

ONTARIO

**BRIGADE ADVANCED OPEN
PATIENT CARE COMPETITION**

SCENARIO # 2

FEBRUARY 10, 2001

**Judges: Team Problem is last sheet, page 12
please tear off and give to the team at the ambulance station
5 minutes before the start of competition**

2001 BRIGADE ADVANCED OPEN PATIENT CARE COMPETITION

SCENARIO # 2

TEAM NAME _____

TEAM CAPTAIN'S NAME _____

JUDGE # 1 _____

JUDGE # 2 _____

JUDGE # 3 _____

JUDGE # 4 _____

SCENE SURVEY POINTS	Page 4 (items 01 – 10)	(100)	Sub Total _____
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Patient # 1			
PRIMARY SURVEY POINTS	Page 5 (items 11 - 23)	(290)	Total _____
TRANS / DOCUMENTATION	Page 6 (items 24 - 47)	(380)	Total _____
		(possible 670)	Sub Total _____

Patient # 2			
PRIMARY SURVEY POINTS	Page 7 (items 48 - 58)	(200)	Total _____
SECONDARY SURVEY	Page 8 (items 59 - 80)	(134)	Total _____
SECONDARY SURVEY	Page 9 (items 81 - 102)	(170)	Total _____
SECONDARY SURVEY	Page 10 (items 103 - 124)	(180)	Total _____
DOCUMENTATION	Page 11 (items 125 – 136)	(60)	Total _____
		(possible 744)	Sub Total _____

TOTAL POINTS AWARDED			
Scene Survey, Patient # 1, Patient # 2		(possible 1514)	_____

Judges, Timekeeper, Simulator copy of Scenario

(please make extra copies for the timekeeper and simulators)

Team Scenario # 2

The local volunteer ambulance service is very short of staff due to work commitments, vacations and illness. Only one driver, who has yet to receive first aid certification, is available for the afternoon shift.

Your St. John Ambulance Division has been asked to provide a vehicle and crew as well as a crew for the volunteer service driver.

You are located in a small town. The community hospital is only about 8 or 9 minutes away from any point in town.

Good Luck!! You have 20 minutes to complete the scenario from the time you arrive on the scene.

Note: There will be a time announcement after the first 5 minutes and again at the final 2 minutes. All physical activity will cease on the final whistle. You will have 5 minutes to complete your documentation

JUDGES, TIMEKEEPER and SIMULATOR OVERVIEW

TIME KEEPER

Radio the Ambulance station and report that a lady has collapsed in the basement of the apartment building at 4330 Dufferin Street.

Time will start when the first ambulance stops at the scene. Give a time announcement at 5 minutes. Give a 2nd time announcement "2 minutes remaining" at 18 minutes and a 3rd announcement at 20 minutes that "all activity must stop" and the "team has 5 minutes to complete documentation". At 25 minutes give the final announcement that the documentation must be given to the judges.

OVERVIEW

A boy has just returned from a walk with his grandmother. They have just entered the basement of her apartment building when she suffers a cardiac arrest. In his attempt to catch his grandmother he trips over her crutches and fractures his right arm.

JUDGES INFORMATION – The team is supposed to recognize this as a load and go situation and perform CPR on the way to the hospital. The volunteer driver of the 2nd ambulance may assist in non medical matters only.

PATIENT # 1

No Response, vital signs absent, airway obstructed with vomit

PATIENT # 2

VITAL SIGNS

PRIMARY (1st set)

SECONDARY (2nd set)

LOC

Conscious, feels faint
If O2 not given

alert, oriented *if O2 given*

PULSE

100 weak/regular

86 strong/regular

RESPIRATIONS

24 shallow/regular

18 shallow/regular

SKIN/TEMP.

