

**2002**

**32nd ANNUAL ONTARIO OPEN  
First Aid Competition**

**DETACH PAGE AND GIVE TO TEAM WHEN DIRECTED TO DO SO**

**INDIVIDUAL SCENARIO**

While walking through the Ontario Science Centre, you happened to observe a maintenance person working on a large display. A few seconds later you hear a loud yell. When you respond to investigate, you find the worker kneeling in front of the display, obviously caught and drawn into the machine.

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

N.B.

There will be an announcement of times after the first 3 minutes and again at the final 2 minutes.

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## First Aid Competition

### JUDGE'S COPY OF SCENARIO INDIVIDUAL SCENARIO

While walking through the Ontario Science Centre, you happened to observe a maintenance person working on a large display. A few seconds later you hear a loud yell, When you respond to investigate, you find the worker kneeling in front of the display, obviously caught and drawn into the machine.

N.B.

There will be an announcement of times after the first 3 minutes and again at the final 2 minutes.

Note:

### INJURIES

- Casualty is found on their knees, with both hands caught in the machine.
- Index fingers on both hands amputated by machine.
- Casualty hit forehead on the front of the machine as they were pulled in.
- Contusion in center of forehead with a very small 2 mm cut (bleeding slightly)
- Hands wrapped in a garbage bag.
- History of epilepsy, has been seizure-free for 5 years.
- Unconscious at beginning of scenario, regains consciousness during “Tap and Shout” or if not done, at the 3 minutes announcement
- Not currently on any medications.

### CASUALTY PROMPTS

- Unconscious at beginning of scenario, regains consciousness during “Tap and Shout” or if not done, at the 3 minutes announcement
- Casualty was clearing a jam on the machine, got caught and pulled in.
- Casualty hit head and is feeling a little nauseous.
- History of epilepsy, has been seizure-free for 5 years.
- Not currently on any medications (since seizure free for 5 years).
- Casualty ate recently in the Science Centre cafeteria.
- Casualty has No Allergies

### PROPS

- Chair or something to simulate the machine
- Garbage bag wrapped around the casualty’s hands
- Simulated amputated fingers
- Casualty is wearing tyvec coveralls

