

2010 40th Annual Ontario Open First Aid Challenge

Warehouse - TEAM SCENARIO (SFA)

Background Scenario

It is May 1st and your team has been invited by a member of the community to review his company's warehouse as a potential site of a major emergency care exercise. You do not have any equipment with you.

There will be a 3 minute warning to the judges to signify the end of the primary survey. There will also be a 2 minute left signal for the team's benefit.

(BACKGROUND – NOT TO BE SHARED WITH COMPETITORS)

You and your partner are walking through the warehouse accompanied by the firm's owner. You hear a cry followed by a crash. You round a corner to find two workers lying on the floor alongside their equipment.

INJURIES

Casualty A – Adult male

- Fully conscious & in obvious pain
- Small blood stain on lower left leg of pants
- Strong, rapid pulse
- Did not lose consciousness
- Painful left wrist (no swelling, no deformity)

Casualty B – Adult male

- Reduced LOC
- Laceration to right temple
- Slight deformity to right clavicle area
- Blood & CSF coming from right ear
- Pale & sweaty skin

CASUALTY PROMPTS

Casualty A

- Casualty is found lying on his back. Has not eaten since having a full breakfast
- Casualty is conscious and breathing throughout scenario.
- Casualty is feeling a lot of pain in left leg. Exposure of site will reveal an open fracture of the tibia (no bone end exposed – only broken skin/wound)
- Casualty also feels pain in left wrist ("I fell on it") but has full mobility & sensation.
- Casualty has no allergies.
- Past medical history, casualty has diabetes, takes Lente insulin. States he has taken his insulin today & is normally well controlled.

Casualty B

- Casualty is found lying on stomach.
- Casualty responds to verbal stimuli at beginning of scenario; deteriorates to painful response only.
- Casualty is breathing throughout scenario.
- Casualty moans loudly when right clavicle area or right temple is touched.
- Casualty has no medical history.

PROPS**Casualty A**

- Male casualty wearing tyvec coveralls & work gloves.
- Lying under handcart (on his lower left leg) with 3 cardboard boxes marked '25 kg.' 1 box is on cart, the other two are scattered around.
- Wearing a medical alert device stating "Diabetic".
- Bottles of water for casualty to carry/keep with them

Casualty B

- Male casualty dressed in work type clothes or tyvec coveralls.
- Lying next to short (5 foot) stepladder which is on its side.

- 1 fully stocked first aid kit type 2 per square (restocked after each scenario).
- 1 pair work gloves (worn by Casualty A) per square.
- 1 hand cart per square.
- 1 short stepladder per square.
- 3 cardboard boxes with "25 kg." written on 4 sides per square.
- 1 medical alert device marked "Diabetic" (worn by Casualty A) per square.
- 6 pairs Nitrile gloves (2 pair ea. of small, medium, large) per square.
- 1 AED (SJA generic) with accessory kit per square.
- 2 Mylar blankets per square.
- 2 woolen or synthetic blankets per square.
- 1 tube of glucose or 5-6 packets of sugar per square.
- 1 long spine board with straps per square
- 1 set cervical collars or 1 adjustable cervical collar per square.
- 1 head immobilization device or 1 full roll of 3" tape per square.
- 1 full D-tank of oxygen with regulator (max. 15 lpm) and wrench per square.
- 1 adult non-rebreather oxygen mask per square.
- 1 set of oral airways per square.
- 1 adult BVM per square.
- 2 blood pressure cuffs (1 adult, 1 pediatric) per square.
- 1 stethoscope per square.
- 1 manual suction device per square.
- 1 penlight per square.
- 1 Sager traction splint (or equivalent) per square.

JUDGES PROMPTS

Please see individual judge's prompts for each casualty before individual marking guide

2010
40th Annual Ontario Open First Aid Challenge

“Warehouse” TEAM SCENARIO (Advanced)

Team Number _____

Team Member #1 _____

Team Member #2 _____

Judges' Names _____ / _____

CASUALTY A

Page 5 - Primary Survey (Possible 300) Sub-Total _____

Page 6, Secondary Survey (Possible 110) Sub-Total _____

Page 7, Secondary Survey (Possible 290) Sub-Total _____

Page 8, Secondary Survey (Possible 90) Sub-Total _____

Page 9, Recording (Possible 105) Sub-Total _____

Casualty A (Possible 895) Total _____

CASUALTY B

Page 11 Primary Survey (Possible 300) Sub-Total _____

Page 12, Secondary Survey (Possible 110) Sub-Total _____

Page 13, Secondary Survey (Possible 300) Sub-Total _____

Page 14, Secondary Survey (Possible 100) Sub-Total _____

Page 15, Recording (Possible 110) Sub-Total _____

Casualty B (Possible 920) Total _____

Total Points Awarded

Casualty A & Casualty B (Possible 1815)

Casualty!“A”!

