

2011
SJA Ontario
First Aid Competition

-Snowmobiler- ADVANCED

Background Scenario

It is a cold February afternoon, and your team is returning home after providing first aid coverage at a nearby community winter carnival. You and your partner notice a snow mobile has crashed at the side of the road, and you quickly pull over to offer your assistance

This sheet to be given to competitors at the beginning of the scenario!!

2011 SJA Ontario First Aid Competition

-Pit Crew Member ADVANCED

Background Scenario

It is a cold February afternoon, and your team is returning home after providing first aid coverage at a nearby community winter carnival. You and your partner notice a snow mobile has crashed at the side of the road, and you quickly pull over to offer your assistance

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)

A snow mobile hits a buried rock in the snow, is thrown over the handle bars of his snow mobile, and lands face down in the snow. He was not wearing a helmet.
Pt has injured his left lower leg and right lower arm/wrist. Both are possibly fractured, and he also has a head and spinal injury.

IF CASUALTY IS LOG ROLLED PROPERLY, USING 2 PEOPLE, ONE MAINTAINING C-SPINE CONTROL, CASUALTY BEGINS TO BREATHE. IF NOT LOG ROLLED PROPERLY, CASUALTY IS NOT BREATHING AND REQUIRES A.R. FOR 3 MINUTES!!!

INJURIES

- Swollen and painful left lower leg, with abrasions. **Open fracture.**
- Pt is not breathing initially when found. If log rolled correctly, they begin to breathe, otherwise they will require 3 minutes of artificial respiration. Pt has a pulse throughout..
- Swollen and very painful right lower arm/wrist. **Possible fracture.**
- Pt has history of diabetes since childhood.
- Shock (very pale, cool, clammy)

CASUALTY PROMPTS

- Casualty is found lying face down in the snow, not breathing.
- Casualty has very swollen right wrist, very painful to attempt to move it, once conscious.
- Casualty did lose consciousness, and has neck pain.
- Casualty is unconscious at beginning of scenario, once breathing, they become conscious (slowly).
- Casualty is alert & fully oriented (see above) – answers questions accurately and obeys command.
- Casualty has very swollen and painful left lower leg, obvious open fracture.
- Casualty has been diabetic, since childhood.
- Casualty has no allergies.
- Casualty is currently taking Toronto Insulin, 4 times daily and Lente Insulin twice daily.

- Casualty has no other significant medical history.
- Casualty had a full meal and a beer, about two hours ago.

PROPS

- Casualty dressed in T-shirts and long pants or Tyvec Overalls.
- Casualty does not wear medic alert and does not have medication with him.

BYSTANDER'S PROMPTS

- **NOT AVAILABLE DURING PRIMARY SURVEY!!!**
- IF ASKED. "I was just driving by and saw the accident so I stopped to help you guys".
- IF ASKED. Scene is safe after engine of snowmobile is turned off (statement).
- IF ASKED. You can assist with first aid, but not trained.

JUDGES' PROMPTS

	1st Set	2nd Set
Respirations	24 regular, shallow	24 regular
Pulse	116 weak/regular	110 weak/regular
Skin	Pale/Cool/diaphoretic	Pale/Cool/Diaphoretic
Pupils	4 mm reactive	4 mm reactive
LOC	Conscious	Conscious
BP	108/48	102/36

- **JUDGES NOTE!!!!THERE ARE NO MARKS GIVEN FOR DOING A.R., BUT THE TEAM WILL LOSE MANY OF THE INITIAL MARKS BECAUSE THEY WILL BE DOING A.R. INSTEAD OF THEIR PRIMARY SURVEY**

Ladus

- Meds: currently taking Toronto Insulin, 4 times daily and Lente Insulin twice daily.
- History of diabetes since childhood.
- Allergies: None
- Last ate a full meal and a beer, approximately 2 hour ago

**2011
SJA Ontario
First Aid Competition**

Snowmobiler- ADVANCED

TEAM Information

Please **print** the following information:

Team Number _____

Team Member #1 _____

Team Member #2 _____

Judges' Name(s) _____

Page 5, Scene / Primary Survey **Sub Total** _____
(Possible 320)

Page 6, Secondary Survey **Sub-Total** _____
(Possible 290)

Page 7, First Aid Provided **Sub-Total** _____
(Possible 300)

Page 8, Recording **Sub-Total** _____
(Possible 150)

Secondary Survey/Treatment Points Total _____
(Possible 1060)

Total Points Awarded

Primary + Secondary Total (Possible 1060)