### JUDGES’ PROMPTS

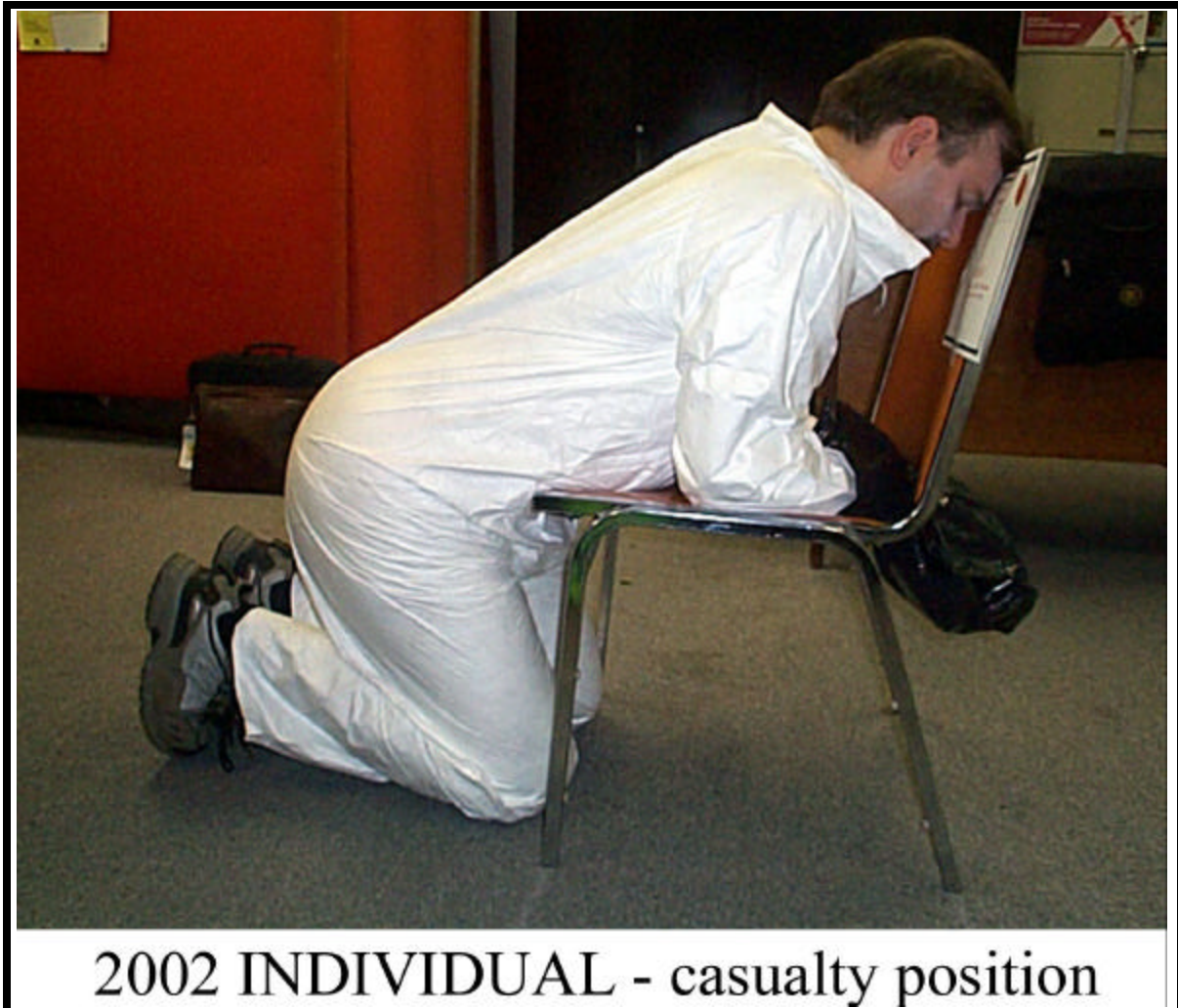
- Judge is available to call for 911 and perform traffic control at the scene, IF ASKED.
- Unconscious at beginning of scenario, regains consciousness during “Tap and Shout” or if not done, at the 3 minutes announcement
- Casualty is pale and sweaty.
- Casualty’s skin is cool and clammy throughout scenario.
- Casualty’s respirations are 25, regular and shallow throughout scenario
- Casualty’s pulse is 110 regular and weak throughout scenario.
- Casualty’s pupils are equal, 4 mm and reactive.
- Casualty is nauseous from the blow to the head.
- Casualty is unconscious at beginning of scenario then groggy and semi conscious.

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Casualty Positioning

Individual Scenario



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## Individual Information

Please **print** the following information:

TEAM'S NAME \_\_\_\_\_

INDIVIDUAL'S NAME \_\_\_\_\_

JUDGE'S NAME (PRINT) \_\_\_\_\_

FLOOR POSITION (SQUARE #) \_\_\_\_\_

**Page 1 Primary Survey Points Total** \_\_\_\_\_  
(Possible 380)

**Page 2, Secondary Survey Page 1, Sub-Total** \_\_\_\_\_  
(Possible 130)

**Page 3, Secondary Survey Page 2, Sub-Total** \_\_\_\_\_  
(Possible 200)

**Page 4, Secondary Survey Page 3, Sub-Total** \_\_\_\_\_  
(Possible 190)

**Page 5, Secondary Survey Page 4, Sub-Total** \_\_\_\_\_  
(Possible 135)

**Secondary Survey Points Total** \_\_\_\_\_  
(Possible 655)

**Total Points Awarded**

Primary + Secondary Total (Possible 1035)

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## First Aid Competition

### 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 First Aider take charge of the situation ? <i>(tell casualty not to move?)</i>	S	20	0
1.2	Did First Aider I.D. self and offer to help ?	A/S	20	0
1.3	Did First Aider call out for help from by-standers ? <i>(if Yes, Judge is readily available to call EMS and/or control traffic)</i>	S	20	0
1.4	Did First Aider put on protective gloves? <i>(vinyl, latex, Playtex, etc; must actually be worn to receive marks)</i>	A	20	0
1.5	Were hazards assessed ?	S	20	0
1.6	Did First Aider make an effort to control the hazards? <i>(stop the machine using the ON/OFF switch)</i>	S	20	0
1.7	Did First Aider assist the casualty to the floor upon being released from the machine ? <i>(Preventing further injury)</i>	S	20	0
1.8	Did First Aider support the casualty's head and neck while lowering them to the floor ? <i>(Preventing further injury)</i>	S	20	0
1.9	Did First Aider determine if there are other casualties ?	S	20	0
1.10	Did First Aider determine/state the mechanism of injury ?	A/S	20	0
1.11	Did First Aider assess responsiveness? <i>(Casualty is unconscious at start of scenario, then regains consciousness if touched and called during "tap and shout" or at 3 minutes)</i>	A/S	20	0
1.12	Did First Aider activate EMS, <i>(911, Fire Police 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 Centre)	S	20	0
1.15	Did First Aider assess airway? <i>(patent or open)</i>	A/S	20	0
1.16	Did First Aider assess breathing? <i>(Respirations 25, regular, shallow)</i>	A/S	20	0
1.17	Did First Aider assess pulse ? <i>(present, 110, regular; weak)</i>	A/S	20	0
1.18	Did First Aider perform a rapid body survey?	A/S	20	0
1.19	Did First Aider assess the casualty's skin condition or temperature ? <i>(skin is cool, pale and sweaty.)</i>	A	20	0

