

2008

38th Annual Ontario Open First Aid Competition

Trailer TEAM SCENARIO

Background Scenario

“SKID ROW”

You and your partner are attending a Health and Safety Conference at the Construction Safety Association of Ontario in Etobicoke. It is fall. As you travel from one session to another, you suddenly hear screaming, from a group of trailers parked nearby. As you arrive at the scene of the screaming, you see a pile of boxes, which appear to have fallen off a skid.

Good luck! You have 20 minutes to complete the scenario.

N.B.

There will be an announcement of time after the first 3 minutes and again at the final 2 minutes.

INJURIES

- Open wound on anterior surface, left lower leg (open fracture, no bones protruding)
- Open wound over mid left ribs, frothy blood visible when shirt is opened to expose wound. Blood on shirt. (sucking chest wound)
- Nausea
- Reduced level of consciousness (confused)
- Rib area sore on left side, some bruising around open area.
- Bruising left elbow-possible fracture.

CASUALTY PROMPTS

- Casualty is found lying on his left side. You were struck by the forklift loading boxes into the trailer.
- Casualty is conscious and breathing throughout scenario
- Casualty is feeling a little nauseated but has not vomited.
- Casualty has not eaten since dinner previous evening.
- Casualty has no allergies
- Casualty is currently taking Advil 400 mg, for sore shoulders, he is new to this type of work.
- Past medical history, casualty has asthma, takes Ventolin and Atrovent.
- Casualty has excruciating pain to left ribs and is having difficulty breathing (gasping breaths).
- Casualty is complaining of pain in leg. “Felt like something snapped in my leg.”
- Casualty complains of pain left elbow-“I think I fell on it”

PROPS

- Casualty is wearing work clothes (shirt and jeans). Was struck by forklift loading skids into truck
- Skids and boxes inside of a cargo type trailer Props needed for scenario
- Male casualties only dressed in work type clothes or Tyvec coveralls
- Seven stocked first aid kits type 2 (restocked with 4x4's and triangulars and lots of tape each the non-allergenic type is preferred for each run through)
- 7 inhalers marked VENTOLIN
- Lots of cardboard boxes for each truck
- A wooden skid for each truck, and a broken board to simulate a broken skid which can be used as a splint.
- Zip Lock Sandwich Bags (1 box/100)

JUDGES' PROMPTS

- Judge informs team that the area is safe. IF ASKED. Casualty was struck by forklift as it was loading boxes into trailer. Forklift has been turned off and secured.
- Casualty's respirations are 30, regular and shallow (improve to 22 if open chest wound is sealed on 3 sides) Using ventolin inhaler does nothing to improve casualties condition.
- Casualty's pulse is 120 (regular and weak) throughout scenario.
- Casualty is conscious and "dazed" throughout scenario, doesn't think boxes hit his head.
- Casualty's pupils are equal, 3 mm and reactive.
- Casualty's skin is pale, cool and clammy throughout scenario.
- Pedal (foot) pulse must be checked before and after splinting of the leg.
- Capillary re-fill must be used to check for distal circulation check.
- Plastic over wound to be sealed on 3 sides only.

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TEAM Information

Please **print** the following information:

Team Number _____

Team Member #1 _____

Team Member #2 _____

Judges' Names _____

Page 4 Primary Survey Points Total _____
(Possible 300)

Page 5, Secondary Survey , Sub-Total _____
(Possible 90)

Page 6, Secondary Survey , Sub-Total _____
(Possible 200)

Page 7, Secondary Survey , Sub-Total _____
(Possible 140)

Page 8, Secondary Survey , Sub-Total _____
(Possible 110)

Page 9, Secondary Survey , Sub-Total _____
(Possible 140)

Secondary Survey Points Total _____
(Possible 680)

Total Points Awarded

Primary + Secondary Total (Possible 980)

