

# 2006

## 36th Annual Ontario Open First Aid Competition

### ***Stairwell* TEAM SCENARIO**

#### **Background Scenario**

It is November 4th and your team is in attendance at the 36<sup>th</sup> Annual Ontario Open First Aid Competition. You are on your way to compete at a competition site when you happen across an emergency situation. Do you know what to do?

Good luck! You have 20 minutes to complete the scenario – this competition problem allows for **both** of you to compete and provide first aid. You must also complete any necessary documentation during this time. You can only use resources readily available within your competition cell area (you may ask judges what is truly available for your use).

#### **(Competitors will not have this info initially)**

There are two casualties within this scenario, both of whom are “students” at UTM – the first casualty (“A”) has a history of Epilepsy and has suffered a seizure while walking in the stairwell, and will remain unresponsive for some time. The second casualty (“B”), is a close friend, and attempted to assist casualty “A” to the ground prior to seizure, but lost his/her balance and fell on an outstretched hand causing a buckle fracture of the right wrist. There is no head injury or LOC for casualty “B”.

In fact, casualty “B” should meet the first aid competitors at the doorway and ask for their assistance. There are no other bystanders available. The competitors can call 911 by using their cell phones (if available), send one team member to call (in which case, the competitor will not be allowed to return to the scenario for 5 minutes and should be supervised by a logistics person or judge in the hallway adjacent to nearest door to scenario site), or have casualty “B” go for help (in which case, casualty “B” will not return to the scenario site for 5 minutes, also escorted/monitored for time by the same logistics person/judge).

The competitors will not have access to any first aid kits and can only utilize materials that are readily available – which is severely limited due to the fact they are in a stairwell! They can use the contents of the two “student’s” bookbags (see list below). You should NOT allow competitors leave the scenario site in search of materials (it is simply not an available option for them) – the only exception is if one competitor chooses to “go” for help.

### ***Casualty “A”***

#### **INJURIES**

- Seizure activity lasting no more than 10 seconds from the time the competitors enter the scenario site
- Blood on lip (minor)
- Reduced level of consciousness (unresponsive) initially; after 5 minutes; improves over time.

#### **CASUALTY PROMPTS**

- Casualty is found lying on his/her front
- Casualty is unresponsive but breathing initially; casualty will regain consciousness around 5 minutes into the scenario, but remains post-ictal for the remainder of scenario (drowsy, and confused – but with prompting able to answer questions appropriately)
- Casualty is feeling a little nauseous but has not vomited – once more alert.
- Casualty will complain of headache – once more alert.
- Casualty ate about 2 hour ago (either breakfast or lunch depending)
- Casualty has no allergies
- Casualty is currently taking Dilantin 100mg Daily

- Past Medical History: Epilepsy
- If asked, experienced usual aura prior to seizure and can report last seizure 3 months ago if asked. Can also report, if asked, that these are his/her usual symptoms post seizure.

### JUDGES' PROMPTS

- Judge informs team that the area is safe. IF ASKED.
- Casualty's respirations are 24, regular and shallow initially. Subsequent Respirations are 18 regular and full
- Casualty's pulse is 110 (regular and weak) initially. Subsequent pulse is 98 regular and full
- Casualty is unresponsive initially and gently confused throughout scenario (complains of headache, "groggy"/tired, and nausea)
- Casualty's pupils are equal, 4 mm and reactive.
- Casualty's skin is cool and clammy throughout scenario.

## Casualty "B"

### INJURIES

- #Right wrist – slight deformity only, with bruising and swelling.

### CASUALTY PROMPTS

- Casualty is ambulatory, fully responsive and cooperative with competitors.
- Casualty will hold Right wrist protectively, but will not complain unless specifically asked by competitors – casualty "B" is concerned if friend will be okay.
- Casualty can leave and "go" for help if asked, but must leave scenario site for 5 minutes (to be timed by dedicated logistics person).
- Distal CSM's (circulation, sensation, motor) will remain intact, although casualty will have pain with movement
- Allergy to Penicillin and ASA
- No medications; No past medical history; no LOC; Normal eating history
- If asked, injured limb while attempting to guide casualty "B" to the ground
- If asked, unsure if casualty "A" hit their head, but doesn't believe so.
- If asked, casualty "A" seized for 1-2 minutes -full body seizure.

