

2006

36th Annual Ontario Open First Aid Competition

Gymnasium INDIVIDUAL SCENARIO

Background Scenario

There is one casualty at this scenario, The casualty is a “student” at UTM. The casualty was observing other “students” practicing archery in the gym when an arrow was released by accident. The casualty observed the arrow coming towards them and raised their arms for protection and the arrow struck the casualty in the posterior side of the upper left arm. The casualty is conscious upon discovery but loses consciousness (faints) at three minutes into the scenario, due to shock, the pain and the sight of the imbedded arrow. The casualty regains consciousness 2 minutes after fainting but is slightly dazed and disoriented.

The “archer” can be used to call for help but is hysterical at the sight of the injured person. Only the one archer is available, and the judge is out of play.

The competitors will only have access to the first aid kit and supplies at the scene AND the “archer” has 2 towels in his/her gym bag that may also be used.

Casualty

INJURIES

- Target arrow imbedded in the posterior side of the upper left arm, just above the elbow.
- Bleeding from the wound.
- Conscious for first three minutes then faints
- Casualty regains consciousness 2 minutes after fainting but is still slightly dazed, and confused.
- Casualty complains about tingling feeling in the left hand with limited ability to move fingers.
- Tingling and lack of movement continues after bandages adjusted, if done.

CASUALTY PROMPTS

- Casualty is sitting when found
- Casualty is initially responsive but faints at three minutes into the scenario.
- Casualty regains consciousness at 2 minutes after fainting but is still dazed and disoriented.
- Casualty complains about tingling feeling in the left hand with limited ability to move fingers.
- Tingling and lack of movement continues after bandages adjusted, if done.
- Casualty is feeling a little nauseous but has not vomited – once more alert.
- Casualty had a cappuccino and a muffin about 1 hour ago.
- Casualty has no allergies
- Casualty agitated at the injury, is worried about his/her hand and arm, vocal, states desire to sue the archer and the school.

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JUDGES' PROMPTS

- Judge informs team that the area is safe. IF ASKED.
- Casualty's respirations are 24, regular and shallow initially. Subsequent Respirations are 18 regular and full
- Casualty's pulse is 110 (regular and weak) initially. Subsequent pulse is 98 regular and full
- Casualty's pupils are equal, 4 mm and reactive.
- Casualty's skin is cool and clammy throughout scenario.
- Announcements:
 - 1st announcement to start,
 - 2nd announcement at 3 minutes into the scenario (Primary Survey complete and Casualty faints)
 - 3rd announcement at 5 minutes into the scenario (casualty regains consciousness)
 - 4th announcement at 2 minutes remaining
 - 5th announcement to end the competition.

PROPS

- Casualties need normal clothing,
Casualty should be wearing short sleeves to ensure access to arm for cas sim.
- 1 archery target per scene.
- 1 waterproof tarp as floor covering per scene.
- 3 target arrows per scene (2 in target and third in casualty's arm).
- 1 archery bow per scene.
- 1 archer per scene (bystander).
- Gym-bag with 2 towels per scene.
- First aid kit on wall nearby per scene.
 - 3 Pairs of non-latex Gloves (various sizes)
 - 6 Gauze Pads 10 cm x 10 cm
 - 1 roll Kling Gauze
 - 5 Triangular Bandages
 - 6 Adhesive Bandages 2.5 cm x 7.5 cm
 - 1 roll adhesive tape
 - 1 Emergency Blanket
 - 1 pair of Scissors
 - 5 Safety Pins
 - 1 Pencil
 - 1 Emergency Record Sheet

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INDIVIDUAL “GREEN” Information

Please print the following information:

Team Number _____

Team Member #2 (Green) _____

Judge’s Name _____

SCORING SUMMARY

Casualty – (Primary) **Page 4**, Page Total _____
(Possible 260)

Casualty – (Secondary) **Page 5**, Page Total _____
(Possible 110)

