

2011 41st Annual Ontario Open First Aid Challenge

Bleachers TEAM SCENARIO

Background Scenario

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)

The scenario takes place in early May, in the bleachers area of a large gym the day after a big event.

Casualty A is a grounds worker who is cleaning up the bleachers after a big game. While cleaning up, Casualty A comes across a pile of newspapers and pulls some away - only to uncover the leg of Casualty B.

Casualty B is an older homeless person who thought that they would lie down in the bleachers to sleep for the night and cover themselves with newspapers to keep warm.

Upon finding Casualty B, Casualty A is shocked and crushes a glass bottle that they had just picked up and gets cuts in both hands and glass embedded in one of the palms. His / Her screams will alert the First Aid Team and begin the problem.

From here the scenario will run as per routine.

INJURIES

Casualty A (GROUNDSKEEPER)

- Conscious, Alert and Breathing
- Shocked (pale, moist)
- Casualty has superficial oozing cuts to the palms of both hands
- Single piece of glass embedded in one of the palms

Casualty B (HOMELESS PERSON - MANIKIN)

- Unconscious, Not Breathing, No Pulse initially, Pale, Hypothermia
- Regains Pulse, Breathing and Consciousness after 3 min of CPR/AED – JUDGES TO KEEP OWN TIME
- After 3 minutes CPR/AED – JUDGES to prompt that casualty makes a gasp and is heard to moan
- After regains consciousness will have superficial frostbite in one hand & hypothermia

CASUALTY PROMPTS

Casualty A (GROUNDS KEEPER - sitting on bleacher looking shocked, hands in lap)

- You are alert and orientated with full recollection but you are cold and “shocked”
- You were cleaning up after the big event from last night and picked up some papers only to see a leg.
- You froze and could only yell for help. You squeezed a glass bottle in your hand so hard that it broke.
- Allergy to bee stings – not been stung today

Casualty B (HOMELESS PERSON (MANIKIN) face down in foot area of bleachers covered in newspaper except for one leg)

- Vital Signs absent, hypothermic, pale, one hand whitish (frostbite)
- Will regain consciousness after 3 min of CPR/AED but will be oriented to person only and have no recall of evening prior

PROPS AND SUPPLIES**BLEACHERS:****Casualty A:**

- Male or female live person
- Road crew type safety vest or other clothing (ie Tyvek suit) that looks like that worn by groundskeepers
- Garbage bag with pretend "garbage" ie. balled up newspaper that casualty has been picking up
- Fake glass shards (i.e. clear plastic cup cut up into shards)
- Cell phone for casualty's back pocket - can be a paper cut out prop etc.
- Medic alert bracelet (Left wrist) – "allergy to bee stings"

Casualty B:

- Full sized i.e. complete body, CPR mannequin
- Clothing to go over top of or in place of traditional blue tracksuit of Annie doll (I really want the mannequin to look like an older street person) ie. To be wearing worn clothes, stuffed with newspapers, dirty face, old hat / toque on head. Covered in newspapers except for one leg.
- Has superficial frostbite to fingers on one side and is pale

Miscellaneous Props:

- Spare batteries for the AED simulator / trainer
- Newspaper – enough to cover mannequin, stuff in mannequin clothing, spares
- Sign saying: "First Aid / AED Station" with First Aid Kit and AED simulator underneath it
- Smallest of the First Aid Kit types

TREATMENT SUPPLIES:

- The smallest sized first aid kit – 1 per scenario
- PCRs – approx 100
- Gloves of various sizes
- Extra gauze squares in 2x2 and 4x4 – about 100 of each
- Extra triangular bandages – about 50
- Pocket mask with spare valves

JUDGES' PROMPTS**Casualty A (GROUNDS KEEPER - sitting on bleacher looking shocked, hands in lap)**

	1st Set	2nd Set	3rd Set (if needed)
Respirations	16 shallow regular	14 shallow regular	all values
Pulse	105 weak /regular	85 strong/regular	same as
Skin	Pale/Moist / Cool	Pale / Warm / Dry	2 nd set
Pupils	3 mm reactive	3 mm reactive	
LOC	Conscious	Conscious	

- Allergy to Bee Stings – Anaphylaxis – not stung today
- Takes Epipen – but only when stung by bee – NOT stung today
- Last ate a full meal approximately 1 hour ago
- "Just cleaning up the mess when I saw this leg sticking out"

Casualty B (HOMELESS PERSON (MANIKIN) face down in foot area of bleachers covered in newspaper except for one leg)

