

**2001**

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

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

**INDIVIDUAL SCENARIO**

While touring through the Ontario Science Center, a young person was observed playing on an escalator, running up the downward moving escalator. A few minutes later this same person is found lying on the floor at the bottom of the escalator.

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

N.B.

There will be an announcement of times after the first 5 minutes and again at the final 2 minutes.

# 26th ANNUAL ONTARIO OPEN

## First Aid Competition

### JUDGE'S COPY OF SCENARIO INDIVIDUAL SCENARIO

While touring through the Ontario Science Center, a young person was observed playing on an escalator, running up the downward moving escalator. A few minutes later this same person is found lying on the floor at the bottom of the escalator.

N.B.

There will be an announcement of times after the first 5 minutes and again at the final 2 minutes.

Note:

INDIVIDUAL COMPETITION TO BE RUN FIRST.

### INJURIES

Casualty fell face forward onto the steps of the escalator and then was pushed to the bottom of the escalator by the movement of the escalator.

- Casualty is found lying on his/her back with one leg upwards with knee bent.
- Casualty fell face forward onto the steps of the escalator and then was pushed to the bottom of the escalator by the movement of the escalator.
- Fractured left Patella (knee cap) when falling down escalator.
- Pain and swelling of the knee.
- Casualty hit face on the front of the escalator steps. Small 3cm avulsion of skin on the forehead, person lying on their side blood flowing to the side of the face.

### CASUALTY PROMPTS

- Casualty is groggy and semi-conscious throughout the scenario.
- Casualty has pain from facial injuries.
- Casualty is lying on the floor, with one knee bent.
- Casualty is complaining of tingling in leg with pain in the knee.
- Casualty is unable to straighten injured leg.
- Casualty has an allergy to codeine.
- Casualty recently ate in the Science Center cafeteria.

### PROPS

- Moulage for avulsion on forehead
- Casualties are wearing tyvec coveralls.

### JUDGES' PROMPTS

Points given to simulating the activation of the emergency stop for the escalator.

The casualty ate recently in the cafeteria.

Casualty is nauseous from the blow to the head.

Casualty is pale and sweaty.

Casualty's respirations are 25, rapid and shallow throughout scenario

Casualty's pulse is 110 (rapid and weak) throughout scenario.

Casualty is conscious throughout scenario.

Casualty's pupils are equal, 4 mm and reactive.

Casualty's skin is cool and clammy throughout scenario.

First Aider must ask for help or state the head would be supported through application of C-Collar.

Casualty's leg is bent as found and cannot be straightened. To be splinted in position found.

FIRST AIDER MUST ASK IF THEY CAN STRAIGHTEN - CANNOT STRAIGHTEN LEG

Petal pulse must be checked before and after splinting of the leg.

Capillary re-fill or temperature may be used to check for distal circulation check.

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**Casualty Positioning**

**Individual Scenario**



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**Individual 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 340)

**Page 2, Secondary Survey Page 1, Sub-Total** \_\_\_\_\_

(Possible 250)

**Page 3, Secondary Survey Page 2, Sub-Total** \_\_\_\_\_

(Possible 240)

**Page 4, Secondary Survey Page 3, Sub-Total** \_\_\_\_\_

(Possible 115)

**Secondary Survey Points Total** \_\_\_\_\_

(Possible 605)

**Total Points Awarded**

Primary + Secondary Total (Possible 945)

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

<b>SCENE / PRIMARY SURVEY:</b> 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 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, readily available to call EMS and or traffic control only).</i>	S	20	0
1.4	Were hazards assessed ?	S	20	0
1.5	Did First Aider make an effort to control the hazards? <i>(stop the escalator using the emergency stop button)</i>	S	20	0
1.6	Did First Aider put on protective gloves? <i>(vinyl, latex, Playtex, etc; must actually be worn to receive marks)</i>	A	20	0
1.7	Did First Aider determine if there are other casualties ?	S	20	0
1.8	Did First Aider determine/state the mechanism of injury ?	A/S	20	0
1.9	Did First Aider assess responsiveness? <i>(level of consciousness casualty is semi-conscious and groggy and reports feeling nauseous from blow to head)</i>	A/S	20	0
1.10	Did First Aider activate EMS, <i>(911, Fire Police Ambulance; by-stander available to do this)</i>	A/S	20	0
1.11	Was request for ambulance specified?	S	20	0
1.12	Was location of incident specified to 911 (Science Center)	S	20	0
1.13	Did First Aider assess airway? <i>(Casualty is semi-conscious and able to tell).</i>	A/S	20	0
1.14	Did First Aider assess breathing? <i>(Respirations rapid, shallow) (25).</i>	A/S	20	0
1.15	Did First Aider assess pulse ? <i>(present, rapid; weak) (110)</i>	A/S	20	0
1.16	Did First Aider perform a rapid body survey?	A/S	20	0
1.17	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 340)		

