

# 2011

## 41<sup>st</sup> Annual Ontario Open First Aid Challenge

### ***Campfire Foolishness*** - INDIVIDUAL SCENARIO – No BAND

#### **Background Scenario**

It is May 7<sup>th</sup> and your team is attending the Emergency Preparedness conference at UOIT/DC. You are crossing the courtyard heading to the library when you hear cries for help, and you investigate.

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 casualty is a camper who was attempting to light a fire at his campsite. He had decided to use gasoline to help light the fire but had accidentally spilled gasoline on his pant leg. When he attempted to light the fire, his right pant leg caught fire. He suffers burns to his right leg, and burns to both hands from trying to pat out the fire. The casualty also has a history of asthma, the stress from the injury triggers a severe asthma attack.

#### **INJURIES / ILLNESS**

- 2<sup>nd</sup> degree burns, with surrounding 1<sup>st</sup> degree burns, to anterior right lower leg and knee, approximately 5% body surface area – with ash/soot from pant material
- 1<sup>st</sup> degree burns to palms and fingers of both hands, with small 2<sup>nd</sup> degree burns on both palms – with ash/soot from pant material
- Severe breathing difficulties - asthma
- Shock (pale and cyanotic)

#### **CASUALTY PROMPTS**

- Casualty is found sitting on the floor in the 'tripod' position, right leg outstretched.
- Pant leg should be burned away to expose wound.
- You are fully conscious throughout the scenario and you remember the incident.
- You are having severe breathing difficulties, gasping for breath, and can only speak in sentences of three words.
- Your right leg is in agony, as are both hands.
- If asked: you have a history of asthma, and carry a Salbutamol metered dose inhaler
- If asked: you would like to use your inhaler but need help due to the burns on your hands.
- If asked: you have no allergies, take no other medications, and have no other medical history.
- If two puffs of the inhaler are given, your breathing will become easier about a minute later.
- If two additional puffs of the inhaler are given, your breathing difficulties will resolve.
- If the inhaler is not used, continue complaining that you cannot breathe.
- Continue complaining of pain in your leg and hands throughout the scenario.

**PROPS**

- Dressed in Tyvek coveralls – lower right pant leg to be previously burned
- Simulated Salbutamol metered dose inhaler, labelled appropriately
- Firewood & newspaper
- first aid kit ,

**JUDGES PROMPTS**

**VITAL SIGNS:**

	<b>Before inhaler</b>	<b>After inhaler</b>
Respiration	28, shallow, gasping	14 regular, full
Pulse	124 weak, regular	92 weak, regular
Skin	Pale/cyanotic, Cool, Moist	Pale, Cool, Moist
LOC	Conscious	Conscious

- Signs                                    "as found"
- Symptoms                            Severe breathing difficulty  
Severe pain lower right leg and both hands
- Allergies:                            None
- Meds:                                    Salbutamol metered dose inhaler
- Past Med History:                Asthma since childhood
- Last Meal:                            "full meal, 4 hours ago"
- Events:                                "pant leg caught fire while lighting campfire, tried to pat out with hands"

- Judge informs team that the area is safe, other than any visible hazards - IF ASKED.
- Judge informs team that bystander may call 911 - IF ASKED.

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41st Annual Ontario Open First Aid Challenge

**“Campfire Foolishness”** INDIVIDUAL SCENARIO – NO Band Individual

Team Number \_\_\_\_\_

Team Member #1 \_\_\_\_\_

Team Member #2 \_\_\_\_\_

Judges' Names \_\_\_\_\_

Page 4 Primary Survey	(Possible 340) Sub-Total	_____
Page 5, Secondary Survey	(Possible 270) Sub-Total	_____
Page 6, Tx, Shock & General	(Possible 410) Sub-Total	_____
Page 7, Recording	(Possible 135) Sub-Total	_____
	(Possible 1155) <b>Total</b>	_____