Casualty A – Adult male

- Fully conscious & in obvious pain
- Small blood stain on lower left leg of pants
- Strong, rapid pulse
- Did not lose consciousness
- Painful left wrist (no swelling, no deformity)
- Pale, dry face.

CASUALTY PROMPTS

Casualty A

- Casualty is found lying on his back. Has not eaten since having a full breakfast
- Casualty is conscious and breathing throughout scenario.
- Casualty is feeling a lot of pain in left leg. Exposure of site will reveal an open fracture of the tibia.
- Casualty also feels pain in left wrist (“I fell on it”) but has full mobility & sensation.
- Casualty has no allergies.
- Past medical history, casualty has diabetes, takes Lente insulin. States he has taken his insulin today & is normally well controlled.

JUDGES’ PROMPTS

	1st Set	2nd Set
Respirations	22 regular, shallow	26 regular, shallow
Pulse	100 strong/regular	120 weak/regular
Skin	Pale/Warm/Dry	Pale/Cool/Moist
BP	130/88	120/70
Pupils	3 mm reactive	3 mm reactive
LOC	Alert	Alert

- Allergies: NONE
 - Meds: Insulin (30/70 if asked what type)
 - Past Med History: Type II Diabetes (insulin controlled) x 10 years; normally well controlled
 - Last Meal: A full breakfast
 - Events: Was pushing cart around corner, struck ladder & worked fell on him & cart
-
- Judge informs team that the area is safe – there are no hazards other than those of cart, boxes & ladder. IF ASKED.
 - Casualty was pushing a loaded hand cart when he struck the step ladder & knocked it & the worker on it over
 - Injury to left wrist is only bruising, requires a sling.

Casualty A		A/S	P O I N T S	N O T D O N E
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.				
1.1	Did First Aiders take charge of the situation? <i>(casualties told not to move)</i>	S	20	0
1.2	Did First Aiders I.D. self?	A/S	20	0
1.3	Did First Aiders obtain consent to help?	A/S	20	0
1.4	Did First Aiders call out for help from by-standers?	S	20	0
1.5	Were hazards assessed? <i>(None for this casualty)</i>	S	20	0
1.6	Did First Aiders put on protective gloves? <i>(vinyl, nitrile, etc; must actually be worn to receive marks)</i>	A	20	0
1.7	Did First Aiders determine if there are other casualties? <i>(one other)</i>	S	20	0
1.8	Did First Aiders determine/state the mechanism of injury? <i>(pushing cart, struck ladder, knocked ladder/worker onto ground)</i>	A/S	20	0
1.9	Did First Aiders assess responsiveness using AVPU? <i>(alert, complains of pain, left lower leg/left wrist)</i>	A/S	20	0
1.10	Did First Aider activate EMS? <i>(by-stander/judge is available)</i>	A/S	20	0
1.11	Did First Aiders assess Airway? <i>(casualty has patent airway)</i>	A/S	20	0
1.12	Did First Aiders assess Breathing? <i>(22 regular and shallow)</i>	A/S	20	0
1.13	Did First Aider assess Circulation – Skin condition & Temperature? <i>(100 regular & strong – skin pale, dry, warm)</i>	A/S	20	0
1.14	Did First Aiders perform a rapid body survey? <i>(blood on lower left pants leg/pain at site & left wrist)</i>	A/S	20	0
1.15	Did first aiders expose & visualize area of blood stain on leg?	S	20	0
PAGE 5 SUB-TOTAL POINTS AWARDED				
Primary Survey (Possible 300)				

