

# 2011 40th Annual Ontario Open First Aid Challenge

## ***Unperched*** - TEAM SCENARIO

### **Background Scenario**

It is mid October, you and your team are covering a large hunting Rally in a remote area of the province.

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)***

This lone casualty was on his hunting perch approx 15 feet above the wooded ground. The perch gave way and the casualty fell 15 feet. The patient was found by a Rally Official approx 2 hours after the fall. Pieces of wood are loosely attached to the tree creating a potential hazard.

### **INJURIES**

#### **Casualty –Hunter**

- Unresponsive
- Patient vomited, some remains on outside of the mouth
- Pupils are 4mm and reactive
- Pulse present weak and slow
- Open Right humerus fracture
- Pelvic fracture-unstable
- Suspected head injury (bruising/lump behind Rt. Ear)

### **CASUALTY PROMPTS**

#### **Casualty**

- Casualty is found lying partially on his right side. Both feet are equal in length but pointing outward
- You are fully unconscious for the entire scenario
- Place your right arm bent and under your right side (if possible)
- You should breath shallowly and at a slow rate (if possible)

**PROPS****Casualty**

- Dressed in hunting clothes with hunting vest

**General**

- Work/hunting fest
- Plastic rifle
- 2 x 4, x 2 or 3 with 1 hanging from tree (if possible) to represent part of perch and a hazard
- first aid kit
- 3 dark coloured tarps (4X8 in case of bad weather)

**Casualty - Hunter: fell from hunting perch****CASUALTY PROMPTS****Casualty A**

- Casualty is found lying partially on his right side. Both feet are equal in length but supinated
- You are fully unconscious for the entire scenario
- If asked: you are feeling nauseous but have not vomited.
- Place your right arm bent and under your right side (if possible)
- You should breath shallowly and at a slow rate (if possible)

**JUDGES' PROMPTS**

	<b>1<sup>st</sup> Set</b>	<b>2<sup>nd</sup> Set</b>
Respiration	8 irregular and shallow	8 irregular and shallow
Pulse	60 weak/irregular	40 weak/irregular
Skin	Pale/Cool/Dry	Pale/Cool/Dry
Pupils	4mm and reactive	4mm and reactive
LOC	Unresponsive	Unresponsive
LOA	Unresponsive	Unresponsive
• Signs	"as found"	
• Symptoms	unresponsive	
• Allergies:	unknown	
• Meds:	unknown	
• Past Med History:	unknown	
• Last Meal:	unknown	
• Events:	presumed the hunting perch just collapsed	
• Judge informs team that the area is not safe, due to wood dangling from tree - IF ASKED.		
• Judge informs team that bystander may assist - IF ASKED.		

2011  
41st Annual Ontario Open First Aid Challenge

***“Unperched”*** TEAM SCENARIO

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

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

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

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

<b><u>CASUALTY</u></b>		
Page 5 - Primary Survey	(Possible 480) Sub-Total	_____
Page 6, Secondary Survey	(Possible 140) Sub-Total	_____
Page 7, Secondary Survey, Tx	(Possible 340) Sub-Total	_____
Page 8, Shock & Recording	(Possible 160) Sub-Total	_____
<b>Casualty</b>	<b>(Possible 1120) Total</b>	_____

