

2010

40th Annual Ontario Open First Aid Challenge

Workshop 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 the workshop of the building where displays are made / repaired etc.

The team is called by a bystander (played by the judge) to assist an injured person who called for help from the facility's workshop telephone.

The team members can only enter one at a time because of the need for safety gear (safety glasses and breathing mask) in the "very dangerous and very dusty shop" and the fact that only one set is initially available from the bystander (ie judge) at the beginning.

The bystander / judge will give one set of safety gear to whatever team member wants to go in first (ie team's choice). The first team member will be allowed in while the second team member is made to wait outside the curtained area (and unable to see the competition square) while the judge goes to "find a second set of safety equipment". The judge will bring out the second set of safety gear miraculously at exactly the 3 minute mark.

*The first team member will be allowed in by themselves and be given 3 minutes of time to treat the injured patient inside. At the **3 minute mark** the first team member will become a casualty themselves (unbeknownst to their team member who is waiting outside !!). At this point a casualty sim or support person or judge will quickly apply a "cut" ie. fake blood line to the hand of the first team member and advise that team member that they have "twisted" their ankle. This quick sim needs to happen between **the 3 and 5 minute mark**.*

At the 5 minute mark the second team member will be given safety glasses and a mask and be allowed to enter. When they enter they will shockingly and surprisingly find that they have not only a patient to finish treating but also a partner who needs to be treated and will be of little help with only one good arm and leg. The second team member will have one minute to complete a primary survey (ie. minute 5 –6)

From here the scenario will run as per routine.

INJURIES

Casualty A (NON-Team member casualty)

- Conscious and breathing
- Shock (pale, moist)
- Casualty has superficial oozing cuts to the palms of both hands
- Embedded object impaled right through the back of the Right Lower leg
- Object is covered with a green garbage bag which is draped over the leg

Casualty B (TEAM member casualty)

- Conscious and breathing, not shocked
- Laceration of 2" across the top of the Left Hand
- Sprained Left Ankle **that cannot bear weight until splinted in some way**

CASUALTY PROMPTS

Casualty A (NON TEAM MEMBER - sitting on floor hands in lap)

- You are alert and orientated with full recollection but you are cold and “shaky”
- Were working with cutting tool that jammed. You tried to un-jam it and piece flew into your leg.
- You cut your hands on the tool trying to un-jam it

Casualty B (TEAM MEMBER sitting on floor)

- You cut your hand accidentally on piece of metal while trying to help the real casualty
- You pulled your hand back and twisted your ankle which hurt immediately thereafter
- You **cannot stand or bear weight on your ankle**

PROPS AND SUPPLIES

WORKSHOP PROPS:

- sign “WORKSHOP – EYE PROTECTION AND MASK REQUIRED” – 1 per square
- old lumber or wood for woodshop effect – 2-3 pcs per square
- a cutting tool of some description (hand, electric, power saw) – 1 per square
- telephone, can be an actual phone or sign image etc. – 1 per square
- safety goggles of some description – 2 pair per square
- breathing mask of some description (? Paper hospital type) – 100 total
- green garbage bags – 25 total

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

JUDGES' PROMPTS

Casualty A (Sitting on ground, hands in lap)

	1 st Set	2 nd Set	3 rd Set (if needed)
Respirations	20 shallow regular	18 shallow regular	all values
Pulse	110 weak /regular	90 strong/regular	same as
Skin	Pale/Moist / Cool	Pale / Warm / Dry	2 nd set
Pupils	3 mm reactive	3 mm reactive	
LOC	Conscious	Conscious	

- No allergies
- Takes Coumadin (to thin his blood) 2 mg each day
- Stents put in heart after a heart attack 3 years ago
- Last ate a full meal approximately 1 hour ago
- “It was just one of those freak accidents”

Casualty B (Sitting on ground – cant stand on leg)

	1 st Set	2 nd Set	3 rd Set (if needed)
Respirations	14 shallow, regular	16 shallow, regular	all values
Pulse	80 full / regular	80 full / regular	same as
Skin	Pink / Warm / Dry	Pink / Warm / Dry	2 nd set
Pupils	3 mm reactive	3 mm reactive	
LOC	Conscious	Conscious	

- Casualty feels okay other than sore ankle – did NOT hit head.
- Allergies to be as found
- No medications – judges should be prepared to correct as needed
- No significant medical history- judges to prompt as needed
- Last ate a full meal approximately 1 hour ago – judges should be prepared to prompt as needed
- Can state events prior as relevant –judges be prepared to prompt – ie they cut hand on metal helping other casualty