Pale cool moist

Pale cool moist

PUPILS

5mm, equal & reactive

5mm, equal & reactive

BLOOD PRESSURE 100/70

110/80

INJURIES and SIMULATION

PATIENT # 1

CPR FULL TORSO MANIKIN dressed in casual clothing

- No vital signs
- Airway obstructed with vomit
- Shock appearance: pale, cold, clammy

PATIENT # 2

- Fracture: Right Radius, open mid shaft, bone protruding with moderate bleeding, beneath long sleeve shirt)
- No medical conditions past or present, no known allergies

CASUALTY PROMPTS

PATIENT # 1

- No response

PATIENT # 2

- Responds readily to verbal communication with patient care providers.
- Pain to right forearm, you are holding your right arm trying to protect the injury, painful if touched
- You feel faint from seeing your injury, You feel better if oxygen given
- You are concerned about your grandmothers condition
- No medical conditions or allergies
- Your last meal was lunch about 2 hours ago
- *If asked* - You were just coming back from a walk with your grandmother when she suddenly cried out in pain and dropped her crutches. You tried to catch her as she was falling to the ground. That's when you slipped on the crutches and fell injuring your arm.
- Your grandmother has had a heart condition for several years and has had to use crutches since she suffered a stroke last year.

PROPS

- Simulation to injured areas
- Full torso Resusci Anne dressed in casual clothing
- Crutches

PRIMARY SURVEY**(IMMEDIATE ACTIONS)**

To be completed in 5 (five) minutes, no further marks awarded in this section after 5 minutes.

PATIENT # 1 (CPR Manikin)

011	Did the team assess Responsiveness? (<i>no response</i>)	A	20	0
012	Did the team assess Airway? (<i>vomit</i>)	A	20	0
013	Did the team assess Breathing? (<i>absent</i>)	A	20	0
014	Did the team clear the airway? (<i>suction, wipe away, etc</i>)	A	20	0
015	Did the team insert an oropharyngeal airway?	A	20	0
016	Did the team measure the airway for proper size?	A	20	0
017	Did the team ventilate the lungs twice? (<i>chest rises</i>)	A	20	0
018	Did the team use protective barrier? (<i>face shield, mask, etc.</i>)	A	20	0
019	Did the team check the carotid pulse? (<i>no pulse</i>)	A	20	0
020	Did the team start CPR? (<i>chest compressions, ventilations</i>)	A	20	0
021	Were the compressions and ventilations effective?	A	20	0
022	Did the team recheck the pulse after 1 minute?	A	20	0
023	Did the team recognize this as load and go? (<i>must load and go</i>)	A	50	0

Actions in this section may be performed by the competitors at any time including the Primary Survey. But, after the first 5 minutes this is the only section that points will be awarded.

PATIENT # 1

TRANSPORTATION

024	Was CPR continued during loading preparations?	A	20	0
025	Was the backboard properly placed before loading?	A	10	0
026	Was patient transfer to the backboard well coordinated?	A	10	0
027	Was the patient properly placed on the backboard?	A	10	0
028	Did the team effectively secure the patient to the backboard?	A	10	0
029	Was the backboard effectively secured to the ambulance cot?	A	10	0
030	Was CPR performed during movement to the ambulance?	A	20	0
031	Was CPR continued after loading into the ambulance?	A	20	0
032	Was the pulse reassessed? (<i>no pulse</i>)	A	20	0
033	Was supplemental oxygen used? (<i>connected, not turned on</i>)	A/S	20	0
034	Was hospital notified by radio of VSA patient?	A/S	20	0
035	Was CPR continuous during transport to the hospital?	A	50	0
036	Was CPR continued until turnover to emergency staff?	A	20	0

DOCUMENTATION

037	Was the date and time of the incident recorded?	A	10	0
038	Was the Patient's name recorded? (<i>available from Patient # 2</i>)	A	10	0
039	Was the history of the incident recorded?	A	20	0
040	Was the Level of Consciousness recorded?	A	10	0
041	Were the Vital Signs and time recorded? (<i>VSA</i>)	A	20	0
042	Was the treatment recorded?	A	20	0
043	Was the transport departure time recorded?	A	10	0
044	Was the transport arrival time at the scene recorded?	A	10	0
045	Was the transport departure time from the scene recorded?	A	10	0
046	Was the transport arrival time at the hospital recorded?	A	10	0
047	Was the team member names and signatures recorded?	A	10	0

PRIMARY SURVEY**(IMMEDIATE ACTIONS)**

To be completed in 5 (five) minutes, no further marks awarded in this section after 5 minutes.