### JUDGES' PROMPTS

- Judge informs team that the area is safe. IF ASKED.
- Casualty's respirations are 16, regular and full throughout scenario.
- Casualty's pulse is 88 (regular and full) throughout scenario.
- Casualty is conscious and alert throughout scenario
- Casualty's skin is warm, pink, and dry throughout scenario.
- Radial pulse must be checked before and after splinting of the wrist (if done).
- Capillary re-fill or temperature may be used to check for distal circulation check.
- If asked, improved comfort after immobilization.

### PROPS

- Casualties need normal clothing, casualty "B" should be wearing short sleeves to ensure access to arm for cas sim.
- Backpack or bookbag containing school "stuff" for each casualty (binder, textbook, magazine, etc). One bag should have a pair of long sweatsocks (could be used for securing a magazine for casualty "B") and other gym clothes –doesn't need to be elaborate setup. Bags should also have paper and pens for documentation available should competitors wish to use them.
- 2 jackets (belong to casualties)
- small Kleenex packs in backpacks

**2006**  
**36th Annual Ontario Open**  
**First Aid Competition**

***Stairwell*** TEAM SCENARIO

**TEAM Information**

Please **print** the following information:

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

**Team Member #1 (Red)** \_\_\_\_\_

**Team Member #2 (Green)** \_\_\_\_\_

**Judge's Name** \_\_\_\_\_

**SCORING SUMMARY**

Casualty A – (Primary) **Page 4**, Page Total \_\_\_\_\_  
(Possible 280)

Casualty A – (Secondary) **Page 5**, Page Total \_\_\_\_\_  
(Possible 110)

Casualty A – (Secondary) **Page 6**, Page Total \_\_\_\_\_  
(Possible 300)

Casualty A – (Secondary) **Page 7**, Page Total \_\_\_\_\_  
(Possible 115)

Casualty B – (Primary) **Page 8**, Page Total \_\_\_\_\_  
(Possible 240)

Casualty B – (Secondary) **Page 9**, Page Total \_\_\_\_\_  
(Possible 100)

Casualty B – (Secondary) **Page 10**, Page Total \_\_\_\_\_  
(Possible 220)

Casualty B – (Secondary) **Page 11**, Page Total \_\_\_\_\_  
(Possible 80)

*Casualty A: Primary + Secondary Total (Possible 805)*

*Casualty B: Primary + Secondary Total (Possible 640)*

## Casualty "A" – Seizure

<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. <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
1.1	Did a First Aider take charge of the situation? ( <i>team tells casualty not to move?</i> )	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	Did First Aider call out for help from by-standers?	S	20	0
1.5	Were hazards assessed? <i>If asked: Judge informs team that the area is safe.</i>	S	20	0
1.6	Did First Aider determine if there are other casualties? ( <i>you have been assigned this patient only</i> )	S	20	0
1.7	Did First Aider determine/state the mechanism of injury? ( <i>casualty had seizure - ?mechanism of injury suspicious of c-spine; with questions to bystander, no c-spine injury witnessed</i> )	A/S	20	0
1.8	Did First Aider assess responsiveness? ( <i>level of consciousness: casualty is initially unresponsive</i> )	A/S	20	0
1.9	Did First Aider activate EMS? ( <i>by-stander available to do this, may use cell phone, may go for help</i> )	A	20	0
1.10	Did First Aider assess airway ? ( <i>Blood on lip, casualty lying prone, no airway compromise</i> )	A/S	20	0
1.11	Did First Aider assess breathing? ( <i>present; no distress</i> )	A/S	20	0
1.12	Did First Aider assess pulse? ( <i>present; regular &amp; weak</i> )	A/S	20	0
1.13	Did First Aider perform a rapid body survey? ( <i>no gross bleeds</i> )	A/S	20	0
1.14	Did First Aider assess the casualty's skin condition and temperature ? ( <i>skin is cool, pink and clammy</i> )	A/S	20	0
<b>SUB-TOTAL POINTS AWARDED</b> (Possible 280)				

Casualty "A"