Casualty A		A/S	P O I N T S	N O T D O N E
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. Actions in this section may be done in any order.				
2.0	HISTORY OF THE CASUALTY:			
2.1	Did the First Aider ask bystanders if they know casualty? <i>(Bystander states casualty is regular warehouse worker)</i>	S	10	0
2.2	Did the First Aider ask about symptoms? <i>(pain)</i>	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 if they took any medication? <i>(Casualty takes Insulin (30/70 if asked re: specific type)</i>	S	10	0
2.5	Did the First Aider ask about Past Medical History? <i>(diabetes)</i>	S	10	0
2.6	Did the First Aider ask if casualty had eaten? <i>(Full breakfast)</i>	S	10	0
2.7	Did First Aider ask casualty how the incident happened? <i>(Casualty turned corner & struck ladder, other worker fell on him)</i>	S	10	0
3.0	CASUALTY'S VITAL SIGNS ASSESSMENT			
3.1	Did First Aider determine Level of Consciousness? <i>(conscious and alert)</i>	A	10	0
3.2.	Did First Aider assess Respirations? <i>(correct to 22, regular and shallow)</i>	A	10	0
3.3	Did First Aider assess Pulse? <i>(carotid or radial OK.)</i> <i>(correct to 100 regular and strong)</i>	A	10	0
3.4	Did First Aider assess Skin Colour, Condition & Temperature? <i>(correct to pale, warm, and dry)</i>	A/S	10	0
PAGE 6 SUB-TOTAL POINTS AWARDED				
Secondary Survey		(Possible 110)		

Casualty A				
4.0	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>(pain left wrist)</i>	A	10	0
4.11	Check for mobility, sensation, movement? <i>(normal)- both limbs for points</i>	A	10	0
4.12	Check chest ? <i>(no pain upon inspiration/expiration)</i>	A	10	0
4.13	Check abdomen? <i>(no pain upon palpation)</i>	A	10	0
4.14	Check back? <i>(no deformity)</i>	A	10	0
4.15	Check pelvis? <i>(no deformity)</i>	A	10	0
4.16	Check both legs? <i>(open fracture, left tibia)</i>	A	10	0
4.17	Check both ankles and feet? <i>(no deformity/ swelling)</i>	A	10	0
4.18	Check for mobility, sensation, movement? <i>(normal) – both limbs for points</i>	A	10	0
5.0	Painful Left Wrist			
5.1	Was the injury exposed? <i>(no swelling or deformity)</i>	A	10	0
5.2	Was an ice pack offered?	A	10	0
5.3	Was circulation checked before treatment? <i>(normal)</i>	A	10	0
5.4	Was circulation re-checked after left wrist treated? <i>(unchanged after treatment)</i>	A	10	0
5.5	Left Tibia Fracture Was the injury exposed <i>(area of swelling and open skin wound, minor bleeding, no bone ends seen)</i>	A	10	0
5.6	Was the open wound covered with a dressing?	A	10	0
5.7	Was the dressing bandaged in place? <i>(any method)</i>	A	10	0
5.8	Was circulation check before bandaging? <i>(normal)</i>	A	10	0
5.9	Was circulation re-checked after bandaging? <i>(no change)</i>	A	10	0
5.10	Was the leg splinted/immobilized successfully? <i>(any method)</i>	A	10	0
5.11	Was circulation assessed after leg splinted/immobilized? <i>(no change)</i>	A	10	0
PAGE 7 SUB-TOTAL POINTS AWARDED				
Secondary Survey				
(Possible 290)				

		Casualty A		
6.0	SHOCK AND GENERAL			
6.1	Was casualty covered "over" to lessen shock?	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 Level of Consciousness reassessed? <i>(casualty remains alert throughout)</i>	A	10	0
6.5	Was casualty's skin condition & temperature reassessed? <i>(changes from pale/warm dry to pale/cool/moist)</i>	A	10	0
6.6	Was casualty's pulse reassessed? <i>(120 regular and weak.)</i>	A	10	0
6.7	Was casualty's respirations reassessed? <i>(26 regular and shallow.)</i>	A	10	0
7.0	PERSONAL PROTECTIVE EQUIPMENT			
7.1	Were gloves worn for the duration of the scenario and were they effective? <i>(Judges Note: torn gloves must be replaced.)</i>	A	20	0
PAGE 8 SUB-TOTAL POINTS AWARDED				
Secondary Survey		(Possible 90)		