	1st Set	2nd Set (AFTER CPR)	3rd Set (if needed)
Respirations	none	16 shallow, regular	all values
Pulse	none	70 full / regular	same as
Skin	Pale / Cold / Dry	Pale / Cold / Dry	2 nd set
Pupils	Fixed & dilated	3 mm reactive	
LOC	Unconscious	Conscious	

- Unknown how came to be in this condition – when conscious oriented to person but has no recollection of evening prior
- Allergies and medications both unknown
- No significant medical history- judges to prompt as needed
- Does not remember when ate last meal

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BLEACHERS TEAM SCENARIO

TEAM Information

Team Number _____

Team Member #1 _____

Team Member #2 _____

Judges' Names _____

Page 4, Scene / Primary Survey- Casualty A _____
(Possible 260)

Page 5, Secondary Survey- Casualty A, Sub-Total _____
(Possible 100)

Page 6, Treatment - Casualty A, Sub-Total _____
(Possible 330)

Page 7, Recording - Casualty A, Sub-Total _____
(Possible 105)

Page 8, Primary Survey- Casualty B, Sub-Total _____
(Possible 460)

Page 9, Secondary Survey- Casualty B, Sub-Total _____
(Possible 100)

Page 10, Sec Survey & Tx - Casualty B, Sub-Total _____
(Possible 310)

Page 11. Recording – Casualty B, Sub-Total _____
(Possible 170)

Total: _____
(Possible 1835)

Total Points Awarded	
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SCENE / PRIMARY SURVEY: CASUALTY A		A/S	P O I N T S	N O T D O N E
This section is active for the first 3 minutes of the scenario only. During these first 2 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>				
1.1	Did First Aider take charge of the situation? <i>(tells casualties not to move?)</i>	A/S	20	0
1.2	Did First Aider I.D. themselves ?	A/S	20	0
1.3	Did First Aiders obtain consent to help?	A/S	20	0
1.4	Were hazards assessed & made safe? <i>(broken glass)</i>	A/S	20	0
1.5	Did First Aiders put on protective gloves?	A	20	0
1.6	Did First Aider ask what happened?	S	20	0
1.7	Did First Aider determine if there are other casualties? <i>(None)</i>	S	20	0
1.8	Did First Aider activate 911? <i>(may send bystander or may call themselves- casualty A has cell-phone)</i>	S	20	0
1.9	Did First Aider assess responsiveness?– Casualty A (<i>conscious</i>)	A/S	20	0
1.10	Did First Aider assess airway? – Casualty A <i>(clear)</i>	A/S	20	0
1.11	Did First Aider assess breathing?– Casualty A (16 <i>shallow / regular</i>)	A	20	0
1.12	Did First Aider assess the circulation – skin condition and temperature? – Casualty A <i>(skin is cool, pale and moist)</i>	A	20	0
1.13	Did First Aider perform Rapid Body Survey? – Casualty A <i>(superficial cuts both palms, embedded glass in one palm)</i>	A	20	0
Page 4 – PRIMARY SURVEY (POSSIBLE 260)				

CASUALTY #A – GROUNDSKEEPER				
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.		A/S	P O I N T S	N O T D O N E
<i>Actions in this section may be done in any order.</i>				
2.0	HISTORY			
2.1	Did the First Aider ask about the casualty's symptoms? <i>(feels cold and "shocked" and has minor pain in both palms)</i>	S	10	0
2.2	Did the First Aider ask if casualty has any allergies? <i>(bee stings)</i>	S	10	0
2.3	Did First Aider ask if they used any medications? <i>(EpiPen)</i>	S	10	0
2.4	Did First Aider ask if he had any medical problems? <i>(none)</i>	S	10	0
2.5	Did the First Aider ask if casualty had eaten? <i>(Yes, 1 hr ago)</i>	S	10	0
2.6	Did the First Aider ask the casualty how hand was injured? <i>(got shocked when found leg and crushed glass bottle in hand)</i>	S	10	0
3.0	VITAL SIGNS			
3.1	Did First Aider assess level of consciousness? <i>(conscious)</i>	A/S	10	0
3.2.	Did First Aider assess Respiration? <i>Correct to 16, shallow, regular.</i>	A	10	0
3.3	Did First Aider assess Pulse? <i>(carotid or radial OK.)</i> <i>Correct to 105, weak, regular.</i>	A	10	0
3.4	Did First Aiders assess Skin Condition & Temperature? <i>Correct to pale / moist / cool.</i>	A	10	0
SUB-TOTAL POINTS AWARDED Page 5 – SECONDARY SURVEY (Possible 100)				