<b>Total Points Awarded</b> (Possible 1155)	
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<b>SCENE / PRIMARY SURVEY:</b> 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. <b>Actions in this section may be done in any order.</b>		<b>A/S</b>	<b>P O I N T S</b>	<b>N O T D O N E</b>
1.1	Did First Aider take charge of the situation? <i>(tells casualty not to move? )</i>	A/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	Were hazards assessed? <i>(gasoline can)</i>	S	20	0
1.5	Was gasoline can moved away from casualty?	A	20	0
1.6	Did First Aider call out for help from by-standers?	A	20	0
1.7	Did First Aider put on protective gloves? <i>(must actually be worn before touching patient to receive marks)</i>	A	20	0
1.8	Did First Aider determine if there are other casualties? <i>(none)</i>	S	20	0
1.9	Did First Aider determine/state the mechanism of injury? <i>(pant leg caught fire while lighting campfire)</i>	A/S	20	0
1.10	Did First Aiders assess responsiveness? <i>(conscious)</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>(28 shallow and gasping)</i>	A	20	0
1.13	Did First Aider assess Circulation – Skin condition & temperature? <i>(pale/cyanotic, cool, moist)</i>	A	20	0
1.14	Did First Aiders perform a rapid body survey? <i>(burns to both hands and lower right leg and knee)</i>	A	20	0
1.15	Was asthma recognized?	A/S	20	0
1.16	Was cooling of burns begun (irrigation/ moist dressings)?	A	20	0
1.17	Did First Aider activate EMS? <i>(the bystander is available )</i>	A/S	20	0
<b>PAGE 4 SUB-TOTAL POINTS AWARDED</b>				
Primary Survey (Possible 340)				

<b>SECONDARY SURVEY:</b> Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the <b>Primary Survey</b> . After the 3 first minutes, this is the only section that points shall be awarded to. <b>Actions in this section may be done in any order.</b>		<b>A/S</b>	<b>P O I N T S</b>	<b>N O T D O N E</b>
<b>2.0</b>	<b>HISTORY OF THE CASUALTY:</b>			
2.1	Did the First Aider ask the casualty's name?	<b>S</b>	<b>10</b>	<b>0</b>
2.2	Did the First Aider ask about symptoms? ( <i>Severe breathing difficulty, severe pain lower right leg and both hands</i> )	<b>S</b>	<b>10</b>	<b>0</b>
2.3	Did the First Aider ask if casualty has any allergies? ( <i>none</i> )	<b>S</b>	<b>10</b>	<b>0</b>
2.4	Did First Aider ask casualty if they take any meds? ( <i>inhaler</i> )	<b>S</b>	<b>10</b>	<b>0</b>
2.5	Did the First Aider ask about Past Medical History? ( <i>asthma</i> )	<b>S</b>	<b>10</b>	<b>0</b>
2.6	Did the First Aider ask if casualty had eaten? ( <i>"full meal, 4 hours ago"</i> )	<b>S</b>	<b>10</b>	<b>0</b>
2.7	Did First Aider ask casualty how the incident happened? ( <i>"caught pant leg on fire while lighting campfire"</i> )	<b>S</b>	<b>10</b>	<b>0</b>
<b>3.0</b>	<b>CASUALTY'S VITAL SIGNS ASSESSMENT</b>			
3.1	Did First Aider determine Level of Consciousness? ( <i>conscious</i> )	<b>A/S</b>	<b>10</b>	<b>0</b>
3.2	Did First Aider assess Respiration? ( <i>correct to 28 shallow and gasping.</i> )	<b>A</b>	<b>10</b>	<b>0</b>
3.3	Did First Aider assess Pulse? ( <i>carotid or radial OK.</i> ) ( <i>correct to 124 regular and weak.</i> )	<b>A</b>	<b>10</b>	<b>0</b>
3.4	Did First Aider assess Skin Condition & Temperature? ( <i>correct to pale/cyanotic, cool, and moist</i> )	<b>A</b>	<b>10</b>	<b>0</b>
<b>4.0</b>	<b>HEAD TO TOE ASSESSMENT:</b>			
4.1	Check scalp? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.2	Check eyes? ( <i>pupils equal, 4mm and reacts to light</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.3	Check nose? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.4	Check mouth? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.5	Check jaw? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.6	Check ears? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.7	Check neck? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.8	Check collarbones? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.9	Check shoulders? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.10	Check both arms/hands? ( <i>burns to palm and fingers both hands</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.11	Check chest ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.12	Check abdomen? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.13	Check back? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.14	Check pelvis? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.15	Check both legs? ( <i>burns to anterior lower right leg and knee</i> )	<b>A</b>	<b>10</b>	<b>0</b>
4.16	Check both ankles and feet? ( <i>clear</i> )	<b>A</b>	<b>10</b>	<b>0</b>
<b>PAGE 5 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey (Possible 270)				