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Workshop TEAM SCENARIO

TEAM Information

Team Number _____

Team Member #1 _____

Team Member #2 _____

Judges' Names _____

Page 4, Primary Survey **Sub-Total** _____
(Possible 620)

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

Page 6, Treatment - Casualty A, **Sub-Total** _____
(Possible 370)

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

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

Page 9, Secondary Survey- Casualty B, **Sub-Total** _____
(Possible 260)

Page 10, Treatment - Casualty B, **Sub-Total** _____
(Possible 130)

Page 11, Recording - Casualty B, **Sub-Total** _____
(Possible 125)

Secondary Survey Points Total _____
(Possible 1170)

Total Points Awarded
Primary + Secondary Total (Possible 1790)

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. *** FOR INITIAL RESCUER ***		A/S	P O I N T S	N O T D O N E
1.1	Did First Aider use eye protection appropriately ? (must be worn for duration of scenario to receive mark)	A	20	0
1.2	Did First Aider use Protective Mask appropriately ? (must be worn for duration of scenario to receive mark)	A	20	0
1.3	Did First Aider take charge of the situation?(<i>tells casualties not to move</i>)	S	20	0
1.4	Did First Aider I.D. themselves ?	A/S	20	0
1.5	Did First Aider obtain consent to help?	A/S	20	0
1.6	Were hazards assessed?	A	20	0
1.7	Did First Aider put on protective gloves ?	A	20	0
1.8	Did First Aider ask what happened ?	S	20	0
1.9	Did First Aider determine if there are other casualties ? <i>None</i>	S	20	0
1.10	Did First Aider activate 911 ? (<i>may send bystander or may call themselves</i>)	S	20	0
1.11	Did First Aider assess responsiveness – Casualty A? (<i>conscious</i>)	A/S	20	0
1.12	Did First Aider assess airway? – Casualty A (<i>clear</i>)	A/S	20	0
1.13	Did First Aider assess breathing– Casualty A ? (<i>20 shallow / regular</i>)	A	20	0
1.14	Did First Aider assess the circulation – skin condition and temperature – Casualty A? (<i>skin is cool, pale and moist</i>)	A	20	0
1.15	Did First Aider perform Rapid Body Survey – Casualty A? (<i>injuries as found</i>)	A	20	0
** FOR SECOND RESCUER ** (1 minute time limit)				
1.16	Did 2 nd First Aider use eye protection appropriately ? (must be worn for the duration of the scenario to receive mark)	A	20	0
1.17	Did 2 nd First Aider use Protective Mask appropriately ?	A	20	0
1.18	Did 2 nd First Aider verify 911 has been called ?	S	20	0
1.19	Did 2 nd First Aider get an update on Casualty A from the first rescuer (<i>must include A,B,C and injuries</i>) ?	A	20	0
1.20	Did First Aider assess responsiveness – Casualty B? (<i>conscious</i>)	A/S	20	0
1.21	Did First Aider assess airway? – Casualty B (<i>clear</i>)	A/S	20	0
1.22	Did First Aider assess breathing– Casualty B? (<i>20 regular and shallow</i>)	A	20	0
1.23	Did First Aider assess the circulation – skin condition and temperature – Casualty B? (<i>skin is pink, warm, dry</i>)	A	20	0
1.24	Did First Aider perform rapid body survey– Casualty B? (<i>cuts to hands</i>)	A	20	0
1.25	Did First Aider take charge of the situation? (<i>tell casualty not to move</i>)	S	20	0
1.26	Did First Aider I.D. themselves ?	A/S	20	0
1.27	Did First Aider obtain consent to help?	A/S	20	0
1.28	Were hazards assessed ?	A	20	0
1.29	Did First Aider put on protective gloves ?	A	20	0
1.30	Did First Aider ask what happened ?	S	20	0
1.31	Did First Aider determine if there are other casualties ? (<i>2 casualties total</i>)	S	20	0

Page 4 – PRIMARY SURVEY (POSSIBLE 620)