2011
SJA ONTARIO
First Aid Competition
Advanced Team Scenario

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. <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 First Aider take charge of the situation? <i>(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? (none for first 3 minutes)	S	20	0
1.5	Were hazards assessed? (Snowmobile is hazard until engine turned off).	S	20	0
1.6	Did First Aider put on protective gloves?	A	20	0
1.7	Did first aider ask casualty if he hit his head? (yes on windshield of snowmobile)	A	20	0
1.8	<i>Did First Aider determine if there are other casualties? (none)</i>	S	20	0
1.9	Did First Aider determine/state the mechanism of injury? <i>(Casualty hit rock on snowmobile, thrown over handlebars)</i>	A/S	20	0
1.10	Did First Aider assess responsiveness? <i>(level of consciousness: casualty is fully conscious: alert & oriented)</i>	A/S	20	0
1.11	Did First Aider assess airway ? <i>(If log rolled properly, begins to breath, if not, airway is patent, casualty not breathing))</i>	A/S	20	0
1.12	Did First Aider assess breathing? <i>(24 regular and shallow)</i>	A	20	0
1.13	Did First Aider assess the casualty's circulation - skin condition and temperature ? <i>(skin is cool, pale and sweaty)</i>	A	20	0
1.14	Did First Aider perform a rapid body survey? <i>(minor bleeding lower left leg)</i>	A	20	0
1.15	Did First Aider activate EMS? <i>(bystander is available to do this)</i>	A/S	20	0
1.16	Did First Aider notify police ?	A/S	20	0
PAGE 4 SUB-TOTAL POINTS AWARDED				
Primary Survey (Possible 320)				

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 OF THE CASUALTY:			
2.1	Did the First Aider ask casualty's name?	S	10	0
2.2	Did the First Aider ask casualty's symptoms? <i>(pain in left leg, right wrist and left palm)</i>	S	10	0
2.3	Did the First Aider ask if casualty has any allergies? <i>(none)</i>	S	10	0
2.4	Did First Aider ask if casualty is taking any medications? <i>(Toronto Insulin and Lente Insulin)</i>	S	10	0
2.5	Did First Aider ask casualty's past medical history? <i>(Diabetic since childhood)</i>	S	10	0
2.6	Did the First Aider ask if casualty had eaten? <i>(ate a full meal 2 hours before)</i>	S	10	0
2.7	Did First Aider ask casualty how the incident happened? <i>(snowmobile hit rock, thrown over handlebars)</i>	S	10	0
3.0	CASUALTY'S VITAL SIGNS ASSESSMENT			
3.1	Did First Aider determine Level of Consciousness? <i>(slowly becomes fully conscious)</i>	A/S	10	0
3.2.	Did First Aider assess Respiration? <i>(correct to 24 regular and shallow.)</i>	A	10	0
3.3	Did First Aider assess Pulse? <i>(correct to 116 regular and weak.)</i>	A	10	0
3.4	Did First Aider assess Skin Condition & Temperature? <i>(correct to pale, cool and sweaty)</i>	A	10	0
3.5	Did First Aider check BP (108/48)	A	10	0
4.0	CASUALTY – HEAD TO TOE ASSESSMENT			
4.1	Check scalp? <i>(clear)</i>	A	10	0
4.2	Check eyes? <i>(pupils 4mm, equal and react to light)</i>	A	10	0
4.3	Check nose? <i>(nothing)</i>	A	10	0
4.4	Check mouth? <i>(nothing)</i>	A	10	0
4.5	Check jaw? <i>(nothing)</i>	A	10	0
4.6	Check ears? <i>(ears clear – no fluid)</i>	A	10	0
4.7	Check neck? <i>(no deformity, but very painful)</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>(swollen/painful right lower arm/wrist and left hand)</i>	A	10	0
4.11	Did First Aider auscultate chest? <i>(clear)</i>	A	10	0
4.11	Check chest <i>(no deformity)</i>	A	10	0
4.12	check abdomen? <i>(clear)</i>	A	10	0
4.13	check back? <i>(no deformity, no pain)</i>	A	10	0
4.14	check pelvis? <i>(no deformity)</i>	A	10	0
4.15	Check both legs? <i>Swollen/painful lower left leg-open fracture)</i>	A	10	0
4.16	Check both ankles and feet? <i>(no deformity)</i>	A	10	0
PAGE 5 SUB-TOTAL POINTS AWARDED				
Secondary Survey		(Possible 290)		

