

2001

**31st ANNUAL ONTARIO OPEN
First Aid Competition**

DETACH PAGE AND GIVE TO COMPETITOR WHEN DIRECTED TO DO SO

TEAM SCENARIO

While attending events at the Ontario Science Center you hear a yell and the sound of breaking glass. Upon investigating you find a lab technician lying on the floor conscious but bleeding. It appears to you that the person was carrying two bottles from a laboratory to a display.

Good luck! You have 15 minutes to complete the scenario.

N.B.

There will be an announcement of time at the 5 minute, and final 2 minutes points of the scenario.

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JUDGE'S COPY OF SCENARIO TEAM SCENARIO

While attending events at the Ontario Science Center you hear a yell and the sound of breaking glass. Upon investigating you find a lab technician lying on the floor conscious but bleeding. It appears to you that the person was carrying two bottles from a laboratory to a display.

N.B.

There will be an announcement of time at the 5 minute, and final 2 minutes points of the scenario.

Good luck! You have 15 minutes to complete the scenario.

Note to Judges: If any First Aiders come in contact with the simulated chemicals, they are to be notified of the situation, and told to treat the possible exposure correctly, (supplies used on the First Aider cannot be counted for the casualty as well i.e. water.)

INJURIES

- Casualty suffering from Diabetic Coma - (Acetone breath).
- Broken glass in right hand
- Broken glass in face.
- Chemical burns on hands and lower arms (up to the elbows) from acid.

CASUALTY PROMPTS

- Casualty is lying down and attempting to get up.
- Simulated acid on the floor at the end of the square, competitor should try to move casualty away from the simulated acid.
- Conscious but confused throughout the scenario
- Casualty is a diabetic but can't remember if they took insulin.
- Pain in right hand (from glass incision, reacts loudly to pain).
- Pain in face - wondering if they hurt their face.
- Casualty frequently asks for a drink – they are thirsty.

PROPS

- Band-aid soaked with nail polish remover (acetone) stuck under collar of tyvecs (to provide the acetone smell of breath).
- Simulated acid on hands – up to their elbows. – that would have to be cleaned off.
- Plastic cup stepped on to flatten with label facing up.
- Wearing Tyvec coveralls.
- Bottle with WHMIS Label for chemical

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Casualty Positioning

Team Scenario



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Team Information

Please **print** the following information:

TEAM'S NAME _____

TEAM CAPTAIN'S NAME _____

JUDGE'S NAME (PRINT) _____

FLOOR POSITION (SQUARE #) _____

Page 1 Primary Survey Points Total _____
(Possible 400)

Page 2, Secondary Survey Page 1, Sub-Total _____
(Possible 250)

Page 3, Secondary Survey Page 2, Sub-Total _____
(Possible 270)

Page 4, Secondary Survey Page 3, Sub-Total _____
(Possible 80)

Page 5, Secondary Survey Page 4, Sub-Total _____
(Possible 135)

Secondary Survey Points Total _____
(Possible 735)

Total Points Awarded	
Primary + Secondary Total (Possible 1135)	

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SCENE / PRIMARY SURVEY: This section is active for the first 5 minutes of the scenario only. During these first 5 minutes, the competitor may perform the actions that are both listed here and in the Secondary Survey. After the 5 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 Aiders take charge of the situation ? <i>(tell casualty not to move?)</i>	S	20	0
1.2	Did First Aiders I.D. themselves and offer to help ?	A/S	20	0
1.3	Did First Aiders call out for help from by-standers ? <i>(if Yes, readily available to call EMS and or traffic control only).</i>	S	20	0
1.4	Were hazards assessed ? <i>(broken bottle with simulated acid)</i>	S	20	0
1.5	Did First Aiders check the WHMIS Label on the jar.	A	20	0
1.6	Did First Aiders make an effort to control the hazards?	S	20	0
1.7	Was casualty moved away from the acid hazard?	A	20	0
1.8	Did First Aiders put on protective gloves? <i>(vinyl, latex, playtex, etc; must actually be worn to receive marks)</i>	A	20	0
1.9	Did First Aiders determine if there are other casualties ?	S	20	0
1.10	Did First Aiders determine/state the mechanism of injury ?	A/S	20	0
1.11	Did First Aiders assess responsiveness? <i>(level of consciousness conscious but confused – not aware if they took insulin).</i>	A/S	20	0
1.12	Did First Aiders activate EMS, <i>(Fire Ambulance; by-stander available to do this)</i>	A/S	20	0
1.13	Was request for ambulance specified?	S	20	0
1.14	Was location of incident specified to 911 (Science Center)	S	20	0
1.15	Did First Aiders assess airway? <i>(Casualty is conscious).</i>	A/S	20	0
1.16	Did First Aiders assess breathing? <i>(respirations rapid, deep and sighing,) (26).</i>	A/S	20	0
1.17	Did First Aiders assess pulse ? <i>(present, rapid; weak)(110)</i>	A/S	20	0
1.18	Did First Aiders perform a rapid body survey on casualty?	A/S	20	0
1.19	Did First Aiders control bleeding from incision on right hand? <i>(by hand or by a dressing)</i>	A/S	20	0
1.20	Did First Aiders assess the casualty's skin condition and temperature? <i>(Warm pale, dry skin.)</i>	A	20	0