PATIENT # 2

048	Did the team assess Responsiveness? (<i>conscious, feels faint</i>)	A	20	0
049	Did the team assess Airway? (<i>present, patient can speak</i>)	A	20	0
050	Did the team assess Breathing (<i>shallow and regular</i>)	A	20	0
051	Did the team assess the casualty's skin condition (<i>cool, moist</i>)	A	10	0
052	Did the team perform a rapid body survey?	A	20	0
053	Did the team discover the open wound? (<i>right forearm</i>)	A	20	0
054	Did the team expose the wound?	A	20	0
055	Did the team control the bleeding? (<i>direct pressure along side</i>)	A	20	0
056	Did the team suspect a fractured radius (<i>pain, bone protruding</i>)	S	10	0
057	Did the team/patient steady and support the fracture?	A	20	0
058	Did the team give oxygen via a NRB @ 12 – 15 lpm?	A/S	20	0

SECONDARY SURVEY: *Actions in this section may be performed at any time including the Primary Survey. But, after the first 5 minutes this is the only section that points will be awarded.*

PATIENT # 2

HISTORY AND MEDICAL CONDITION

059	Did the team ask about symptoms? (<i>pain right arm, feels faint</i>)	A	10	0
060	Did the team ask about allergies? (<i>none</i>)	A	10	0
061	Did the team ask about medications? (<i>none</i>)	A	10	0
062	Did the team ask about medical history? (<i>none</i>)	A	10	0
063	Did the team ask about last meal? (<i>lunch 2 hours ago</i>)	A	10	0
064	Did the team ask what happened? (<i>fell trying to catch grandma</i>)	A	10	0

VITAL SIGNS ASSESSMENT - first set

065	Level of consciousness? (<i>conscious, feel faint if O2 not given</i>)	A/S	10	0
066	Pulse - radial or carotid? (<i>100, weak and regular</i>)	A/S	10	0
067	Respirations (<i>24 shallow and regular</i>)	A/S	10	0
068	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0
069	Pupils? (<i>5mm, equal and reactive</i>)	A/S	10	0
070	Blood Pressure? (<i>100/70</i>)	A/S	10	0

HEAD TO TOE ASSESSMENT

**** see item 91**

(The team is expected to do a secondary only for the injured area)

071	Check the skull? (<i>no injury</i>)	A	1	0
072	Check the face? (<i>no injury</i>)	A	1	0
073	Check the eyes? (<i>no injury, both equal and reactive</i>)	A	1	0
074	Check the ears? (<i>no injury</i>)	A	1	0
075	Check the nose? (<i>no injury</i>)	A	1	0
076	Check the mouth? (<i>no injury or odor</i>)	A/S	1	0
077	Check the neck? (<i>no injury</i>)	A	1	0
078	Check the left collarbone? (<i>no injury</i>)	A	1	0
079	Check the right collarbone (<i>no injury</i>)	** A	5	0
080	Check the left shoulder? (<i>no injury</i>)	A	1	0

HEAD TO TOE ASSESSMENT continued**** see item 91***(The team is expected to do a secondary only for the injured area)*

081	Check the right shoulder? (no injury)	** A	5	0
082	Check the left arm and hand? (no injury, full sensation)	A	1	0
083	Check the right arm and hand? (fractured radius)** <u>Chief Complaint</u>	A	20	0
084	Check the chest? (no injury)	A	1	0
085	Check the pelvis and/or buttocks? (no injury)	A	1	0
086	Check the back? (no injury, full sensation)	A	1	0
087	Check the left leg and ankle? (no injury, full sensation)	A	1	0
088	Check the left foot? (no injury, full sensation)	A	1	0
089	Check the right leg and ankle? (no injury, full sensation)	A	1	0
090	Check the right foot? (no injury, full sensation)	A	1	0
091	Did the team do secondary for chief complaint Item 83 only?	A	50	0
<i>may be awarded extra marks for ** items only if this mark is used for head to toe, do not award other marks</i>				