<b>SECONDARY SURVEY:</b> Actions in this section may be performed by the competitor in the first 5 minutes of the scenario as well as the <b>Primary Survey</b> . After the 5 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 ask bystanders if they know casualty? <i>(none do)</i>	S	10	0
2.2	Did the First Aider check for a medical alert device ? <i>(bracelet, necklace etc.) (none)</i>	A/S	10	0
2.3	Did the First Aider ask casualty about any allergies ? <i>(allergy to codeine.)</i>	S	10	0
2.4	Did the First Aider ask casualty if he/she had eaten ? <i>(ate recently in the cafeteria.)</i>	S	10	0
2.5	Did First Aider ask bystanders how the incident happened? <i>(he/she fell down the escalator).</i>	S	10	0
3.0	<b>Casualty's Vital Signs Assessment</b>			
3.1	Did First Aider determine Level of Consciousness ? <i>(casualty is semi-conscious and groggy)</i>	A	10	0
3.2.	Did First Aider assess Respirations ? <i>(correct to 25 and shallow.)</i>	A	10	0
3.3	Did First Aider assess Pulse ? <i>(carotid or radial OK.)</i> <i>(correct to 110 and weak.)</i>	A	10	0
3.4	Did First Aider assess Skin Condition ? <i>(correct to pale and sweaty)</i>	A/S	10	0
3.5	Did First Aider check Skin Temperature ? <i>(OK by palpation.) (correct to cool to touch)</i>	A	10	0
4.0	<b>Casualty - Head to Toe Assessment</b>			
4.1	check scalp ? <i>(avulsion on forehead)</i>	A	10	0
4.2	check eyes ? <i>(pupils equal, 4mm and reacts to light)</i>	A	10	0
4.3	check nose ?	A	10	0
4.4	check mouth ?	A	10	0
4.5	check jaw ?	A	10	0
4.6	check ears ?	A	10	0
4.7	check neck ?	A	10	0
4.8	check collarbones ?	A	10	0
4.9	check shoulders ?	A	10	0
4.10	check arms/hands ?	A	10	0
4.11	check chest ?	A	10	0
4.12	check abdomen ?	A	10	0
4.13	check back ?	A	10	0
4.14	check pelvis ?	A	10	0
4.15	Check both legs ? <i>(left leg bent and cannot straighten Left knee showing bruised and swollen)(patella is broken)</i>	A	10	0
4.16	check both ankles and feet ?	A	10	0
<b>PAGE 2 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey Page 1		(Possible 250)		

5.0	<b>HEAD INJURY</b>			
5.1	Was the cut/avulsion on the forehead recognized ?	A/S	10	0
5.2	Was an appropriate dressing applied ?	A	10	0
5.3	Was appropriate bandaging applied ?	A	10	0
5.4	Was a "C-collar" applied effectively? <i>(improvised or professional (collar.))</i>	A	10	0
5.5	Did First Aider request help or state they would support the casualty's head through the time the collar was applied ?	S	20	0
5.6	Was breathing checked after collar was applied ?	A	10	0
6.0	<b>FRACTURED LEFT KNEE</b>			
6.1	Was circulation below the fracture assessed?	A	10	0
6.2	Did First Aider ask if casualty is able to straighten the leg?	A	10	0
6.3	Was support applied during splinting?	A	10	0
6.4	Was the leg effectively immobilized ? <i>(without straightening)</i> <i>(Any effective method is OK: Speed splint; board, etc.)</i>	A	10	0
6.5	Were bandages used to immobilize the leg checked for tightness?	A	10	0
6.6	Was cold applied to the injured limb?	A	10	0
6.7	Was circulation below the fracture assessed after splinting ?	A	10	0
7.0	<b>SHOCK AND GENERAL</b>			
7.1	Was casualty covered "over" to lessen shock ?	A	10	0
7.2	Was casualty covered "under" to lessen shock ?	A	10	0
7.3	Was casualty reassured ?	A	10	0
7.4	Was casualty reassured more than once ?	A	10	0
7.5	Was Level of consciousness reassessed? <i>(casualty remains semi-conscious and groggy)</i>	A	10	0
7.6	Was casualty's temperature reassessed ? <i>(cool to touch)</i>	A	10	0
7.7	Was casualty's pulse reassessed ? <i>(110 and weak.)</i>	A	10	0
7.8	Was casualty's respirations reassessed ? <i>(25 and shallow.)</i>	A	10	0
8.0	<b>Personal Protective Equipment</b>			
8.1	Were gloves worn for duration of scenario ?	A	10	0
8.2	Were gloves effective ? <i>(Judges Note: torn gloves must be replaced.)</i>	A	10	0
<b>PAGE 3 SUB-TOTAL POINTS AWARDED</b>				
Secondary Survey Page 2		(Possible 240)		

11.0	<b>Recording</b>			
11.1	Was the date and time recorded ?	A	5	0
11.2	Was the patient's information recorded ?	A	5	0
11.3	Was the First Aider's information recorded ?	A	5	0
11.4	Was the initial Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.5	Was the initial Respirations recorded with the time taken? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.6	Was the initial Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.7	Was the initial Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.8	Was the initial Skin Temperature recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.9	Was incident history recorded ?	A	5	0
11.10	Was the head injury recorded ?	A	5	0
11.11	Was treatment for the head injury recorded ?	A	5	0
11.12	Was the suspected neck injury recorded ?	A	5	0
11.13	Was treatment for the suspected neck injury recorded ?	A	5	0
11.14	Was the fractured left Patella identified ?	A	5	0
11.15	Was treatment for the fractured left Patella recorded ?	A	5	0
11.16	Was the patient's allergy to codeine recorded ?	A	5	0
11.17	Did the First Aider record that the patient had eaten recently ?	A	5	0
11.18	Was the reassessed Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.19	Was the reassessed Respirations recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.20	Was the reassessed Pulse recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.21	Was the reassessed Skin Condition recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.22	Was the reassessed Skin Temperature recorded with time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0
11.23	Was the reassessed Level of Consciousness recorded with the time taken ? <i>(If no time recorded, then no mark.)</i>	A	5	0

**PAGE 4 SUB-TOTAL POINTS AWARDED**

Secondary Survey Page 3

(Possible 115)

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