<b>PAGE 1 SUB-TOTAL POINTS AWARDED</b>	
Primary Survey (Possible 380)	

<b><i>SECONDARY SURVEY:</i></b> Admission may be performed by the competitor in the first 3 minutes of the scenario as well as the <b><i>Primary Survey</i></b> . After the first 3 minutes, this is the only section that points shall be awarded to. <b><i>Actions in this section may be done in any order.</i></b>		A/S	P O I N T S	N O T D O N E
2.0	<b><i>Incident Scene Assessment</i></b>			
2.1	Once the casualty regains consciousness, did First Aider identify themselves <b>again</b> ?	A	10	0
2.2	Once the casualty regains consciousness, did First Aider seek consent to assist <b>again</b> ?	A	10	0
3.0	<b><i>History of the casualty:</i></b>			
3.1	Did the First Aider ask bystanders if they know casualty? <i>(none do)</i>	S	10	0
3.2	Did the First Aider check for a medical alert device ? <i>(bracelet, necklace etc.) (none)</i>	A/S	10	0
3.3	Did the First Aider ask casualty about any allergies ? <i>(none.)</i>	S	10	0
3.4	Did the First Aider ask casualty if he/she had eaten ? <i>(ate recently in the cafeteria.)</i>	S	10	0
3.5	Did First Aider ask casualty if he/she had any other medical history ? <i>(History of epilepsy but seizure-free for 5 years.)</i>	S	10	0
3.6	Did First Aider ask bystanders how the incident happened? <i>(machine caught his/her hands, drawing them in)</i>	S	10	0
4.0	<b><i>Casualty's Vital Signs Assessment</i></b>			
4.1	Did First Aider determine Level of Consciousness ? <i>(After regaining consciousness, casualty is semi-conscious and groggy)</i>	A	10	0
4.2.	Did First Aider assess Respirations ? <i>(correct to 25 regular and shallow.)</i>	A	10	0
4.3	Did First Aider assess Pulse ? <i>(carotid or radial OK.)</i> <i>(correct to 110 regular and weak.)</i>	A	10	0
4.4	Did First Aider assess Skin Condition ? <i>(correct to pale and sweaty)</i>	A/S	10	0
4.5	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 Page 1		(Possible 130)		

5.0	<b>Casualty - Head to Toe Assessment</b>			
5.1	Check scalp ? <i>(small contusion on forehead)</i>	A	10	0
5.2	Check eyes ? <i>(pupils equal, 4mm and reacts to light)</i>	A	10	0
5.3	Check nose ?	A	10	0
5.4	Check mouth ?	A	10	0
5.5	Check jaw ?	A	10	0
5.6	Check ears ?	A	10	0
5.7	Check neck ?	A	10	0
5.8	Check collarbones ?	A	10	0
5.9	Check shoulders ?	A	10	0
5.10	Check arms/hands ? <i>(hands wrapped in a bag initially, when bag removed, amputated fingers are revealed)</i>	A	10	0
5.11	Check chest ?	A	10	0
5.12	Check abdomen ?	A	10	0
5.13	Check back ?	A	10	0
5.14	Check pelvis ?	A	10	0
5.15	Check both legs ?	A	10	0
5.16	Check both ankles and feet ?	A	10	0
6.0	<b>HEAD INJURY</b>			
6.1	Was the cut on the forehead recognized ?	A/S	10	0
6.2	Was an appropriate dressing applied ?	A	10	0
6.3	Was a "C-collar" applied effectively? <i>(and/or head steadied and supported effectively)</i>	A	10	0
6.4	Was breathing checked after immobilization ?	A	10	0
<b>PAGE 3 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey Page 2 (Possible 200)				

