

BRIGADE PATIENT CARE COMPETITIONS - 1990

PROBLEM 1

JUDGE'S SCENARIO

A brigade division is on public duty at their town's annual air show. Members have been assigned to work in a makeshift hospital. The two competition team members are responsible for triage.

One of the aircraft crashes near a spectator gallery engulfing it in a fireball. Debris from the crash is sent flying. People are hysterical and running in all directions.

Other brigade members, as well as the public, provide basic first aid in the field for those injured. The patient has been brought into the hospital triage area by one of his/her friends. (judge to act as friend at start of problem)

His/her injuries are:

second degree (partial thickness) burns to face  
3" soiled laceration to the upper left arm  
1" embedded object in the top of the left foot  
chest pain radiating down left arm  
(patient has history of angina pectoris  
and carries his own nitroglycerin tabs)

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SIMULATION

second degree (partial thickness) burns to entire face with blisters on forehead - no dressing  
3" soiled, longitudinal laceration to the upper left arm covered with a neck tie - minimal bleeding  
1" embedded object in the top of the left foot with minimal bleeding - no dressing

PROMPTING

You have been watching an air show with your friends. One of the aircraft has crashed and exploded. A fireball and debris covered the area in which you were standing.

Your face feels like it is on fire and you have minor pain in your left arm and left foot.

You feel a dull aching chest pain radiating down your left arm and if asked you have had angina for a number of years. If asked, you have your nitroglycerin medication with you, but you want help taking it.

You are conscious throughout the competition and are cooperative.

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TEAM SCENARIO

It is a warm summer afternoon and your town's annual air show has just started. As in past years it is the responsibility of your division to provide patient care services to the public.

You and your partner have been assigned to work in a makeshift hospital. The two of you are responsible for the triage (assessment) of patients as they come in.

Suddenly you hear a loud explosion followed by many smaller ones. Stepping outside you see a large fireball engulf one of the areas where spectators are located. People are hysterical and running in all directions.

You remain at your triage station.

TIME LIMIT

15 minutes - Good Luck!

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Reference: A: Action S: Statement

NOTE: Please assist patients and team when necessary with patient prompting!

IMMEDIATE ACTION

NOTE: Immediate action must be completed, in part, before secondary action, for the team to receive any marks for immediate action. Immediate action does not have to be in sequence.

- circle one
1. Was patient's airway assessed? A 15 C
  2. Was indirect pressure applied to wound on left foot? A 15 C
  3. Was direct pressure maintained to wound on left arm? A 15 C

SECONDARY ACTIONS

4. Was patient examined for other injuries? A 15 C
5. Was angina or heart attack suspected? (complaint of chest pain) S/A 15 C
7. Was pulse taken properly? carotid? (rate: 100, regular, weak) A 10 C  
radial? (rate: 100, regular, weak) A 5 C
8. Were respirations taken properly? (rate: 20, shallow) A 10 C
9. Was label on medication bottle checked 3 times? A 10 C
10. Were instructions on label followed? A 10 C  
NOTE: Team does not have to administer medication themselves,  
just assist with the administration.
11. Was effect of medication mentioned/noted? S 10 C  
NOTE: Chest pain is relieved in 15 to 30 seconds
12. Was left foot dressed and bandaged properly? A 15 C
13. Was left foot immobilized properly? A 10 C
14. Were burns to face dressed and bandaged properly? A 20 C
15. Was soiled dressing (neck tie) removed and disposed of? A 5 C
16. Was condition of left arm wound examined? S/A 5 C

- |   |   |    |   |
|---|---|----|---|
| 17. Was wound cleansed properly?                    | A | 10 | 0 |
| 18. Was wound redressed properly?                   | A | 15 | 0 |
| 19. Was patient covered over to maintain body heat? | A | 5  | 0 |
| 20. Were patient's feet elevated?                   | A | 5  | 0 |

RECORDING

- |   |     |    |   |
|---|-----|----|---|
| 21. Was observation of left arm wound recorded?                   | A   | 5  | 0 |
| 22. Was dressing change recorded?                                 | A   | 5  | 0 |
| 23. Was patient's level of consciousness noted?                   | S/A | 5  | 0 |
| 24. Were accurate respirations recorded?                          | A   | 5  | 0 |
| 25. Was accurate pulse recorded?                                  | A   | 5  | 0 |
| 26. Was angina or heart attack recorded?                          | A   | 10 | 0 |
| 27. Was medication, <u>including effect</u> , recorded?           | A   | 10 | 0 |
| 28. Was injury to left foot, <u>including treatment</u> recorded? | A   | 10 | 0 |
| 29. Was patient's name recorded?                                  | A   | 5  | 0 |

TEAM NAME: \_\_\_\_\_ Sub Total:

FLOOR POSITION: \_\_\_\_\_ TOTAL:

TIME STARTED: \_\_\_\_\_ STOP: \_\_\_\_\_ ELAPSED: \_\_\_\_\_/15 min

JUDGES NAMES (please print): \_\_\_\_\_