<b>Total Points Awarded</b>	
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<b>Casualty</b>		<b>A/S</b>	<b>P O I N T S</b>	<b>N O T D O N E</b>
<p><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.</p> <p><b>Actions in this section may be done in any order.</b></p>				
1.1	Did First Aiders take charge of the situation? <i>(team tells casualty not to move? )</i>	<b>A/S</b>	<b>20</b>	<b>0</b>
1.2	Did First Aiders I.D. self?	<b>A/S</b>	<b>20</b>	<b>0</b>
1.3	Did First Aiders obtain consent to help?	<b>A/S</b>	<b>20</b>	<b>0</b>
1.4	Were hazards assessed? <i>(Wood hanging from tree, and around patient)</i>	<b>S</b>	<b>20</b>	<b>0</b>
1.5	Was the hazard addressed, removed or secured?	<b>A</b>	<b>20</b>	<b>0</b>
1.6	Was wood cleared from patient area?	<b>A</b>	<b>20</b>	<b>0</b>
1.7	Did First Aiders put on protective gloves? <i>(must actually be worn before touching patient to receive marks)</i>	<b>A</b>	<b>20</b>	<b>0</b>
1.8	Did First Aiders determine if there are other casualties? <i>(none)</i>	<b>S</b>	<b>20</b>	<b>0</b>
1.9	Did First Aiders determine/state the mechanism of injury? <i>(fall from significant height)</i>	<b>A/S</b>	<b>20</b>	<b>0</b>
1.10	Did First Aider ask if patient ever gained consciousness? <i>(no)</i>	<b>S</b>	<b>20</b>	<b>0</b>
1.11	Did First Aider ask if patient hit head? <i>(unknown, but likely)</i>	<b>S</b>	<b>20</b>	<b>0</b>
1.12	Did First Aider ask if any neck or back pain? <i>(unable to assess)</i>	<b>S</b>	<b>20</b>	<b>0</b>
1.13	Did First Aiders assess responsiveness? <i>(unresponsive)</i>	<b>A/S</b>	<b>20</b>	<b>0</b>
1.14	Did the First Aiders maintain c-spine precautions	<b>A/S</b>	<b>20</b>	<b>0</b>
1.15	Did First Aiders assess Airway? <i>(casualty has small pieces of vomit on their chin)</i>	<b>A/S</b>	<b>20</b>	<b>0</b>
1.16	Did First Aiders ensure airway clear	<b>A/S</b>	<b>20</b>	<b>0</b>
1.17	Did First Aiders insert oral airway? <i>(sized appropriately)</i>	<b>A/S</b>	<b>20</b>	<b>0</b>
1.18	Did First Aiders assess Breathing? <i>(8 irregular and shallow)</i>	<b>A</b>	<b>20</b>	<b>0</b>
1.19	Did First Aiders administer O2 via High Concentration Mask?	<b>A/S</b>	<b>20</b>	<b>0</b>
1.20	Did First Aider assess Circulation – Skin condition & temperature? <i>(pale, cold, dry)</i>	<b>A</b>	<b>20</b>	<b>0</b>
1.21	Did First Aider assess Circulation – Carotid or radial pulses? <i>(present &amp; weak)</i>	<b>A</b>	<b>20</b>	<b>0</b>
1.22	Did First Aiders perform a rapid body survey? <i>(open fracture Right humerus with minor bleeding)</i>	<b>A</b>	<b>20</b>	<b>0</b>
1.23	Was the bleeding controlled? <i>(any method)</i>	<b>A</b>	<b>20</b>	<b>0</b>
1.24	Did First Aider activate EMS? <i>(the bystander is available )</i>	<b>A/S</b>	<b>20</b>	<b>0</b>
<b>PAGE 5 SUB-TOTAL POINTS AWARDED</b>				
Primary Survey (Possible 480)				

<b>Casualty</b>			<b>P O I N T S</b>	<b>N O T D O N E</b>
<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>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 First Aider ask casualty how the incident happened? <i>(unable to confirm, other than a presumption that the patient fell)</i>	<b>S</b>	<b>10</b>	<b>0</b>
<b>3.0</b>	<b>CASUALTY'S VITAL SIGNS ASSESSMENT</b>			
	<b>1<sup>st</sup> Set</b>			
3.1	Did First Aider determine Level of Consciousness? <i>(unresponsive)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.2.	Did First Aider determine Level of Awareness? <i>(unresponsive)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.3	Did First Aider assess Respiration? <i>(8 shallow and irregular)</i>	<b>A</b>	<b>10</b>	<b>0</b>
3.4	Did First Aider assess Pulse? <i>(carotid or radial )</i> <i>(correct to 60 irregular and weak.)</i>	<b>A</b>	<b>10</b>	<b>0</b>
3.5	Did First Aider determine Blood Pressure? <i>(82/46 mmHg)</i>	<b>A</b>	<b>10</b>	<b>0</b>
3.6	Did First Aider assess Skin Condition & Temperature? <i>(correct to pale, cold, and dry)</i>	<b>A</b>	<b>10</b>	<b>0</b>
	<b>2<sup>nd</sup> Set</b>			
3.7	Did First Aider reassess level of consciousness? <i>(unchanged)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.8	Did the First Aider reassess Level of Awareness? <i>(unchanged)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.9	Did the First Aider reassess Respirations? <i>(unchanged)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.10	Did the First Aider reassess Pulse? <i>(carotid or radial)</i> <i>(correct to 40 irregular and weak)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.11	Did the First Aider reassess Blood Pressure? <i>(86/40)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
3.12	Did the First Aider reassess Skin condition & Temperature? <i>(unchanged)</i>	<b>A/S</b>	<b>10</b>	<b>0</b>
<b>PAGE 6 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey		(Possible 140)		

