

# 2008

## 38th Annual Ontario Open First Aid Competition

### ***Mobile Unit – CPR/AED*** INDIVIDUAL SCENARIO

#### **Background (Competitors will not have access to this info)**

There is one casualty in this scenario. You, as the judge, will be acting as a new SJA member or “Observer” member.

In this scenario, the competitor will be asked to attend to a casualty who has taken ill at the Ontario Safety Conference. SJA members providing first aid coverage have moved the patient to a Mobile First Aid Post (MFAP)/ambulance in the parking lot, but have asked for assistance from the competitor (acting as a trained first aider).

There is only one patient (a manikin already lying on the stretcher) and you, the judge, acting as “Observer” member/bystander.

This is your first “duty” as an “Observer” and you are not comfortable assisting the competitor with active patient care, but you can call 911 for the competitor and assist them with finding equipment within the MFAP.

The patient complained of feeling generally “unwell” and was vague with symptoms, but did report feeling dizzy, lightheaded, Short of Breath (SOB), and VERY TIRED. The patient was moved to the MFAP outside for further assessment and the competitor sought out to provide assistance. Upon arrival, the competitor will discover that the patient has lost consciousness and gone into cardiac arrest (Vital Signs Absent – VSA). The competitor will be alone for this scenario, and will only have access to the equipment provided, including an AED – they should not utilize/access any equipment contained within the cabinets of the MFAP/Ambulance.

The patient will require 3 shocks before return of spontaneous circulation (ROSC).

Once ROSC, the patient will remain essentially unresponsive (moaning to painful stimuli only), but breathing effectively and with a pulse throughout the remainder of the time.

This scenario will only take 10 minutes to complete, and competitors will then have 10 minutes to complete documentation. Competitors may use the judge, as bystander, to collect collateral information about the casualty during their secondary survey.

## INJURIES

- Adult casualty is without vital signs upon arrival of the competitor
- Will regain signs of spontaneous circulation if CPR and AED applied – after 3 shocks with AED
- If AED is not applied, the patient will regain signs of life, after 8 minutes of CPR.

## CASUALTY PROMPTS

- Casualty is a manikin – judge will have to provide all casualty prompts.
- Once ROSC, casualty will moan to painful stimuli (information provided by judge)

## JUDGES' PROMPTS

- Judge informs competitor that the area is safe. IF ASKED.
  - 1<sup>st</sup> set of Vital Signs: 

HR	120	rapid/full
RR	20	regular/full
Skin	Pink, cool, and moist	
LOC	decreased responsiveness, moaning to painful stimuli only	
- After ROSC!**
- Casualty was awake and alert when moved to the MFAP/Ambulance prior to competitor's arrival and had complained of:
    - Feeling "unwell all day"
    - Dizzy
    - Short of Breath
    - And VERY TIRED
  - Casualty had appeared very pale with sweaty skin prior to competitor's arrival
  - Medications Unknown
  - Allergies Unknown
  - Past Medical History: High Blood Pressure, Heart Attack 1 year ago, and Angina (the casualty provided this information to the judge prior to losing consciousness – this info only to be provided if the competitor asks)

## PROPS

- 7 SJA Mobile First Aid Posts/Ambulances
- 7 "Brigade" Fanny Packs (to be filled with various first aid materials)
- 7 HARD CPR Face shields
- 7 Little Anne CPR manikins, or 7 full Annie CPR manikins
- 7 Clipboards for judges
- 35 SJA Patient Care Records
- 7 SJA AED trainers
- 7 Clear AED Signs to be applied to AED Trainers

**2008**  
**38th Annual Ontario Open**  
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***Mobile Unit*** INDIVIDUAL SCENARIO

**TEAM Information**

Please **print** the following information:

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

Team Member #1 (Wrist Banded) \_\_\_\_\_

Team Member #2 (not Banded) \_\_\_\_\_

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

Page 4, Scene / Primary Survey      **Sub Total** \_\_\_\_\_  
(Possible 300)