CASUALTY #A – NON-TEAM member				
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			
2.1	Did the First Aider ask the casualty what happened? (working on equipment tried to unjam cutting device metal flew off)	S	10	0
2.2	Did the First Aider ask if casualty has any allergies? (none)	S	10	0
2.3	Did First Aider ask if they used any medications? (<i>Coumadin</i>)	S	10	0
2.4	Did First Aider ask if he had any medical problems? (Heart attack 3 years ago)	S	10	0
2.5	Did the First Aider ask if casualty had eaten? (Yes, 1 hr ago)	S	10	0
3.0	VITAL SIGNS			
3.1	Did First Aider acknowledge Casualty was still conscious?	A	10	0
3.2.	Did First Aider assess Respirations? <i>Correct to 20 regular and full.</i>	A	10	0
3.3	Did First Aider assess Pulse? (<i>carotid or radial OK.</i>) <i>Correct to 110, weak, regular.</i>	A	10	0
3.4	Did First Aiders assess Skin Condition & Temperature? <i>Correct to pale / warm / dry.</i>	A/S	10	0
SUB-TOTAL POINTS AWARDED Page 5 – SECONDARY SURVEY (Possible 90)				

CASUALTY #A – NON TEAM member				
4.0	HEAD TO TOE ASSESSMENT			
4.1	Check head? (pale, moist to face)	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 – no fluid</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>no deformity</i>)	A	10	0
4.9	Check left hand? (cuts)	A	10	0
4.10	Check right upper arm? (<i>no deformity</i>)	A	10	0
4.11	Check right lower arm? (<i>embedded object</i>)	A	10	0
4.12	Check right hand? (cuts)	A	10	0
4.13	Check chest (<i>no deformity</i>)	A	10	0
4.14	Check abdomen? (clear)	S	10	0
4.15	Check back? (<i>no deformity</i>)	S	10	0
4.16	Check both legs? (<i>no deformity</i>)	S	10	0
5.0	TREATMENT			
	SHOCK			
5.1	Was casualty reassured?	S	10	0
5.2	Was casualty reassured more than once?	A	10	0
5.3	HANDS	S	20	0
	Was circulation both hands checked before treatment? (both for points)			
5.4	Were both hand wounds covered with sterile dressings ? (both for points)	S	10	0
5.5	Were both hand wounds bandaged securely ? (both for points)	A	10	0
5.6	Was circulation in both hands checked after treatment? (both for points)	S	20	0
5.7	Did First Aider re-check for bleeding in both hands (both for points)	A	20	0
5.8	EMBEDDED OBJECT			
	Was embedded object supported in place to prevent movement?	A	10	0
5.8	Was care taken to keep movement of the leg to a minimum ?	A	20	0
5.9	Was the leg wound re-checked to see for bleeding (<i>none</i>) ?	A	20	0
5.12	Did First Aiders reassess Level of Consciousness (<i>alert</i>)	S	10	0
5.13	Did First Aiders reassess Respirations? <i>Correct to 18 shallow regular.</i>	S	10	0
5.14	Did First Aiders reassess Pulse? (<i>carotid or radial OK.</i>) <i>Correct to 90 strong regular.</i>	S	10	0
5.15	Did First Aiders reassess Skin Condition & temperature? <i>Correct to pale/warm/dry.</i>	S	10	0
SUB-TOTAL POINTS AWARDED				
Page 6 – SECONDARY SURVEY				
(Possible 370)				

CASUALTY #A – NON-TEAM Member				
6.0	RECORDING			
6.1	Was the date and time recorded?	A	5	0
6.2	Was the Casualty's information 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 Respirations 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? (was working, on equipment, friend was trapped – tried to pry off equipment)	A	5	0
6.9	Did the First Aiders record that the Casualty had eaten earlier today?	A	5	0
6.10	Was location of injury recorded?	A	5	0
6.11	Was the injury (multiple cuts) 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
6.15	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark)</i>	A	5	0
6.16	Was the reassessed Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.17	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
6.18	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 (ie 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 – SECONDARY SURVEY				
(Possible 105)				

CASUALTY #B				
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 what happened? <i>(accidentally cut self in trying to help Casualty A and twisted ankle in process)</i>	S	10	0
8.2	Did the First Aiders ask if casualty has any allergies? <i>(as found)</i>	S	10	0
8.3	Did First Aider ask if they take any medications? <i>(none)</i>	S	10	0
8.4	Did First Aiders ask if he had any medical problems? <i>(none)</i>	S	10	0
8.5	Did the First Aiders ask if casualty had eaten? <i>(Yes, 1hr ago)</i>	S	10	0
9.0	VITAL SIGNS			
9.1	Did First Aiders acknowledge Casualty was still conscious?	A	10	0
9.2.	Did First Aiders assess Respirations? <i>(14 shallow & regular)</i>	A	10	0
9.3	Did First Aiders assess Pulse? <i>(80 weak & regular.)</i>	A	10	0
9.4	Did First Aiders assess Skin Condition & Temperature? <i>(pink, warm, dry)</i>	A/S	10	0
SUB-TOTAL POINTS AWARDED				
Page 8 – SECONDARY SURVEY				
(Possible 90)				