<b>Casualty</b>				
<b>4.0</b>	<b>HEAD TO TOE ASSESSMENT:</b>			
4.1	Check scalp? ( <i>bruise/lump behind Rt. ear</i> )	A	10	10
4.2	Check eyes? ( <i>pupils 4mm and reactive</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>LAC right upper arm</i> )	A	10	0
4.11	Check chest ( <i>no obvious deformity</i> )	A	10	0
4.12	Auscultate chest ( <i>breath sounds diminished bilaterally – apices &amp; bases</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 pelvis? ( <i>unstable</i> ) <i>unusual movement</i>	A	10	0
4.16	Check pulses distal to pelvis ( <i>unpalpable</i> )	A	10	0
4.17	Check both legs? ( <i>no deformity</i> )	A	10	0
4.18	Check both ankles and feet? ( <i>note feet pointing outward</i> )	A	10	0
	<b>TREATMENT:</b>			
<b>5.0</b>	<b>Right upper arm open #</b>			
5.1	Was the injury exposed?	A	10	0
5.2	Was a tented dressing applied and supporting ring/pad?	A	10	0
5.4	Was distal circulation checked before bandaging?	A	10	0
5.6	Was distal circulation checked after bandaging?	A	10	0
5.7	Were bandages rechecked to see if bleeding through?	A	10	0
5.8	Was sling and splint applied	A	10	0
<b>6.0</b>	<b>Unstable Pelvic Fracture</b>			
6.1	Was the pelvis inspected and instability confirmed?	A	10	0
6.3	Was the pelvis stabilized with a sheet or other similar method	A	10	0
<b>7.0</b>	<b>Hypothermia</b>			
7.1	Was potential hypothermia identified	A/S	10	0
7.2	Did the First Aider state that they would remove any identified wet clothing ( <i>clothing is dry</i> )	A	10	0
7.3	Did First Aider state any alternative warming methods (eg: sleeping bag, heavy blankets or body to body contact)	A	10	0
<b>8.0</b>	<b>Spinal Precautions</b>			
8.1	Was appropriate sized collar measured and placed?	A/S	10	0
8.2	Was patient log rolled onto backboard effectively?	A/S	10	0
8.3	Was patient secured to backboard effectively?	A	10	0
8.4	Was the head secured with tape, towel rolls or similar method?	A	10	0
8.5	Did team reassess patient post spinal immobilization?	A/S	10	0
<b>PAGE 7 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey / Tx				
(Possible 340)				

<b>Casualty A</b>				
<b>9.0</b>	<b>SHOCK AND GENERAL</b>			
9.1	Was casualty covered "over" to lessen shock?	<b>A</b>	<b>10</b>	<b>0</b>
9.2	Was casualty reassured?	<b>S</b>	<b>10</b>	<b>0</b>
9.3	Was casualty reassured more than once?	<b>S</b>	<b>10</b>	<b>0</b>
9.4	Were gloves worn for the duration of the scenario and were they effective? ( <i>Judges Note: torn gloves must be replaced.</i> )	<b>A</b>	<b>10</b>	<b>0</b>
<b>Casualty</b>				
<b>10.0</b>	<b>RECORDING</b>			
10.1	Was the incident date and time recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.2	Was the Casualty's name recorded? (John Doe)	<b>A</b>	<b>5</b>	<b>0</b>
10.3	Was the First Aider's name recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.4	Was the initial Level of Consciousness recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.5	Was the initial ABC status recorded? ( <i>Airway patent; Breathing adequate; Skin pale/cold/dry</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.6	Was administration of oxygen recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.7	Was incident history recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.8	Was mechanism of injury recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.9	Was suspicion of head / spinal injury recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.10	Was the open fracture described/recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.11	Was the pelvic injury described/recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.12	Were Allergies' recorded as unknown?	<b>A</b>	<b>5</b>	<b>0</b>
10.13	Was treatment of suspected pelvic fracture recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.14	Was pupil size and reaction recorded? 4mm and reactive	<b>A</b>	<b>5</b>	<b>0</b>
10.14	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> )	<b>A</b>	<b>5</b>	<b>0</b>
10.15	Was the 1 <sup>st</sup> vital signs Respiration recorded with the time taken? ( <i>If no time recorded, then no mark.</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.16	Was the 1 <sup>st</sup> vital signs Pulse recorded with the time taken? ( <i>If no time recorded, then no mark.</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.17	Was the 1 <sup>st</sup> vital signs BP recorded with the time taken? ( <i>If no time recorded, then no mark.</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.18	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> )	<b>A</b>	<b>5</b>	<b>0</b>
10.19	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> )	<b>A</b>	<b>5</b>	<b>0</b>
10.20	Was the 2 <sup>nd</sup> vital signs Respirations recorded with the time taken? ( <i>If no time recorded, then no mark.</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.21	Was the 2 <sup>nd</sup> vital signs Pulse recorded with the time taken? ( <i>If no time recorded, then no mark.</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.22	Was the 2 <sup>nd</sup> vital signs BP recorded with the time taken? ( <i>If no time recorded, then no mark.</i> )	<b>A</b>	<b>5</b>	<b>0</b>
10.23	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> )	<b>A</b>	<b>5</b>	<b>0</b>
<b>PAGE 8 SUB-TOTAL POINTS AWARDED</b>				
Recording		(Possible 160)		