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Page 5, Secondary Survey      **Sub-Total** \_\_\_\_\_  
(Possible 120)

Page 6, Head to Toe Survey      **Sub-Total** \_\_\_\_\_  
(Possible 250)

Page 8, Recording      **Sub-Total** \_\_\_\_\_  
(Possible 240)

**Secondary Survey/Treatment Points Total** \_\_\_\_\_  
(Possible 610)

**Total Points Awarded**

Primary + Secondary Total (Possible 910)

**2008**  
**38th ANNUAL ONTARIO OPEN**  
**First Aid Competition**  
**Mobile Unit AED - Individual Scenario**

<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>(competitor 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 call out for help from by-standers?	S	20	0
1.4	Were hazards assessed? <i>(did the patient comment about their environment, or ask about hazards?)</i>	S	20	0
1.5	Did First Aider put on protective gloves?	A	20	0
1.6	Did First Aider determine if there are other casualties? <i>(there is only one patient)</i>	S	20	0
1.7	Did First Aider determine/state the mechanism of injury? <i>(no C-spine injury)</i>	A/S	20	0
1.8	Did First Aider assess responsiveness? <i>(level of consciousness: casualty is unresponsive )</i>	A	20	0
1.9	Did First Aider activate EMS? <i>( by-stander available to do this, or competitor may use cell phone)</i>	A	20	0
1.10	Did First Aider assess airway? <i>(did they look in the mouth? - no foreign body present)</i>	A/S	20	0
1.11	Did the First Aider open the airway using head-tilt, or jaw thrust?	A	20	0
1.12	Did First Aider assess breathing? <i>(the patient is not breathing)</i>	A	20	0
1.13	Did First Aider provide 2 rescue breaths? (each over 1 second each) – <b>must use a face shield or else no points to be awarded</b>	A	20	0
1.14	Did First Aider assess for signs of circulation? <i>(carotid pulse check, or questions spontaneous movements, breathing, coughing in response to rescue breaths) – No more than 10 seconds</i>	A/S	20	0
1.15	Did First Aider apply AED <b>immediately</b> after determining no signs of circulation? <i>(no points if done out of sequence)</i>	A/S	20	0

**PAGE 1 SUB-TOTAL POINTS AWARDED**

Primary Survey (Possible 300)

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<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? (none found)	A/S	10	0
2.2	Did the First Aider ask bystander what happened?	S	10	0
2.3	Did the First Aider ask bystander if casualty has any Past Medical History ( <i>High Blood Pressure, Heart Attack, Angina</i> )	S	10	0
2.4	Did the First Aider ask bystander if casualty has any allergies? ( <i>None known</i> )	S	10	0
2.5	Did the First Aider ask if casualty takes any medication? ( <i>None known</i> )	S	10	0
2.6	Did the First Aider ask if casualty had eaten? ( <i>not known</i> )	S	10	0
2.7	Did First Aider ask bystander what happened before their arrival? ( <i>casualty sought out help after feeling "unwell" for most of the day; laid on stretcher, gasped and went VSA</i> )	S	10	0
3.0	<b>CASUALTY'S VITAL SIGNS ASSESSMENT</b>			
3.1	Did First Aider determine Level of Consciousness? ( <i>once resuscitated, casualty semi-conscious (ie moaning)</i> )	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 120 full &amp; regular.</i> )	A	10	0
3.4	Did First Aider assess Skin Condition? ( <i>correct to pink &amp; moist</i> )	A/S	10	0
3.5	Did First Aider check Skin Temperature? ( <i>correct to cool to touch</i> )	A	10	0
<b>PAGE 2 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey P1 (Possible 120)				