## Casualty "A"

<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. <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	<b>HISTORY OF THE CASUALTY:</b>			
2.1	Did the First Aider check for a medical alert device?	A/S	10	0
2.2	Did the First Aider ask bystander what happened? <i>(signs and symptoms of incident – ie. Seizure)</i>	S	10	0
2.3	Did the First Aider ask bystander if casualty has any allergies? <i>(none)</i>	S	10	0
2.4	Did the First Aider ask if casualty takes any medication? <i>(Dilantin 100mg, once daily)</i>	S	10	0
2.5	Did the First Aider ask if casualty had eaten? <i>(ate breakfast/lunch 2 hrs ago )</i>	S	10	0
2.6	Did First Aider ask bystanders how the incident happened? <i>(any fall or injury prior to seizure?)</i>	S	10	0
3.0	<b>CASUALTY'S VITAL SIGNS ASSESSMENT</b>			
3.1	Did First Aider determine Level of Consciousness? <i>(within first 5 min – unresponsive; after 5 min, semi-conscious)</i>	A	10	0
3.2.	Did First Aider assess Respirations? <i>(correct to 24 regular and shallow.)</i>	A	10	0
3.3	Did First Aider assess Pulse? <i>(carotid or radial OK.)</i> <i>(correct to 110 regular and weak.)</i>	A	10	0
3.4	Did First Aider assess Skin Condition? <i>(correct to pink &amp; Clammy)</i>	A/S	10	0
3.5	Did First Aider check Skin Temperature? <i>(correct to cool to touch)</i>	A	10	0
<b>SUB-TOTAL POINTS AWARDED</b>  (Possible 110)				

Casualty "A"

4.0	<b>CASUALTY – HEAD TO TOE ASSESSMENT</b>			
4.1	Check scalp? <i>(no injury)</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>(blood in both nostrils)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.4	Check mouth? <i>(mouth is clear; blood on lip only)</i> -First aider physically looks inside mouth/looks for injury	<b>A/S</b>	<b>10</b>	<b>0</b>
4.5	Check jaw? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.6	Check ears? <i>(ears clear – no fluid)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.7	Check neck? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.8	Check collarbones? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.9	Check shoulders? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.10	Check arms/hands? <i>(no injury)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.11	Check chest <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.12	check abdomen? <i>(casualty experiences no pain upon palpation)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.13	check back? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.14	check pelvis? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.15	Check both legs? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
4.16	Check both ankles and feet? <i>(no deformity)</i>	<b>A</b>	<b>10</b>	<b>0</b>
5.0	<b>FIRST AID PROVIDED</b>			
5.1	Was the casualty warned not to move?	<b>A/S</b>	<b>10</b>	<b>0</b>
5.2	Did the first aider ask if the casualty experienced an aura prior to seizure?	<b>A/S</b>	<b>10</b>	<b>0</b>
5.3	Did the first aider ask when was the casualty's last seizure?	<b>A/S</b>	<b>10</b>	<b>0</b>
5.4	Did the first aider ask if the casualty has been taking their medication regularly?	<b>A/S</b>	<b>10</b>	<b>0</b>
5.5	Did the first aider ask if symptoms were normal for casualty post seizure? (ie. Post-ictal symptoms of headache, tired, nausea)	<b>A/S</b>	<b>10</b>	<b>0</b>
5.6	Did the first aider treat the bleeding lip by either cleaning lip with available materials, or by applying pressure with available materials (no active/further bleeding)?	<b>A/S</b>	<b>10</b>	<b>0</b>
6.0	<b>SHOCK AND GENERAL</b>			
6.1	Was casualty covered "over" to lessen shock?	<b>A</b>	<b>10</b>	<b>0</b>
6.2	Was casualty covered "under" to lessen shock?	<b>A</b>	<b>10</b>	<b>0</b>
6.3	Was casualty reassured?	<b>A</b>	<b>10</b>	<b>0</b>
6.4	Was casualty reassured more than once?	<b>A</b>	<b>10</b>	<b>0</b>
6.5	Was Level of Consciousness reassessed? <i>(casualty remains conscious but confused)</i>	<b>A</b>	<b>10</b>	<b>0</b>
6.6	Was casualty's temperature reassessed? <i>(cool to touch)</i>	<b>A</b>	<b>10</b>	<b>0</b>
6.7	Was casualty's pulse reassessed? <i>(98 regular and full.)</i>	<b>A</b>	<b>10</b>	<b>0</b>
6.8	Was casualty's respirations reassessed? <i>(20 regular and shallow.)</i>	<b>A</b>	<b>10</b>	<b>0</b>
<b>SUB-TOTAL POINTS AWARDED</b>				
(Possible 300)				