Casualty A				
8.0	RECORDING	A	5	0
8.1	Was the date and time recorded?			
8.2	Was the Casualty's information recorded?	A	5	0
8.3	Was the First Aider's information recorded?	A	5	0
8.4	Was the initial Level of Consciousness recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.5	Was the initial Respirations recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.6	Was the initial Pulse recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.7	Was the initial Skin Condition & Temperature recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.10	Was incident history recorded?	A	5	0
8.11	Was mechanism of injury recorded? <i>(worker & handcart fell upon him)</i>	A	5	0
8.12	Was the patient's medications recorded? <i>(Insulin)</i>	A	5	0
8.13	Was medical history noted? <i>(Diabetic)</i>	A	5	0
8.14	Was lower leg injury described/recorded?	A	5	0
8.15	Was treatment for the lower leg injury recorded?	A	5	0
8.16	Was the left arm injury described/recorded?	A	5	0
8.17	Was treatment for the left arm injury recorded?	A	5	0
8.18	Did the First Aider record when/what the patient last ate?	A	5	0
8.19	Was the reassessed Level of Consciousness recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.20	Was the reassessed Respirations recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.21	Was the reassessed Pulse recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.22	Was the reassessed Skin Condition & Temperature recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
8.23	Was notification of EMS recorded?	A	5	0
PAGE 9 SUB-TOTAL POINTS AWARDED				
Recording		(Possible 105)		

Casualty!“B”!

Casualty B – Adult male

- Reduced LOC
- Laceration to right temple
- Slight deformity to right clavicle area
- Blood & CSF coming from right ear
- Pale & sweaty skin

CASUALTY PROMPTS

Casualty B

- Casualty is found lying on stomach.
- Casualty responds to verbal stimuli at beginning of scenario; deteriorates to painful response only.
- Casualty is breathing throughout scenario.
- Casualty moans loudly when right clavicle area or right temple is touched.
- Casualty has no medical history.

JUDGES' PROMPTS

	1st Set	2nd Set
Respirations	30 regular, shallow	32 regular, shallow
Pulse	110 weak/regular	120 weak/regular
Skin	Pale/Cool/Sweaty	Pale/Cool/Sweaty
BP	112/74	120/68
Pupils	3 mm reactive	5 mm sluggish
LOC	Responds to verbal	Responds to painful stimuli

- Allergies: NONE
- Meds: NONE
- Past Med History: NONE
- Last Meal: 1 hr ago
- Events: Knocked off ladder onto concrete floor; struck his head

- Judge informs team that the area is safe - there are no hazards other than those of cart, boxes & ladder. IF ASKED.
- Casualty moans/winces whenever right temple or right clavicle are palpated

Casualty B		A/S	P O I N T S	N O T D O N E
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.				
9.0	Did First Aiders take charge of the situation?	S	20	0
9.1				
9.2	Did First Aiders I.D. self?	A/S	20	0
9.3	Did First Aiders obtain consent to help?	A/S	20	0
9.4	Did First Aiders call out for help from by-standers?	S	20	0
9.5	Were hazards assessed? <i>(cart & ladder moved)</i>	S	20	0
9.6	Did First Aiders put on protective gloves? <i>(vinyl, nitrile, etc; must actually be worn to receive marks)</i>	A	20	0
9.7	Did First Aiders determine if there are other casualties? <i>(one other)</i>	S	20	0
9.8	Did First Aiders determine/state mechanism of injury? <i>(fall/head injury)</i>	A/S	20	0
9.9	Did First Aiders provide c-spine support? <i>(any method including telling casualty not to move)</i>	A	20	0
9.10	Did First Aiders assess responsiveness? <i>(responds to verbal stimuli)</i>	A/S	20	0
9.11	Did First Aider activate EMS? <i>(by-stander/judge is available)</i>	A/S	20	0
9.12	Did First Aiders assess airway? <i>(airway is clear, pt lying prone)</i>	A/S	20	0
9.13	Did First Aiders assess breathing? <i>(30 regular and shallow)</i>	A/S	20	0
9.14	Did First Aider assess Circulation – skin condition & temperature? <i>(Skin is pale, cool & sweaty; pulse 100 regular & weak)</i>	A/S	20	0
9.15	Did First Aiders perform a rapid body survey? <i>(pain, right temple, right clavicle; CSF/blood from right ear)</i>	A	20	0
PAGE 11 SUB-TOTAL POINTS AWARDED				
Primary Survey (Possible 300)				