7.0	<b>HAND INJURIES</b>			
7.1	Were the amputated fingers recognized?	<b>A</b>	<b>10</b>	<b>0</b>
7.2	Did First Aider control the bleeding?	<b>A</b>	<b>10</b>	<b>0</b>
7.3	Were the hands effectively immobilized/elevated ?	<b>A</b>	<b>10</b>	<b>0</b>
7.4	Were the amputated fingers located and preserved?	<b>A</b>	<b>10</b>	<b>0</b>
7.5	Were the amputated fingers wrapped in a clean, moist dressing?	<b>A/S</b>	<b>10</b>	<b>0</b>
7.6	Were the amputated fingers sealed in a plastic bag?	<b>A</b>	<b>10</b>	<b>0</b>
7.7	Were the amputated fingers (in a plastic bag) placed in an additional plastic bag with something that could provide cold? ( <i>ice or cold pack</i> )	<b>A</b>	<b>10</b>	<b>0</b>
7.8	Was a note or tag provided with the amputated fingers providing a record of time and date.	<b>A</b>	<b>10</b>	<b>0</b>
8.0	<b>SHOCK AND GENERAL</b>			
8.1	Was casualty covered “over” to lessen shock ?	<b>A</b>	<b>10</b>	<b>0</b>
8.2	Was casualty covered “under” to lessen shock ?	<b>A</b>	<b>10</b>	<b>0</b>
8.3	Was casualty reassured ?	<b>A</b>	<b>10</b>	<b>0</b>
8.4	Was casualty reassured more than once ?	<b>A</b>	<b>10</b>	<b>0</b>
8.5	Was the casualty kept at rest throughout treatment?	<b>A</b>	<b>10</b>	<b>0</b>
8.6	Was Level of consciousness reassessed? ( <i>casualty remains semi-conscious and groggy</i> )	<b>A</b>	<b>10</b>	<b>0</b>
8.7	Was casualty’s temperature reassessed ? ( <i>cool to touch</i> )	<b>A</b>	<b>10</b>	<b>0</b>
8.8	Was casualty’s pulse reassessed ? ( <i>110 regular and weak.</i> )	<b>A</b>	<b>10</b>	<b>0</b>
8.9	Was casualty’s respirations reassessed ? ( <i>25 regular and shallow.</i> )	<b>A</b>	<b>10</b>	<b>0</b>
9.0	<b>Personal Protective Equipment</b>			
9.1	Were gloves worn for duration of scenario ?	<b>A</b>	<b>10</b>	<b>0</b>
9.2	Were gloves effective ? (Judges Note: torn gloves must be replaced.)	<b>A</b>	<b>10</b>	<b>0</b>
<b>PAGE 4 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey Page 3 (Possible 190)				



10.0	<b><i>Recording</i></b>			
10.1	Was the date and time recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.2	Was the patient's information recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.3	Was the First Aider's information recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.4	Was the initial 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>
10.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.6	Was the initial Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.7	Was the initial Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.8	Was the initial Skin Temperature recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.9	Was the time recorded when the casualty regained consciousness ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.10	Was incident history recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.11	Was the head injury recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.12	Was treatment for the head injury recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.13	Was the suspected neck injury recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.14	Was treatment for the suspected neck injury recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.15	Was the patient's feelings of nausea recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.16	Was the patient's history of epilepsy recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.17	Was the patient's history of being seizure-free for 5 years recorded?	<b>A</b>	<b>5</b>	<b>0</b>
10.18	Was the amputated fingers identified ?	<b>A</b>	<b>5</b>	<b>0</b>
10.19	Was treatment for the amputated fingers recorded ?	<b>A</b>	<b>5</b>	<b>0</b>
10.20	Did the First Aider record that the patient has no allergies.	<b>A</b>	<b>5</b>	<b>0</b>
10.21	Did the First Aider record that the patient had eaten recently ?	<b>A</b>	<b>5</b>	<b>0</b>
10.22	Was the reassessed 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>
10.23	Was the reassessed Respirations recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.24	Was the reassessed Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.25	Was the reassessed Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.26	Was the reassessed Skin Temperature recorded with time taken ? <i>(If no time recorded, then no mark.)</i>	<b>A</b>	<b>5</b>	<b>0</b>
10.27	Was the reassessed 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>
<b>PAGE 5 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey Page 4		(Possible 135)		