## Casualty "A"

7.0	<b>RECORDING</b>			
7.1	Was the date and time recorded?	A	5	0
7.2	Was the patient's information recorded?	A	5	0
7.3	Was the First Aider's information recorded?	A	5	0
7.4	Was the initial Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.6	Was the initial Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.7	Was the initial Skin Condition recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.8	Was the initial Skin Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.9	Was incident history recorded?	A	5	0
7.10	Was mechanism of injury recorded? <i>(felt aura, had seizure)</i>	A	5	0
7.11	Was the duration of seizure activity recorded (approx. is okay)?	A	5	0
7.12	Was the patient's Allergies recorded? <i>(no known allergies, or NKA)</i>	A	5	0
7.13	Was the patient's medications recorded?	A	5	0
7.14	Did the First Aider record that the patient had eaten recently?	A	5	0
7.15	Was treatment recorded?	A	5	0
7.15	Was the blood from the lip recorded?	A	5	0
7.16	Was Casualty's feeling of nausea, headache, or tiredness recorded?	A	5	0
7.17	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.18	Was the reassessed Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.19	Was the reassessed Pulse recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.20	Was the reassessed Skin Condition recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.21	Was the reassessed Skin Temperature recorded with time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
7.22	Was the reassessed Level of Consciousness recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
<b>SUB-TOTAL POINTS AWARDED</b>				
(Possible 115)				

## Casualty "A"

## Casualty "B" – Fractured Wrist/Bystander

<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. <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
8.1	Did a First Aider take charge of the situation? <i>(team asks casualty to sit down or stand-by? )</i>	S	20	0
8.2	Did First Aider I.D. self?	A/S	20	0
8.3	Did First Aider obtain consent to help?	A/S	20	0
8.4	Did First Aider call out for help from by-standers?	S	20	0
8.5	Were hazards assessed? <i>If asked: Judge informs team that the area is safe.</i>	S	20	0
8.6	Did First Aider determine/state the mechanism of injury? <i>(casualty fell when assisting friend to ground, injured wrist only)</i>	A/S	20	0
8.7	Did First Aider assess responsiveness? <i>(Casualty is responsive )</i>	A/S	20	0
8.8	Did First Aider assess airway ? <i>(casualty is talking; airway is clear)</i>	A/S	20	0
8.9	Did First Aider assess breathing? <i>(present; no distress)</i>	A/S	20	0
8.10	Did First Aider assess pulse? (not necessary)	A/S	20	0
8.11	Did First Aider perform a rapid body survey? <i>(no gross bleeds)</i>	A/S	20	0
8.12	Did First Aider assess the casualty's skin condition and temperature ? <i>(skin is warm, pink &amp; dry)</i>	A/S	20	0
<b>SUB-TOTAL POINTS AWARDED</b> (Possible 240)				

Casualty "B"



## Casualty "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. <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
9.0	<b>HISTORY OF THE CASUALTY:</b>			
9.1	Did the First Aider ask bystander what happened? <i>(casualty fell when assisting other patient to the ground; no head injury no other complaints)</i>	A/S	10	0
9.2	Did the First Aider ask bystander if casualty has any allergies? <i>(penicillin and ASA)</i>	S	10	0
9.3	Did the First Aider ask if casualty takes any medication? <i>(None)</i>	S	10	0
9.4	Did the first aider ask if casualty has any past medical history? <i>(none)</i>	S	10	0
9.5	Did the First Aider ask if casualty had eaten? <i>(ate breakfast/lunch 2 hrs ago )</i>	S	10	0
10.0	<b>CASUALTY'S VITAL SIGNS ASSESSMENT</b>			
10.1	Did First Aider determine Level of Consciousness? <i>(conscious and alert; no loss of consciousness)</i>	A	10	0
10.2	Did First Aider assess Respirations? <i>(correct to 16 regular and full.)</i>	A	10	0
10.3	Did First Aider assess Pulse? <i>(carotid or radial OK.)</i> <i>(correct to 88 regular and full.)</i>	A	10	0
10.4	Did First Aider assess Skin Condition? <i>(correct to pink &amp; dry)</i>	A/S	10	0
10.5	Did First Aider check Skin Temperature? <i>(correct to warm to touch)</i>	A	10	0
<b>SUB-TOTAL POINTS AWARDED</b> (Possible 100)				

