

Supplementary file 1:

The versions of interview guide

The first version of interview guide:

*1. Could you give me a brief summary of your career as an ambulance worker to date?*

*(Work position, job level, length of experience).*

*2. Could you tell me about your experience during receiving a trauma call?*

*(Challenges or barriers during receiving a call to respond to a trauma patient).*

*3. How do you typically feel when responding to trauma patients with injuries?*

*(How confident are you in assessing and managing injured patients? If you lack confidence, can you explain why?)*

*4. Could you describe the process when arrive to scene and your initial steps of scene assessment?*

*(What challenges do you encounter when arrive to a traumatic scene and when you start initial scene assessment steps? Why?)*

*5. I would like you to think back to a recent trauma case you have attended:*

*a. Description of the circumstances of the case.*

*b. Patient was male or female? What was the case?*

*c. What assessment process did you apply?*

*d. How did you manage the patient? Any challenges or difficulties did you encounter when dealing with patient? Why?*

*e. Did you encounter any challenges during enroute care to hospitals? if yes, what were they?*

*f. Did you encounter any challenges during arrival to hospital and the handover process care? if yes, what were they?*

*6. What factors or conditions affect your ability to stay updated on trauma patient care?*

*(Are you able to keep up with the latest updates on treating trauma patients? If not, what are the reasons or circumstances preventing this?)*

*7. What factors facilitate your ability to keep up the updates of treating trauma patients?*

*(what are the factors that help you to acquire and keep up the updates of treating trauma patients?)*

8. Can you suggest any changes or strategies that would help you provide better trauma care and improve your ability to provide optimal trauma care?

9. Is there anything else you would you to share with me about, or that you think I should know about, that would help us understand how Saudi paramedics or EMTs respond, assess and treat trauma patients?

The second version of interview guide:

1. Could you give me a brief summary of your career as an ambulance worker to date?

(Work position, job level, length of experience).

2. Could you tell me about your experience during receiving a trauma call?

(Challenges or barriers during receiving a call to respond to a trauma patient).

3. Could you tell me about your experience during the preparedness after receiving the call and before leaving the station?

(Challenges or barriers stand against your preparation after receiving the call and before leaving the station)

4. Could you describe the process when arrive to scene and your initial steps of scene assessment?

(What challenges do you encounter when arrive to a traumatic scene and when you start initial scene assessment steps? Why?)

5. I would like you to think back to a recent trauma case you have attended:

a. Description of the circumstances of the case.

b. Patient was male or female? What was the case?

c. What assessment process did you apply?

d. How did you manage the patient? Any challenges or difficulties did you encounter when dealing with patient? Why?

e. Did you encounter any challenges during enroute care to hospitals? if yes, what were they?

f. Did you encounter any challenges during arrival to hospital and the handover process care? if yes, what were they?

6. What factors or circumstances influence your ability to keep up the updates of treating trauma patients?

(Are you able to acquire and keep up the updates of treating trauma patients? If you are unable, why? What are the factors or circumstances?)

7. What factors facilitate your ability to keep up the updates of treating trauma patients?

(what are the factors that help you to acquire and keep up the updates of treating trauma patients?)

*8. How confident are you in assessing and treat trauma patients?*

*(if you are unconfident, can you explain why?)*

*9. Can you suggest any changes or strategies that would help you provide better trauma care and improve your ability to provide optimal trauma care?*

*10. Is there anything else you would you to share with me about, or that you think I should know about, that would help us understand how Saudi paramedics or EMTs respond, assess and treat trauma patients?*