4.0	<b>FIRST AID PROVIDED</b>			
4.1	Were the AED pads applied correctly?	<b>A/S</b>	<b>10</b>	<b>0</b>
4.2	Did the First Aider ensure that no one was touching the patient or stretcher before shocking the patient, before the 1 <sup>st</sup> shock was administered?	<b>A/S</b>	<b>20</b>	<b>0</b>
4.3	Did the First Aider provide adequate CPR compressions following the first shock? ( <i>30:2 ratio for two minutes</i> )	<b>A</b>	<b>20</b>	<b>0</b>
4.4	Did the First Aider stop touching the patient during analysis?	<b>A/S</b>	<b>20</b>	<b>0</b>
4.5	Did the First Aider ensure that no one was touching the patient or stretcher before shocking the patient, before the 2 <sup>nd</sup> shock was administered?	<b>A</b>	<b>20</b>	<b>0</b>
4.6	Did the First Aider provide adequate CPR compressions following the first shock? ( <i>30:2 ratio for two minutes</i> )	<b>A/S</b>	<b>20</b>	<b>0</b>
4.7	Did the First Aider stop touching the patient during analysis?	<b>A</b>	<b>20</b>	<b>0</b>
4.8	Did the First Aider ensure that no one was touching the patient or stretcher before shocking the patient, before the 3 <sup>rd</sup> shock was administered?	<b>A</b>	<b>20</b>	<b>0</b>
4.9	Did the First Aider reassess the casualty's airway?	<b>A</b>	<b>20</b>	<b>0</b>
4.10	Did the First Aider reassess the casualty's breathing? ( <i>once ROSC – breathing present and distress free</i> )	<b>A</b>	<b>20</b>	<b>0</b>
4.11	Did the First Aider reassess the casualty's circulation? ( <i>must include assessment for signs of circulation – pulse check, or questions about spontaneous movement, etc – and assesses skin condition/temperature</i> )	<b>A</b>	<b>20</b>	<b>0</b>
4.12	Did the First Aider obtain a set of vital signs once patient was resuscitated?	<b>A</b>	<b>10</b>	<b>0</b>
4.13	Did the First Aider obtain an incident history from the judge/bystander, prior to their arrival?	<b>A</b>	<b>10</b>	<b>0</b>
4.14	Did the First Aider ask about the patient's Past Medical History?	<b>A</b>	<b>10</b>	<b>0</b>
4.15	Did the First Aider ask about the patient's symptoms before losing consciousness?	<b>A</b>	<b>10</b>	<b>0</b>
<b>PAGE 3 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey P2 (Possible 250)				

5.0	<b>RECORDING</b>			
5.1	Was the date and time recorded?	A	20	0
5.2	Was the patient’s information recorded? <i>(Competitor must make notation, either “could not obtain (CNO)” or information unavailable, etc.)</i>	A	20	0
5.3	Was the First Aider’s information recorded?	A	20	0
5.4	Was it noted that the casualty lost consciousness just prior to arrival of First Aider	A	20	0
5.5	Was the “CARDIAC ARREST/AED TREATMENT” section of the Patient Care Record completed? <i>(must be complete and accurate)</i>	A	20	0
5.6	Was any event/incident history recorded <i>(ie. Casualty walked into MFAP, felt unwell today, etc)</i>	A	20	0
5.7	Was it documented that the patient regained signs of circulation after 3 shocks?	A	20	0
5.8	Were the vital signs recorded (once casualty resuscitated)? <i>(no mark if time not recorded)</i>	A	20	0
5.9	Was the casualty’s Allergies recorded <i>(none known or CNO)</i>	A	20	0
5.10	Was the casualty’s Medications recorded <i>(not known or CNO)</i>	A	20	0
5.11	Was any of the casualty’s Past Medical History recorded? <i>(High Blood Pressure, previous Heart Attack, and Angina)</i>	A	20	0
5.12	Were the casualty’s feelings of lightheadedness, dizziness, or feeling “unwell” all day recorded?	A	20	0
<b>PAGE 2 SUB-TOTAL POINTS AWARDED</b>				
Recording P1 (Possible 240)				