PAGE 1 SUB-TOTAL POINTS AWARDED

Primary Survey

(Possible 400)

SECONDARY SURVEY: Actions in this section may be performed by the competitors in the first 5 minutes of the scenario as well as the Primary Survey . After the 5 first minutes, this is the only section that points shall be awarded to.		A/S	P O I N T S	N O T D O N E
<i>Actions in this section may be done in any order.</i>				
2.0	History of the casualty:			
2.1	Did the First Aiders ask bystanders if they know casualty? <i>(none do)</i>	S	10	0
2.2	Did the First Aiders check for a medical alert device ? <i>(bracelet, necklace etc.) (none)</i>	A/S	10	0
2.3	Did First Aiders ask bystanders how the incident happened? <i>(he/she just seemed to trip and fall)</i>	S	10	0
3.0	Casualty's Vital Signs Assessment			
3.1	Did First Aiders determine Level of Consciousness ? <i>(casualty is conscious but confused, responds to pain.)</i>	A	10	0
3.2.	Did First Aiders assess Respirations ? <i>(correct to 26 and deep.)</i>	A	10	0
3.3	Did First Aiders assess Pulse ? <i>(carotid or radial OK.) (correct to 110 and weak.)</i>	A	10	0
3.4	Did First Aiders assess Skin Condition ? <i>(correct to pale and dry)</i>	A/S	10	0
3.5	Did First Aiders check Skin Temperature ? <i>(OK by palpation.) (correct to warm, pale & dry)</i>	A	10	0
4.0	Casualty - Head to Toe Assessment			
4.1	check scalp ?	A	10	0
4.2	Check face ? <i>(facial cuts with imbedded glass)</i>	A	10	0
4.3	check eyes ? <i>(equal and reacts to light)</i>	A	10	0
4.4	check nose ?	A	10	0
4.5	check mouth ? <i>(smell of acetone breath)</i>	A	10	0
4.6	check jaw ?	A	10	0
4.7	check ears ?	A	10	0
4.8	check neck ?	A	10	0
4.9	check collarbones ?	A	10	0
4.10	check shoulders ?	A	10	0
4.11	check arms/hands ? <i>(Chemical burns & cuts with glass)</i>	A	10	0
4.12	check chest ?	A	10	0
4.13	check abdomen ?	A	10	0
4.14	check back ?	A	10	0
4.15	check pelvis ?	A	10	0
4.16	Check both legs ?	A	10	0
4.17	check both ankles and feet ?	A	10	0
PAGE 2 SUB-TOTAL POINTS AWARDED				
Secondary Survey Page 1		(Possible 250)		