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. Actions in this section may be done in any order.		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? (team tells casualty not to move?)	S	20	0
1.2	Did First Aider I.D. self?	A/S	20	0
1.3	Did First Aider obtain consent to help?	A/S	20	0
1.4	Did First Aider call out for help from by-standers?	S	20	0
1.5	Were hazards assessed? <i>If asked: Judge informs team that the area is safe, other than boxes.</i>	S	20	0
1.6	Did First Aider put on protective gloves? (vinyl, latex, etc; must actually be worn to receive marks)	A	20	0
1.7	Did First Aider determine if there are other casualties? (none)	S	20	0
1.8	Did First Aider determine/state the mechanism of injury? (While loading trailer, forklift struck casualty with skid of boxes, which then fell off skid)	A/S	20	0
1.9	Did First Aider assess responsiveness? (level of consciousness: casualty is conscious and confused)	A/S	20	0
1.10	Did First Aider activate EMS? (by-stander/judge is available to do this)	A/S	20	0
1.11	Did First Aider assess airway? (No blood in mouth, patent airway)	A/S	20	0
1.12	Did First Aider assess breathing? (30 regular and shallow)	A/S	20	0
1.13	Did First Aider assess pulse? (present 120 regular & weak)	A/S	20	0
1.14	Did First Aider perform a rapid body survey? (open chest wound and open area lower left leg)	A/S	20	0
1.15	Did First Aider assess the casualty's skin condition and temperature ? (skin is cool, pale and sweaty)	A	20	0
PAGE 4 SUB-TOTAL POINTS AWARDED Primary Survey (Possible 300)				

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 3 first 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>(no one knows casualty, he's a new hire)</i>	S	10	0
2.2	Did the First Aider check for a medical alert device? <i>(bracelet, necklace etc.) (none)</i>	A/S	10	0
2.3	Did the First Aider ask if casualty has any allergies? <i>(none)</i>	S	10	0
2.4	Did First Aider ask casualty how the incident happened?	S	10	0
3.0	CASUALTY'S VITAL SIGNS ASSESSMENT			
3.1	Did First Aider determine Level of Consciousness? <i>(conscious and confused)</i>	A	10	0
3.2	Did First Aider assess Respirations? <i>(correct to 30 regular and shallow.)</i>	A	10	0
3.3	Did First Aider assess Pulse? <i>(carotid or radial OK.)</i> <i>(correct to 120 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
PAGE 5 SUB-TOTAL POINTS AWARDED				
Secondary Survey (Possible 90)				

4.0	CASUALTY – HEAD TO TOE ASSESSMENT			
4.1	Check Scalp? (<i>clear</i>)	A	10	0
4.2	Check Eyes? (<i>pupils equal, 3mm and reacts to light</i>)	A	10	0
4.3	Check Nose? (<i>nothing</i>)	A	10	0
4.4	Check Mouth? (<i>mouth is clear</i>)	A	10	0
4.5	Check Jaw? (<i>no deformity</i>)	A	10	0
4.6	Check Ears? (<i>ears clear – no fluid</i>)	A	10	0
4.7	Check Neck? (<i>no deformity</i>)	A	10	0
4.8	Check Collarbones? (<i>no deformity</i>)	A	10	0
4.9	Check Shoulders? (<i>no deformity</i>)	A	10	0
4.10	Check both Arms/Hands? (<i>deformity left elbow</i>)	A	10	0
4.11	Check Chest (<i>left side is painful and bruised, small open area is bleeding-frothy blood</i>)	A	10	0
4.12	check Abdomen? (<i>casualty experiences no pain upon palpation</i>)	A	10	0
4.13	check Back? (<i>no deformity</i>)	A	10	0
4.14	check Pelvis? (<i>no deformity</i>)	A	10	0
4.15	Check both Legs? (<i>open area left leg, no bones protruding</i>)	A	10	0
4.16	Check both Ankles and Feet? (<i>no deformity</i>)	A	10	0
5.0	CHEST INJURY (<i>Blood from LEFT CHEST</i>)			
5.1	Was the open chest injury exposed?	A/S	10	0
5.2	Was the open chest injury recognized?	A	10	0
5.3	Was the chest wound sealed effectively? (<u><i>occlusive dressing sealed on 3 side, if 4 sides breathing goes to 40 per minute</i></u>)	A	10	0
5.4	Was breathing re-checked after chest wound sealed? (<i>Breathing slows to 22 if proper treatment</i>)	A	10	0
	PAGE 6 SUB-TOTAL POINTS AWARDED			
	Primary Survey (Possible 200)			

