bandage placed on your leg. Your supervisor is expecting you back at work in 2 hours. You are on a casual contract and are worried about losing income if you don’t get back to work quickly.

You have no past medical history, don’t take any medication, and have no allergies. Currently you feel well. The candidate will ask you questions about various symptoms (headache, pain, dizziness), all of which you do NOT have.

The candidate will perform an examination. You should respond to their enquiries and directions as if you are well.

The candidate should advise that you need to stay in the hospital for at least 12 hours for further assessments and tests.

**Prompts:**

* At 3 mins (if candidate hasn’t starting examining you) - ***“Can you look at my leg? This thing’s tight.”***
* At 5 mins (if the candidate hasn’t starting explaining their plan to you) - ***“Can’t I just have some kind of antidote and get back to work?”***

*Props List:*

* Bed/trolley with sheet
* Pressure immobilisation bandage with window (to remain on)
* Observation chart

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**Examiner Instructions**

Station Summary: Focused assessment of the asymptomatic potential snake bite patient. Provision of advice regarding need for further in-hospital observation and testing and how this relates to indications for anti-venom.

You should not interact with the candidate.

At the 3-minute and 5-minute marks you should signal the actor to give prompts.

**Detailed assessment criteria**

Please use the following criteria to inform your domain ratings  **(**mandatory items in ***bold italics)***

**Medical Expertise**

* + Relevant history & focused examination
    - Past history***, allergies,*** medications*,* last meal
    - ***Bite history*** - time, location, no. of bites, clothing
    - ***Symptoms of envenomation*** - headache, bleeding, gland swelling, weakness, swallowing changes, breathlessness, collapse
    - ***Vitals signs*** and GCS
    - Assess ***PIB and window*** for signs of bite and bleeding, and regional lymphadenopathy
    - Bleeding sites
    - ***Neurological examination*** including eye movement, bulbar weakness, limb strength
  + Management
    - Advise ***need for investigations*** (FBE, UEC, CK, coags, D dimer)
    - Swab of bite site for sVDK if signs of envenomation
    - Advise removal of PIB if examination AND initial investigation results normal
    - ***Observation and reexamination with repeat bloods*** at 1-,6-, and 12-hours post-PIB removal

**Communication**

* + Establish rapport with patient
  + Appropriate used of open and closed questions
  + Reassuring manner
  + ***Explanation to patient of findings*** (positive and negative) during examination
  + The better candidates will be able to incorporate management advice early in their assessment of the patient

**Health Advocacy**

* + Acknowledge patient’s need to get back to work
  + Explain risks of leaving early (delayed envenomation) and that ***cannot return to work today***
  + Knowledge of worker’s rights