CASUALTY #A – GROUNDSKEEPER				
4.0	HEAD TO TOE ASSESSMENT			
4.1	Check head? (<i>pale, moist to face</i>)	A	10	0
4.2	Check eyes? (<i>pupils equal, 3mm and reacts to light</i>)	A	10	0
4.3	Check mouth? (<i>mouth is clear</i>)	A	10	0
4.4	Check ears? (<i>ears clear</i>)	A	10	0
4.5	Check neck? (<i>no deformity</i>)	A	10	0
4.6	Check collarbones? (<i>no deformity</i>)	A	10	0
4.7	Check shoulders? (<i>no deformity</i>)	A	10	0
4.8	Check left arm? (<i>medic alert</i>)	A	10	0
4.9	Check left hand? (<i>cuts</i>)	A	10	0
4.10	Check right arm? (<i>no deformity</i>)	A	10	0
4.11	Check right hand? (<i>single piece embedded glass</i>)	A	10	0
4.12	Check chest? (<i>no deformity</i>)	A	10	0
4.13	Check abdomen? (<i>clear</i>)	A	10	0
4.14	Check back? (<i>no deformity</i>)	A	10	0
4.15	Check both legs? (<i>no deformity</i>)	A	10	0
5.0	TREATMENT			
	SHOCK			
5.1	Was casualty reassured?	S	10	0
5.2	Was casualty reassured more than once?	S	10	0
5.3	Was casualty covered with anything for warmth?	A	10	0
5.4	HANDS	A	20	0
	Was circulation to both hands checked before treatment? (<i>both for points</i>)			
5.5	Were both hand wounds covered with sterile dressings? (<i>both for points</i>)	A	10	0
5.6	Were both hand wounds bandaged effectively? (<i>both for points</i>)	A	10	0
5.7	Was circulation in both hands checked after treatment? (<i>both for points</i>)	A	20	0
5.8	Did First Aider re-check for bleeding in both hands? (<i>both for points</i>)	A	20	0
5.9	EMBEDDED OBJECT (GLASS) IN HAND			
	Was embedded object effectively supported in place to prevent movement?	A	10	0
5.10	Was care taken to keep movement of the hand to minimum?	A	20	0
5.11	Did First Aiders reassess Level of Consciousness? (<i>alert</i>)	A/S	10	0
5.12	Did First Aiders reassess Respiration? <i>Correct to 14 shallow, regular.</i>	A	10	0
5.13	Did First Aiders reassess Pulse? (<i>carotid or radial OK.</i>) <i>Correct to 85 strong, regular.</i>	A	10	0
5.14	Did First Aiders reassess Skin Condition & temperature? <i>Correct to pale /warm / dry.</i>	A	10	0
SUB-TOTAL POINTS AWARDED				
Page 6 – Treatment				
(Possible 330)				

CASUALTY #A – GROUNDSKEEPER				
6.0	RECORDING			
6.1	Was the date and time recorded?	A	5	0
6.2	Was the Casualty's information (name, address, date of birth etc) recorded?	A	5	0
6.3	Was the First Aiders information recorded?	A	5	0
6.4	Was the initial Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark)</i>	A	5	0
6.5	Was the initial Respiration recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.6	Was the initial Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.7	Was the initial Skin Condition and Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.8	Was incident history recorded? <i>(was cleaning area, crushed glass in hand)</i>	A	5	0
6.9	Did the First Aiders record that the Casualty had eaten earlier today? <i>(ate approximately 1 hour ago)</i>	A	5	0
6.10	Was location of injury recorded ? <i>(both hands)</i>	A	5	0
6.11	Was the injury (multiple cuts, embedded glass) described?	A	5	0
6.12	Was the fact that circulation was assessed before and after treatment recorded?	A	5	0
6.13	Was the treatment of the embedded object recorded?	A	5	0
6.14	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark)</i>	A	5	0
6.15	Was the reassessed Respiration recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.16	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.17	Was the reassessed Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.0	PERSONAL PROTECTIVE EQUIPMENT			
7.1	Were gloves used effectively? (i.e. torn gloves replaced if applicable and gloves changed between treating each patient) <i>(Judges Note: torn gloves must be replaced.)</i>	A	20	0
SUB-TOTAL POINTS AWARDED				
Page 7 – Recording				
(Possible 105)				