Casualty – (Secondary) **Page 6**, Page Total _____
(Possible 220)

Casualty – (Secondary) **Page 7**, Page Total _____
(Possible 140)

Casualty – (Secondary) **Page 8**, Page Total _____
(Possible 105)

Casualty: Primary + Secondary Total (Possible 835)

Individual Scenario

SCENE / PRIMARY SURVEY: This section is active for the first 3 minutes of the scenario only. During these first 3 minutes, the competitor may perform the actions that are both listed here and in the Secondary Survey. After the 3 minutes, the competitor is eligible to receive marks only in the Secondary Survey and no marks may be awarded in this Primary Survey. <i>Actions in this section may be done in any order.</i>		A/S	P O I N T S	N O T D O N E
1.1	Did First Aider take charge of the situation ? <i>(tell casualty not to move?)</i>	S	20	0
1.2	Did First Aider I.D. self and offer to help ?	A/S	20	0
1.3	Did First Aider activate EMS ? <i>(if Yes, Judge is readily available to call)</i>	S	20	0
1.4	Did First Aider put on protective gloves? <i>(vinyl, latex, etc; must actually be worn to receive marks)</i>	A	20	0
1.5	Were hazards assessed ?	S	20	0
1.6	Did First Aider determine if there are other casualties ?	S	20	0
1.7	Did First Aider determine/state the mechanism of injury ?	A/S	20	0
1.8	Did First Aider assess responsiveness? <i>(Casualty is conscious during Primary Assessment)</i>	A/S	20	0
1.9	Did First Aider assess airway? <i>(patent or open)</i>	A/S	20	0
1.10	Did First Aider assess breathing? <i>(Correct to Respirations 20, regular)</i>	A/S	20	0
1.11	Did First Aider assess pulse ? <i>(present, 110, regular; weak)</i>	A/S	20	0
1.12	Did First Aider perform a rapid body survey?	A/S	20	0
1.13	Did First Aider assess the casualty's skin condition or temperature ? <i>(skin is warm and moist.)</i>	A	20	0
SUB-TOTAL POINTS AWARDED (Possible 260)				

SECONDARY SURVEY: Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey . After the first 3 minutes, this is the only section that points shall be awarded to. <i>Actions in this section may be done in any order.</i>		A/S	P O I N T S	N O T D O N E
2.0	History of the casualty:			
2.1	Did the First Aider ask bystanders if they know casualty? <i>(none do)</i>	S	10	0
2.2	Did the First Aider check for a medical alert device ? <i>(bracelet, necklace etc. none present)</i>	A/S	10	0
2.3	Did the First Aider ask casualty about any allergies ? <i>(none)</i>	S	10	0
2.4	Did the First Aider ask casualty if he/she had eaten ?	S	10	0
2.5	Did First Aider ask casualty if he/she had any other medical history ? <i>(none)</i>	S	10	0
2.6	Did First Aider ask bystanders how the incident happened? <i>(hit by arrow, tried to protect face but got hit in the arm)</i>	S	10	0
3.0	Casualty's Vital Signs Assessment			
3.1	Did First Aider determine Level of Consciousness ? <i>(conscious but anxious)</i>	A	10	0
3.2.	Did First Aider assess Respirations ? <i>(correct to 20 irregular and laboured)</i>	A	10	0
3.3	Did First Aider assess Pulse ? <i>(carotid or radial OK.)</i> <i>(correct to 110 regular and weak.)</i>	A	10	0
3.4	Did First Aider assess Skin Condition ? <i>(correct to pale and sweaty)</i>	A/S	10	0
3.5	Did First Aider check Skin Temperature ? <i>(correct to cool to touch)</i>	A	10	0
SUB-TOTAL POINTS AWARDED (Possible 110)				