6.0	FRACTURED LEFT ELBOW			
6.1	Was the closed fracture of the left elbow recognized?	A/S	10	0
6.2	Was circulation below the fracture assessed?	A	10	0
6.3	Did First Aider ask if casualty is able to straighten or bend the arm? <i>(not to bend elbow)</i>	A	10	0
6.4	Was arm supported during immobilization?	A	10	0
6.5	Was the arm effectively immobilized? <i>(without bending/straightening)</i> <i>(Any effective method is OK: board, slings etc.)</i>	A	10	0
6.6	Was circulation below the fracture assessed after splinting?	A	10	0
7.0	FRACTURED LEFT Lower Leg			
7.1	Was the OPEN fracture of the left lower leg recognized?	A/S	10	0
7.2	Was circulation below the fracture assessed?	A	10	0
7.3	Was a sterile dressing applied over the open wound?	A	10	0
7.4	Did First Aider ask if casualty is able to move toes on left foot? <i>(Pain if moved)</i>	A	10	0
7.5	Was support applied during immobilization?	A	10	0
7.6	Was the leg effectively immobilized? <i>(Any effective method is OK: blanket splint; board, etc.)</i>	A	10	0
7.7	Were bandages used to immobilize the leg checked for tightness?	A	10	0
7.8	Was circulation below the fracture assessed after immobilization?	A	10	0
PAGE 7 SUB-TOTAL POINTS AWARDED				
Secondary Survey (Possible 140)				

8.0	SHOCK AND GENERAL			
8.1	Was casualty covered “over” to lessen shock? (also for warm-protect from elements)	A	10	0
8.2	Was casualty reassured?	A	10	0
8.3	Was casualty reassured more than once?	A	10	0
8.4	Was Level of Consciousness reassessed? (casualty remains conscious but confused)	A	10	0
8.5	Was casualty’s temperature reassessed? (cool to touch)	A	10	0
8.6	Was casualty’s pulse reassessed? (110 regular and weak.)	A	10	0
8.7	Was casualty’s respirations reassessed? (25 regular and shallow.)	A	10	0
8.8	Did First Aider determine that casualty was feeling nauseous?	S	10	0
8.9	Was somebody sent to notify the foreman that the patient is being taken to the hospital?	A/S	10	0
9.0	PERSONAL PROTECTIVE EQUIPMENT			
9.1	Were gloves worn for duration of scenario?	A	10	0
9.2	Were gloves effective? (Judges Note: torn gloves must be replaced.)	A	10	0
PAGE 8 SUB-TOTAL POINTS AWARDED				
Secondary Survey (Possible 110)				

10.0	RECORDING			
10.1	Was the date and time recorded?	A	5	0
10.2	Was the patient's information recorded?	A	5	0
10.3	Was the First Aider's information recorded?	A	5	0
10.4	Was the initial Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.6	Was the initial Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.7	Was the initial Skin Condition recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.8	Was the initial Skin Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.9	Was incident history recorded?	A	5	0
10.10	Was mechanism of injury recorded? (<i>struck by forklift-hit by boxes</i>)	A	5	0
10.11	Was the chest wound recorded?	A	5	0
10.12	Was the patient's medications recorded? (Ventolin and Atrovent)	A	5	0
10.13	Was bruising of chest recorded?	A	5	0
10.14	Was the frothy bleeding recorded?	A	5	0
10.15	Was treatment for the chest injury recorded?	A	5	0
10.16	Was Casualty's feeling of nausea recorded?	A	5	0
10.17	Was the fractured left elbow identified?	A	5	0
10.18	Was treatment for the fractured left elbow recorded?	A	5	0
10.19	Was the open fracture left leg identified?	A	5	0
10.20	Was treatment for the fractured left leg recorded?	A	5	0
10.21	Did the First Aider record when/what the patient last ate?	A	5	0
10.22	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.23	Was the reassessed Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.24	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.25	Was the reassessed Skin Condition recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.26	Was the reassessed Skin Temperature recorded with time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.27	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.28	Was notification of EMS recorded?	A	5	0
PAGE 9 SUB-TOTAL POINTS AWARDED				
Secondary Survey (Possible 140)				