SCENE / PRIMARY SURVEY: CASUALTY B		A/S	P O I N T S	N O T D O N E
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	CASUALTY B	X	X	X
1.1	Were hazards around Casualty assessed? (<i>debris removed</i>)	S	20	0
1.2	Did 2 nd First Aider verify 911 has been called?	S	20	0
1.3	Did First Aider assess responsiveness? (<i>unconscious</i>)	A/S	20	0
1.4	Did First Aider open airway? (<i>Head tilt, chin lift or jaw thrust</i>)	A	20	0
1.5	Did First Aider assess airway? (<i>no foreign bodies visible</i>)	A/S	20	0
1.6	Did First Aider assess breathing? (<i>none</i>)	A	20	0
1.7	Did First Aiders gently and effectively move Casualty B to an area where resuscitation could be delivered ?	A	20	0
1.8	Did First Aider provide two ventilations using barrier device? (<i>both go in</i>)	A	20	0
1.9	Did First Aider commence effective CPR at a ratio of 30:2?	A	20	0
1.10	Did First Aider retrieve AED and apply pads correctly to chest - may be done prior to beginning CPR? (<i>no shaving required</i>)	A	20	0
1.11	Did First Aider obey AED commands? (<i>shock advised</i>)	A	20	0
1.12	Did First Aider ensure that no one was touching casualty prior to pressing "Shock" button? (<i>casualty is clear</i>)	A	20	0
1.13	Did First Aider perform effective CPR following the first shock?	A	20	0
1.14	Did First Aider acknowledge Casualty's gasp of air and stop CPR?	A	20	0
1.15	Did First Aider assess responsiveness? (<i>casualty conscious but confused</i>)	A	20	0
1.16	Did First Aider I.D. themselves ?	S	20	0
1.17	Did First Aider obtain consent to help? (<i>casualty consents</i>)	S	20	0
1.18	Did First Aider ask if Casualty B knew what happened ? (<i>no memory</i>)	S	20	0
1.19	Did First Aider reassess the casualty's airway? (<i>clear</i>)	A/S	20	0
1.20	Did First Aider assess breathing? (<i>16, shallow, regular</i>)	A	20	0
1.21	Did First Aider assess the circulation – skin condition and temperature? (<i>pale, cold, dry</i>)	A	20	0
1.22	Did First Aider perform rapid body survey?(<i>no bleed /trauma</i>)	A	20	0
1.23	Did First Aider leave the AED pads attached to casualty?	A	20	0
SUB-TOTAL POINTS AWARDED				
Page 8 – PRIMARY SURVEY				
(Possible 460)				

CASUALTY #B – MANIKIN				
SECONDARY SURVEY:		A/S	P O I N T S	N O T D O N E
<i>Actions in this section may be done in any order.</i>				
8.0	HISTORY			
8.1	Did the First Aiders ask the casualty about any symptoms? <i>(feels cold)</i>	S	10	0
8.2	Did the First Aiders ask if casualty has any allergies? <i>(can't remember)</i>	S	10	0
8.3	Did First Aider ask if they take any medications? <i>(unknown)</i>	S	10	0
8.4	Did First Aiders ask if he had any medical problems? <i>(can't remember)</i>	S	10	0
8.5	Did the First Aiders ask if casualty had eaten? <i>(doesn't remember)</i>	S	10	0
8.6	Did the First Aiders ask the casualty what happened? <i>(doesn't recall)</i>	S	10	0
9.0	VITAL SIGNS			
9.1	Did First Aiders assess Level of Consciousness?	A	10	0
9.2.	Did First Aiders assess Respiration? <i>(16 shallow & regular)</i>	A	10	0
9.3	Did First Aiders assess Pulse? <i>(70 full & regular.)</i>	A	10	0
9.4	Did First Aiders assess Skin Condition & Temperature? <i>(pale, cold, dry)</i>	A/S	10	0
SUB-TOTAL POINTS AWARDED				
Page 9 – SECONDARY SURVEY				
(Possible 100)				