CASUALTY #B				
10.0	HEAD TO TOE ASSESSMENT		10	
10.1	Check scalp? (no deformities)	A		0
10.2	Check eyes? (<i>pupils equal, 3 mm and reacts to light</i>)	A	10	0
10.3	Check nose? (no deformities and clear)	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? (no deformity)	A	10	0
10.11	Check Left arm/hand? (superficial cut top left hand)	A	10	0
10.12	Check chest (<i>no deformity</i>)	A	10	0
10.13	Check abdomen? (clear)	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>swollen but no deformity</i>)	A	10	0
11.0	SHOCK & VITALS REASSESSMENT		10	
11.1	Was casualty reassured?	S		0
11.2	Was casualty reassured more than once?	S	10	0
11.3	Was the casualty covered over to treat for shock?	A	10	0
11.4	Did First Aiders reassess Level of Consciousness (<i>alert</i>)	A	10	0
11.5	Did First Aiders reassess Respirations? (<i>16 full & regular</i>)	A	10	0
11.6	Did First Aiders reassess Pulse? (<i>80 full & irregular.</i>)	A	10	0
11.7	Did First Aiders reassess Skin Condition & Temperature? (<i>pink, warm, dry</i>)	A	10	0
SUB-TOTAL POINTS AWARDED				
Page 9 – SECONDARY SURVEY				
(Possible 260)				

CASUALTY #B				
12.0	Treatment of Cut to Top of Hand			
12.1	Was there attempt to inspect the cut for embedded material?	A	10	0
12.2	Did the first aider assess mobility/sensation of the hand? (present)	A	10	0
12.3	Did the first aider apply a suitable dressing over the cut ?	A	10	0
12.4	Did the first aider apply a dressing over the bandage ?	A	10	0
12.5	Did the first aider check circulation after the bandage ?	A	10	0
12.6	Did the first aider apply a sling to elevate the cut hand ?	A	10	0
13.0	Treatment of Sprained Left Ankle			
13.1	Was injured area exposed ?	A	10	0
13.2	Was sensation and movement checked ?	A	10	0
13.3	Was a suitable splint applied ?	A	10	0
13.4	Was the splint secured appropriately ?	A	10	0
13.5	Was sensation checked after the splint ?	A	10	0
13.6	Was there an attempt to check distal circulation BEFORE splinting? (present)	A	10	0
13.7	Was there an attempt to check distal circulation AFTER splinting?(present)	A	10	0
SUB-TOTAL POINTS AWARDED				
Page 10 – SECONDARY SURVEY				
(Possible 130)				

CASUALTY #B				
14.0	RECORDING			
14.1	Was the date and time recorded?	A	5	0
14.2	Was the Casualty's information recorded?	A	5	0
14.3	Was the First Aiders information recorded?	A	5	0
14.4	Was the initial Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.6	Was the initial Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.7	Was the initial Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.8	Was incident history recorded? <i>(was helping, cut accidentally, etc..)</i>	A	5	0
14.9	Was the casualty's allergy if any disclosed or "none" recorded?	A	5	0
14.10	Was Casualty's medical history recorded? (none)	A	5	0
14.11	Did the First Aiders record that the Casualty had eaten earlier today?	A	5	0
14.12	Was the reassessed Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.13	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.14	Was the reassessed Skin Condition recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.15	Was the reassessed Skin Temperature recorded with time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.16	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.17	Was the bleed to the left hand recorded?	A	5	0
14.18	Was treatment for the left hand recorded?	A	5	0
14.19	Was the injury to the left leg recorded?	A	5	0
14.20	Was the treatment of the left leg recorded?	A	5	0
14.21	Was the inability to weight bear on the left leg recorded?	A	5	0
15.0	PERSONAL PROTECTIVE EQUIPMENT			
15.1	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 – SECONDARY SURVEY				
(Possible 125)				