TREATMENT

092	Did the team give or continue O2 via a NRB @ 12 – 15 lpm	A	20	0
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Fractured Radius

093	Did the team/patient continue to steady and support the arm?	A	10	0
094	Did the team continue to control bleeding during treatment?	A/S	10	0
095	Did the team check the distal circulation? (before) (present)	A/S	5	0
096	Did the team place sterile dressings?	A	5	0
097	Did the team build up padding on both sides of the fracture?	A	5	0
098	Did the team bandage the bleeding area effectively?	A	10	0
099	Did the team immobilize the arm? (splints, bandages, etc.)	A	10	0
100	Was the forearm supported from the elbow to fingertips?	A	5	0
101	Did the team recheck the distal circulation? (after) (present)	A/S	5	0
102	Was the complete immobilization effective?	A	10	0

TRANSPORTATION

103	Did the team explain to the patient about transporting	A/S	10	0
104	Was the patient transported in a comfortable position?	A/S	10	0
105	Was the hospital notified by radio?	A/S	10	0
106	Were the crutches collected and transported?	A/S	10	0

VITAL SIGNS ASSESSMENT - second set

107	Level of consciousness? (<i>conscious, alert and oriented if O2 given</i>)	A/S	10	0
108	Pulse - radial or carotid? (<i>86, strong and regular</i>)	A/S	10	0
109	Respirations (<i>18, shallow and regular</i>)	A/S	10	0
110	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0
111	Pupils? (<i>5mm, equal and reactive</i>)	A/S	10	0
112	Blood Pressure? (<i>110/80</i>)	A/S	10	0

SHOCK AND GENERAL

113	Was the patient covered to lessen shock? (<i>blanket, etc.</i>)	A	10	0
114	Was the patient reassured?	A/S	10	0
115	Was the patient reassured more than once?	A/S	10	0
116	Were gloves effective throughout the scenario? (<i>not torn?</i>)	A	10	0

DOCUMENTATION

117	Was the date and time of the incident recorded?	A	5	0
118	Was the Patient's name recorded?	A	5	0
119	Was the Level of Consciousness recorded?	A	5	0
120	Was the Blood Pressure and time recorded? (<i>1st set</i>)	A	5	0
121	Was the Pulse and time recorded? (<i>1st set</i>)	A	5	0
122	Were the Respirations and time recorded? (<i>1st set</i>)	A	5	0
123	Was the Temperature and time recorded? (<i>1st set</i>)	A	5	0
124	Were the Pupils and time recorded? (<i>1st set</i>)	A	5	0

DOCUMENTATION continued

125	Was the Blood Pressure and time recorded? (2nd set)	A	5	0
126	Was the Pulse and time recorded? (2nd set)	A	5	0
127	Were the Respirations and time recorded? (2nd set)	A	5	0
128	Was the Temperature and time recorded? (2nd set)	A	5	0
129	Were the Pupils and time recorded? (2nd set)	A	5	0
130	Was the fractured radius recorded?	A	5	0
131	Was the treatment of the fracture recorded?	A	5	0
132	Was the transport departure time recorded?	A	5	0
133	Was the transport arrival time at the scene recorded?	A	5	0
134	Was the transport departure time from the scene recorded?	A	5	0
135	Was the transport arrival time at the hospital recorded?	A	5	0
136	Was the team member names and signatures recorded?	A	5	0

JUDGES

**Detach this page, and give it to the team at the
ambulance station
5 minutes before the start of competition**

TEAM SCENARIO # 2

The local volunteer ambulance service is very short of staff due to work commitments, vacations and illness. Only one driver, who has yet to receive first aid certification, is available for the afternoon shift.

Your St. John Ambulance Division has been asked to provide a vehicle and crew as well as a crew for the volunteer service driver.

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Good Luck!! You have 20 minutes to complete the scenario from the time you arrive on the scene.

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You will have 5 minutes to complete your documentation after the whistle