4.0	Casualty - Head to Toe Assessment			
4.1	Check scalp ? <i>(no deformity)</i>	A	10	0
4.2	Check eyes ? <i>(pupils equal, 4mm and reacts to light)</i>	A	10	0
4.3	Check nose ?	A	10	0
4.4	Check mouth ?	A	10	0
4.5	Check jaw ?	A	10	0
4.6	Check ears ?	A	10	0
4.7	Check neck ?	A	10	0
4.8	Check collarbones ?	A	10	0
4.9	Check shoulders ?	A	10	0
4.10	Check arms/hands ? <i>(arrow impaled in left upper arm)</i>	A	10	0
4.11	Check chest ?	A	10	0
4.12	Check abdomen ?	A	10	0
4.13	Check back ?	A	10	0
4.14	Check pelvis ?	A	10	0
4.15	Check both legs ?	A	10	0
4.16	Check both ankles and feet ?	A	10	0
5.0	Impaled Arrow In Upper Arm			
5.1	Was the impaled object recognized?	A/S	10	0
5.2	Was a sterile dressing applied around impaled object?	A	10	0
5.3	Was the impaled arrow steadied and supported?	A	10	0
5.4	Was the arm elevated effectively? <i>(while conscious)</i>	A	10	0
5.5	Was the circulation checked below the injury site?	A	10	0
5.6	Was the bandaging reassessed when the casualty complained about tingling in left hand?	A	10	0
SUB-TOTAL POINTS AWARDED				
(Possible 220)				

6.0	Shock And General			
6.1	Was effort made to cover casualty to maintain body temperature ?	A	10	0
6.2	Was casualty reassured ?	A	10	0
6.3	Was casualty reassured more than once ?	A	10	0
6.4	Was the casualty kept at rest throughout treatment?	A	10	0
6.5	Was casualty's temperature reassessed ? (<i>cool to touch</i>)	A	10	0
6.6	Was casualty's pulse reassessed ? (<i>110 regular and weak.</i>)	A	10	0
6.7	Was casualty's respirations reassessed ? (<i>20 irregular and laboured</i>)	A	10	0
7.0	Care Of Unconscious			
7.1	Did First Aider recognize the casualty becomes unconscious?	A/S	10	0
7.2	Did First Aider assess airway?	A	10	0
7.3	Did First Aider assess breathing? (<i>present</i>)	A	10	0
7.4	Did First Aider assess pulse? (<i>present</i>)	A	10	0
7.5	Was Casualty placed in the recovery position ?	A	10	0
8.0	Personal Protective Equipment			
8.1	Were gloves worn for duration of scenario ?	A	10	0
8.2	Were gloves effective ? (<i>Judges Note: torn gloves must be replaced.</i>)	A	10	0
SUB-TOTAL POINTS AWARDED (Possible 140)				

9.0	Recording			
9.1	Was the date and time recorded ?	A	5	0
9.2	Was the patient's information recorded ? (unable to obtain) (if left blank no points)	A	5	0
9.3	Was the First Aider's information recorded ?	A	5	0
9.4	Was the initial Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.6	Was the initial Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.7	Was the initial Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.8	Was the initial Skin Temperature recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.9	Was incident history recorded ?	A	5	0
9.10	Was the impaled arrow in the arm recorded ? <i>(left arm)</i>	A	5	0
9.11	Was the treatment for the impaled arrow in the arm recorded ? <i>(left arm)</i>	A	5	0
9.12	Did First Aider record the tingling in the patient's left hand?	A	5	0
9.13	Did the First Aider record that the patient had not eaten recently ?	A	5	0
9.14	Was the reassessed Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.15	Was the reassessed Respirations recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.16	Was the reassessed Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.17	Was the reassessed Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.18	Was the reassessed Skin Temperature recorded with time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.19	Was the reassessed Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.20	Was the time recorded when the casualty lost consciousness ? <i>(If no time recorded, then no mark.)</i>	A	5	0
9.21	Was it recorded that the casualty was placed in the recovery position after fainting <i>(must state length of time person was unconscious or no marks)</i>	A	5	0
SUB-TOTAL POINTS AWARDED				
(Possible 105)				