CASUALTY #B – MANIKIN				
10.0	HEAD TO TOE ASSESSMENT			
10.1	Check scalp? <i>(no deformities)</i>	A	10	0
10.2	Check eyes? <i>(pupils equal, 3 mm and reacts to light)</i>	A	10	0
10.3	Check nose? <i>(no deformities and clear)</i>	A	10	0
10.4	Check mouth? <i>(mouth is clear)</i>	A	10	0
10.5	Check jaw? <i>(no deformity)</i>	A	10	0
10.6	Check ears? <i>(ears clear – no fluid)</i>	A	10	0
10.7	Check neck? <i>(no deformity)</i>	A	10	0
10.8	Check collarbones? <i>(no deformity)</i>	A	10	0
10.9	Check shoulders? <i>(no deformity)</i>	A	10	0
10.10	Check Right arm/hand? <i>(no deformity)</i>	A	10	0
10.11	Check Left arm/hand? <i>(pale, cold, hand is frostbitten white waxy but SOFT to touch ie. superficial)</i>	A	10	0
10.12	Check chest? <i>(no deformity)</i>	A	10	0
10.13	Check abdomen? <i>(clear)</i>	A	10	0
10.14	Check back? <i>(no deformity)</i>	A	10	0
10.15	Check pelvis? <i>(no deformity)</i>	A	10	0
10.16	Check right leg? <i>(no deformity)</i>	A	10	0
10.17	Check right ankle and foot? <i>(no deformity)</i>	A	10	0
10.18	Check left leg? <i>(no deformity)</i>	A	10	0
10.19	Check left ankle and foot? <i>(no deformity)</i>	A	10	0
11.0	Treatment of Frostbite – Superficial to Hand			
11.1	Was injured area exposed?	A	10	0
11.2	Was sensation and movement checked? <i>(sensation intact)</i>	A	10	0
11.3	Was presence of pain assessed? <i>(pt states is painful)</i>	A	10	0
11.4	Was attempt made to re-warm gradually/passively ? <i>(against self, armpits, etc)</i>	A	10	0
11.5	Was the area reassessed during or after re-warming?	A	10	0
12.0	SHOCK & VITALS REASSESSMENT			
12.1	Was casualty reassured?	S	10	0
12.2	Was casualty reassured more than once?	S	10	0
12.3	Was the casualty covered to treat for shock/hypothermia?	A	10	0
12.4	Did First Aiders reassess Level of Consciousness? <i>(alert)</i>	A/S	10	0
12.5	Did First Aiders reassess Respirations? <i>(16 shallow & regular)</i>	A	10	0
12.6	Did First Aiders reassess Pulse? <i>(70 full & regular.)</i>	A	10	0
12.7	Did First Aiders reassess Skin Condition & Temperature? <i>(pink, warm, dry)</i>	A	10	0
SUB-TOTAL POINTS AWARDED Page 10 – SECONDARY SURVEY				
(Possible 310)				

CASUALTY #B- MANIKIN				
13.0	RECORDING			
13.1	Was the date and time recorded?	A	5	0
13.2	Was the Casualty's information recorded?	A	5	0
13.3	Was the First Aiders information recorded?	A	5	0
13.4	Was incident history recorded? (<i>found by groundskeeper- no vital signs.</i>)	A	5	0
13.5	Was administration of CPR recorded? (<i>If no time recorded, then no mark.</i>)	A	10	0
13.6	Was delivery of shock recorded? (<i>If no time recorded, then no mark.</i>)	A	20	0
13.7	Was return of spontaneous circulation recorded? (<i>If no time recorded, then no mark.</i>)	A	10	0
13.8	Was the initial Level of Consciousness recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.9	Was the initial Respirations recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.10	Was the initial Pulse recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.11	Was the initial Skin Condition & Temperature recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.12	Was the casualty's allergies (unknown) recorded?	A	5	0
13.13	Was Casualty's medical history recorded? (unknown)	A	5	0
13.14	Did the First Aiders record that the Casualty unsure when had last eaten?	A	5	0
13.15	Was the reassessed Respirations recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.16	Was the reassessed Pulse recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.17	Was the reassessed Skin Condition recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.18	Was the reassessed Skin Temperature recorded with time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.19	Was the reassessed Level of Consciousness recorded with the time taken? (<i>If no time recorded, then no mark.</i>)	A	5	0
13.20	Was suspicion of hypothermia recorded?	A	10	0
13.21	Was frostbite to hand recorded?	A	10	0
13.22	Was treatment for the frostbite of the hand recorded?	A	10	0
14.0	PERSONAL PROTECTIVE EQUIPMENT			
14.1	Were gloves used effectively (ie torn gloves replaced if applicable and gloves changed between treating each patient)?	A	20	0
SUB-TOTAL POINTS AWARDED				
Page 11 – Recording				
(Possible 170)				