<b>5.0</b>	<b>TREATMENT: Asthma</b>			
5.1	Did first aider ask if casualty wants to use inhaler? <i>(yes, casualty asks for assistance)</i>	A	20	10
5.2	Did the first aider check the 5-rights?	A	20	0
5.3	Did the first aider shake the inhaler for a minute?	A	20	0
5.4	Did the first aider assist the casualty to use the inhaler effectively?	A	20	0
5.5	Was a second puff given after a minute?	A	20	0
5.6	Did the first aider ask if breathing was easier a couple of minutes after inhaler used? <i>(some relief, still difficult to breathe)</i>	A	20	0
5.7	Did the first aider ask if the casualty wants to use the inhaler again? <i>(yes, casualty asks for assistance)</i>	A	20	0
5.8	Did the first aider assist the casualty with an additional 2 puffs from the inhaler?	A	20	0
<b>6.0</b>	<b>Right-hand burn</b>			
6.1	Was the burn irrigated/cleaned?	A	10	0
6.2	Were non-stick moist dressings applied?	A	10	0
6.3	Were non-stick dressings applied between the fingers?	A	10	0
6.4	Was distal circulation checked before bandaging?	A	10	0
6.5	Were the dressings bandaged lightly in place?	A	10	0
6.6	Was distal circulation checked after bandaging?	A	10	0
6.7	Were dressings re-moistened with saline to continue cooling?	A	10	0
<b>7.0</b>	<b>Left-hand burn</b>			
7.1	Was the burn irrigated/cleaned?	A	10	0
7.2	Were non-stick moist dressings applied?	A	10	0
7.3	Were non-stick dressings applied between the fingers?	A	10	0
7.4	Was distal circulation checked before bandaging?	A	10	0
7.5	Were the dressings bandaged lightly in place?	A	10	0
7.6	Was distal circulation checked after bandaging?	A	10	0
7.7	Were dressings re-moistened with saline to continue cooling?	A	10	0
<b>8.0</b>	<b>Right-leg burn</b>			
8.1	Was the burn irrigated/cleaned?	A	10	0
8.2	Were non-stick moist dressings applied?	A	10	0
8.3	Was distal circulation checked before bandaging?	A	10	0
8.4	Were the dressings bandaged lightly in place?	A	10	0
8.5	Was distal circulation checked after bandaging?	A	10	0
8.6	Were dressings re-moistened with saline to continue cooling?	A	10	0
<b>9.0</b>	<b>SHOCK AND GENERAL</b>			
9.1	Was casualty covered "over" to lessen shock?	A	10	0
9.2	Was Level of Consciousness reassessed? <i>(conscious)</i>	A/S	10	0
9.3	Was casualty's skin condition & temperature reassessed? <i>(pale, cool and moist - IF INHALER USED, ELSE UNCHANGED)</i>	A	10	0
9.4	Was casualty's pulse reassessed? <i>(92 regular and weak - IF INHALER USED, ELSE UNCHANGED)</i>	A	10	0
9.5	Was casualty's respiration reassessed? <i>(44 regular and full - IF INHALER USED, ELSE UNCHANGED)</i>	A	10	0
<b>PAGE 6 SUB-TOTAL POINTS AWARDED</b>				
Tx, Shock & General				
(Possible 410)				

<b>10.0</b>	<b>RECORDING</b>			
10.1	Was the incident date and time recorded?	A	5	0
10.2	Was the Casualty's name recorded?	A	5	0
10.3	Was the First Aider's name recorded?	A	5	0
10.4	Was the initial Level of Consciousness recorded?	A	5	0
10.5	Was the initial ABC status recorded? <i>(Airway patent; severe breathing difficulties; skin pale/cool/moist)</i>	A	5	0
10.6	Was incident history recorded?	A	5	0
10.7	Was mechanism of injury recorded?	A	5	0
10.8	Was the burn to the leg described/recorded?	A	5	0
10.9	Was the burn to the right-hand described/recorded?	A	5	0
10.10	Was the burn to the left-hand described/recorded?	A	5	0
10.11	Were 'No Known Allergies' recorded?	A	5	0
10.12	Was the Salbutamol inhaler recorded?	A	5	0
10.13	Was the history of asthma recorded?	A	5	0
10.14	Did the First Aider record when/what the casualty last ate?	A	5	0
10.15	Was the use of the inhaler recorded?	A	5	0
10.16	Was the 2 <sup>nd</sup> use of the inhaler recorded?	A	5	0
10.17	Was the treatment of the leg burn recorded?	A	5	0
10.18	Was the treatment of the right-hand burn recorded?	A	5	0
10.19	Was the treatment of the left-hand burn recorded?	A	5	0
10.20	Was the 1 <sup>st</sup> vital signs Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.21	Was the 1 <sup>st</sup> vital signs Respiration recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.22	Was the 1 <sup>st</sup> vital signs Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.23	Was the 1 <sup>st</sup> vital signs Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.24	Was the 2 <sup>nd</sup> vital signs Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.25	Was the 2 <sup>nd</sup> vital signs Respiration recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.26	Was the 2 <sup>nd</sup> vital signs Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.27	Was the 2 <sup>nd</sup> vital signs Skin Condition & Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0

<b>PAGE 8</b>	<b>SUB-TOTAL POINTS AWARDED</b>	
Recording	(Possible 135)	