5.0	LOWER LEFT LEG INJURY			
5.1	Was the injury exposed?	A	10	0
5.2	Was The open wound cleaned and covered?	A	10	0
5.3	Was the circulation distal to the injury assessed? <i>(capillary refill / ankle pulse)</i>	A	10	0
5.4	Was the leg effectively immobilized? (splints or other leg)	A	10	0
5.5	Was circulation distal to the injury reassessed after immobilizing ?	A	10	0
5.6	Was cold applied to reduce swelling?	A	10	0
6.0	RIGHT WRIST INJURY			
6.1	Was the fractured wrist/forearm discovered?	A/S	10	0
6.2	Was circulation distal to the injury assessed? <i>(capillary refill / nail-bed test/ radial pulse)</i>	A	10	0
6.3	Was the wrist and lower arm immobilized? (Splint/Sling)	A	10	0
6.4	Was circulation distal to the injury reassessed after bandaging ?	A	10	0
6.5	Was ice applied to reduce swelling?	A/S	10	0
7.0	NECK INJURY			
7.1	Was the neck injury recognized?	A/S	10	0
7.2	Was a cervical collar applied?	A	10	0
7.3	Was casualty immobilized on backboard?	A	10	0
7.4	Was the airway rechecked after c-collar applied?	S	10	0
7.5	Was c-spine immobilization maintained until immobilized on backboard?	A	10	0
8.0	SHOCK AND GENERAL			
8.1	Was casualty covered "over" to lessen shock?	A	10	0
8.3	Was casualty reassured?	A/S	10	0
8.4	Was casualty reassured more than once?	A/S	10	0
8.5	Was Level of Consciousness reassessed? <i>(conscious, alert and oriented)</i>	A/S	10	0
8.6	Was casualty's respiration reassessed? <i>(24 regular and shallow.)</i>	A	10	0
8.7	Was casualty's pulse reassessed? <i>(110 regular and weak.)</i>	A	10	0
8.8	Was casualty's skin reassessed? <i>(pale, cool, sweaty)</i>	A	10	0
8.9	Was casualty's BP reassessed? <i>(102/36)</i>	A	10	0
8.10	Was chest re-auscultated? <i>(clear)</i>	A	10	0
8.11	Did First Aider ask casualty if he is having difficulty breathing? <i>(none)?</i>	A/S	10	0
8.12	Was casualty asked when he last took his diabetes medication? <i>(morning dose)</i>	A/S	10	0
8.13	Was Oxygen Applied? <i>(nasal cannula or mask)</i>	A	20	0
9.0	PERSONAL PROTECTIVE EQUIPMENT			
9.1	Were nitrile/vinyl gloves effective? <i>(Judges Note: torn gloves must be replaced.)</i>	A	10	0

PAGE 6 SUB-TOTAL POINTS AWARDED

Treatment

(Possible 300)

10.0	RECORDING			
10.1	Was the date and time recorded?	A	5	0
10.2	Was the casualty's information 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? (Airway patent; Not breathing or Breathing adequate; Skin pale/cool/sweaty)	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 wrist wound recorded?	A	5	0
10.9	Was the open fracture of left leg recorded?	A	5	0
10.10	Was the neck recorded?	A	5	0
10.11	Was patient's history of diabetes recorded?	A	5	0
10.12	Was the patient's last time when medication taken recorded ?	A	5	0
10.13	Was the patient's medication recorded? (Toronto and Lente Insulins)	A	5	0
10.14	Did the First Aider record when/what the patient last ate?	A	5	0
10.15	Was treatment for the left leg injury recorded?	A	5	0
10.16	Was treatment for the right wrist injury recorded?	A	5	0
10.17	Was treatment for the neck injury recorded?	A	5	0
10.18	Was the 1 st vital signs Level of Consciousness recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.19	Was the 1 st vital signs Respiration recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.20	Was the 1 st vital signs Pulse recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.21	Was the 1 st vital signs BP recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.22	Was the 1 st vital signs Skin Condition & Temperature recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.23	Was the 2 nd vital signs Level of Consciousness recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.24	Was the 2 nd vital signs Respiration recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.25	Was the 2 nd vital signs Pulse recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.26	Was the 2 nd vital signs BP recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.27	Was the 2 nd vital signs Skin Condition & Temperature recorded with the time taken? (If no time recorded, then no mark.)	A	5	0
10.28	Was application of oxygen recorded with time? (no time-no mark)	A	5	0
10.29	Was notification of EMS recorded?	A	5	0
10.30	Was notification of police recorded?	A	5	0

PAGE 7 SUB-TOTAL POINTS AWARDED

Recording

(Possible 150)