## Casualty "B"

## Casualty "B"

11.0	<b>CASUALTY – HEAD TO TOE ASSESSMENT</b> Not needed – Focused Secondary Survey of Right arm only.			
11.1	Asks casualty if anything else hurts?	A/S	10	0
11.2	Right Shoulder ( <i>no injury, no pain</i> )	A	10	0
11.3	Right Upper Arm ( <i>no injury, no pain</i> )	A	10	0
11.4	Right Elbow ( <i>no injury, no pain</i> )	A	10	0
11.5	Right Forearm ( <i>no injury, no pain, no deformity</i> )	A	10	0
11.6	Right Wrist ( <i>swollen and painful to palpation</i> )	A	10	0
11.7	Right Hand ( <i>no injury, no pain, no deformity's</i> )	A	10	0
11.8	Assesses distal Circulation? ( <i>cap refills &lt;1 sec</i> )	A	10	0
11.9	Assesses distal Sensation? ( <i>casualty reports "Normal"</i> )	A/S	10	0
11.10	Assesses distal motor? ( <i>no difficulty moving fingers</i> )	A	10	0
11.10	Assesses Range of Motion for Right Wrist? ( <i>decreased due to pain, but still able to flex wrist when prompted</i> )	A	10	0
12.0	<b>FIRST AID PROVIDED</b>			
12.1	Was the casualty advised to sit down/rest?	A/S	10	0
12.2	Did the first aider attempt to stabilize the wrist? (advises casualty to hold and support injured arm)	A/S	10	0
12.3	Did the first aider attempt to immobilize the injury using materials available at the scene?	A	10	0
12.4	Did the first aider assess distal CSM's (circulation, sensation, motor/mobility) prior to immobilization?	A/S	10	0
12.5	Did the first aider recheck distal CSM's after immobilization attempt?	A/S	10	0
13.0	<b>GENERAL</b>			
13.1	Was casualty reassured?	A	10	0
13.2	Was casualty reassured more than once?	A	10	0
13.3	Was Level of Consciousness reassessed? ( <i>casualty remains conscious</i> )	A	10	0
13.4	Was casualty's temperature reassessed? ( <i>warm, pink, dry</i> )	A	10	0
13.5	Was casualty's pulse reassessed? ( <i>88 regular and full.</i> )	A	10	0
13.6	Was casualty's respirations reassessed? ( <i>16 regular and full.</i> )	A	10	0
<b>SUB-TOTAL POINTS AWARDED</b> (Possible 220)				

## Casualty "B"

## Casualty "B"

14.0	<b>RECORDING</b>			
14.1	Was the date and time recorded?	A	5	0
14.2	Was the patient's information recorded?	A	5	0
14.3	Was the First Aider's 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 recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.8	Was the initial Skin Temperature recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
14.9	Was incident history recorded?	A	5	0
14.10	Was the patient's Allergies recorded? <i>(penicillin &amp; ASA)</i>	A	5	0
14.11	Did the First Aider record that the patient had eaten recently?	A	5	0
14.12	Was mechanism of injury recorded? <i>(fell on outstretched hand)</i>	A	5	0
14.13	Was assessment of Right wrist injury recorded?	A	5	0
14.14	Was assessment of distal CSM's recorded?	A	5	0
14.15	Was treatment recorded?	A	5	0
14.16	Was reassessment of wrist injury recorded?	A	5	0
<b>SUB-TOTAL POINTS AWARDED</b>				
(Possible 80)				

## Casualty "B"