5.0	Diabetic Coma			
5.1	Did First Aiders recognize the Acetone smell to the Breath ?	A/S	10	0
5.2	Did First Aider ask if the casualty is Diabetic	S	10	0
5.3	Did First Aider ask if the person has eaten or taken Insulin ?	S	10	0
5.4	Did First Aider ask if casualty has checked their blood Sugar?	S	10	0
5.5	Did First Aider provide blood sugar support ? <i>(sugar/glucose/juice/pop etc, must be available on the floor)</i>	A	10	0
6.0	Facial Injuries			
6.1	Did First Aiders recognize the facial cuts with glass ?	A	10	0
6.2	Were appropriate dressings applied ?	A	10	0
6.3	Was mouth examined for loose or foreign objects ?	A	10	0
6.4	Were the eyes examined for glass or chemical burns ?	A	10	0
6.5	Was the bleeding controlled effectively ?	A	10	0
7.0	Hand and Arm Injuries			
7.1	Was the chemicals on the lower arms recognized ?	A	10	0
7.2	Were attempts made to remove excess acid ?	A	10	0
7.3	AFTER REMOVING EXCESS ACID, Were attempts made to flush the residual burn on the skin ? <i>(Water must be present on the floor but not used)</i>	A	10	0
7.4	Did the First Aiders know they should flush the chemical burns for at least 10 minutes?	A/S	10	0
7.5	Were the hand cuts with imbedded glass recognized ?	A/S	10	0
7.6	Were appropriate dressings applied to the cuts ?	A	10	0
7.7	Were appropriate dressings used for the burns ? <i>(wet)</i>	A	10	0
7.8	Was distal circulation checked on Right hand ?	A	10	0
7.9	Was distal circulation checked on Left hand ?	A	10	0
8.0	SHOCK AND GENERAL			
8.1	Was casualty covered "over" to lessen shock ?	A	10	0
8.2	Was casualty covered "under" to lessen shock ?	A	10	0
8.3	Was casualty reassured ?	A	10	0
8.4	Was casualty reassured more than once ?	A	10	0
8.5	Was Level of consciousness reassessed? <i>(casualty remains conscious, confused, responds to pain)</i>	A	10	0
8.6	Was casualty's temperature reassessed ? <i>(warm & dry)</i>	A	10	0
8.7	Was casualty's pulse reassessed ? <i>(110 and weak.)</i>	A	10	0
8.8	Was casualty's respirations reassessed ? <i>(26, deep and sighing)</i>	A	10	0
PAGE 3 SUB-TOTAL POINTS AWARDED				
Secondary Survey Page 2				
		(Possible 270)		

9.0	Personal Protection			
9.1	Were gloves worn for duration of scenario ?	A	10	0
9.2	Were gloves effective ? (Judges Note: torn gloves must be replaced.)	A	10	0
9.3	Were all First Aiders clear of the chemical at all times ?	A	50	0
9.4	If any First Aiders were exposed to the chemicals were they treated promptly and effectively? <i>(supplies used on the First Aider cannot be counted for the casualty as well i.e. water.)</i>	A	10	0

PAGE 4 SUB-TOTAL POINTS AWARDED

Secondary Survey Page 3

(Possible 80)

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10.0	Recording			
10.1	Was the date and time recorded ?	A	5	0
10.2	Was the patient's information recorded ?	A	5	0
10.3	Was the First Aider's information recorded ?	A	5	0
10.4	Was the initial Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.6	Was the initial Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.7	Was the initial Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.8	Was the initial Skin Temperature recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.9	Was incident history recorded ?	A	5	0
10.10	Was the suspected diabetes recorded ?	A	5	0
10.11	Was treatment for the suspected diabetes recorded ?	A	5	0
10.12	Was the acetone breath recorded ?	A	5	0
10.13	Was the casualty's thirst recorded?	A	5	0
10.14	Were the facial cuts with glass recorded ?	A	5	0
10.15	Was treatment for the facial cuts with glass recorded ?	A	5	0
10.16	Was the hand cuts with glass recorded ?	A	5	0
10.17	Was treatment for hand cuts with glass recorded ?	A	5	0
10.18	Was the chemical burns to the hands and arms identified ?	A	5	0
10.19	Was treatment for the chemical burns recorded ?	A	5	0
10.20	Was the exposed chemical identified ?	A	5	0
10.21	Was the reassessed Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.22	Was the reassessed Respirations recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.23	Was the reassessed Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.24	Was the reassessed Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.25	Was the reassessed Skin Temperature recorded with time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.26	Was the reassessed Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
10.27	If any First Aiders were exposed to the chemicals, was this recorded?	A	5	0

PAGE 5 SUB-TOTAL POINTS AWARDED

Secondary Survey Page 3

(Possible 135)

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