Casualty B				
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. 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
10.0	HISTORY OF THE CASUALTY!			
10.1	Did the First Aider ask bystanders if they know casualty? <i>(Casualty is known by coworkers; contract worker.)</i>	S	10	0
10.2	Did the First Aider ask about Symptoms? <i>(none)</i>	S	10	0
10.3	Did the First Aider check for a medical alert device? <i>(none found)</i>	A/S	10	0
10.4	Did the First Aider ask if casualty has any allergies? <i>(none known)</i>	S	10	0
10.5	Did First Aider ask casualty about medications? <i>(none known)</i>	S	10	0
10.6	Did the First Aider ask about Past Medical History? <i>(none known)</i>			
10.7	Did the First Aider ask if casualty had eaten? <i>(ate 1 hour ago)</i>	S	10	0
10.8	Did First Aider ask casualty how the incident happened? <i>(remembers ladder being struck; nothing after that)</i>	S	10	0
11.0	CASUALTY'S VITAL SIGNS ASSESSMENT!			
11.1	Did First Aider determine Level of Consciousness? <i>(Casualty's LOC decreases throughout.)</i>	A	10	0
11.2	Did First Aider assess Respirations? <i>(correct to 30 regular and shallow.)</i>	A	10	0
11.3	Did First Aider assess Pulse? <i>(carotid or radial OK.)</i> <i>(correct to 100 regular and weak.)</i>	A	10	0
11.4	Did First Aider assess Skin Condition & Temperature? <i>(skin is pale, cool & clammy)</i>	A/S	10	0
PAGE 12 SUB-TOTAL POINTS AWARDED				
Secondary Survey		(Possible 110)		

Casualty B				
13.0	SHOCK AND GENERAL			
13.1	Was casualty covered "over" to lessen shock?	A	10	0
13.2	Was casualty reassured?	A	10	0
13.3	Was casualty reassured more than once?	A	10	0
13.4	Was Level of Consciousness reassessed? <i>(casualty remains conscious throughout but decreases from responding to verbal stimuli to painful stimuli)</i>	A	10	0
13.5	Was casualty's skin condition & temperature reassessed? <i>(remains pale, cool, and sweaty)</i>	A	10	0
13.6	Was casualty's pulse reassessed? <i>(120 regular and weak.)</i>	A	10	0
13.7	Was casualty's respirations reassessed? <i>(32 regular and shallow.)</i>	S	10	0
13.8	Was somebody sent to notify the supervisor that the patient is being taken to the hospital?	A/S	10	0
14.0	PERSONAL PROTECTIVE EQUIPMENT			
14.1	Were gloves worn for the duration of the scenario and were they effective? <i>(Judges Note: torn gloves must be replaced.)</i>	A	20	0
PAGE 14 SUB-TOTAL POINTS AWARDED				
Secondary Survey		(Possible 100)		

		Casualty B		
15.0	RECORDING			
15.1	Was the date and time recorded?	A	5	0
15.2	Was the patient's information recorded?	A	5	0
15.3	Was the First Aider's information recorded?	A	5	0
15.4	Was the initial Level of Consciousness recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.5	Was the initial Respirations recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.6	Was the initial Pulse recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.7	Was the initial Skin Condition & Temperature recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.8	Was incident history recorded?	A	5	0
15.9	Was mechanism of injury recorded? <i>(casualty was knocked off stepladder)</i>	A	5	0
15.10	Was the patient's medications recorded? <i>(none)</i>	A	5	0
15.11	Was medical history noted? <i>(none)</i>	A	5	0
15.12	Did the First Aider record when/what the patient last ate?	A	5	0
15.13	Was the possible neck injury recorded?	A	5	0
15.14	Was treatment for the neck injury?	A	5	0
15.15	Were head injuries recorded?	A	5	0
15.16	Was the right clavicle injury recorded?	A	5	0
15.17	Was treatment for the fractured right clavicle recorded?	A	5	0
15.18	Was the reassessed Level of Consciousness recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.19	Was the reassessed Respirations recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.20	Was the reassessed Pulse recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.21	Was the reassessed Skin Condition & Temperature recorded? <i>(If no time recorded, then no mark.)</i>	A	5	0
15.22	Was notification of EMS recorded?	A	5	0
PAGE 15 SUB-TOTAL POINTS AWARDED				
Recording		(Possible 110)		