

ONTARIO

**BRIGADE ADVANCED OPEN
PATIENT CARE COMPETITION**

SCENARIO # 1

FEBRUARY 10, 2001

**Judges: Team Problem is last sheet, page 14,
please tear off and give to the team 2 minutes before the start of
competition**

2001 BRIGADE ADVANCED OPEN PATIENT CARE COMPETITION

SCENARIO # 1

TEAM NAME _____

TEAM CAPTAIN'S NAME _____

JUDGE # 1 _____

JUDGE # 2 _____

JUDGE # 3 _____

JUDGE # 4 _____

SCENE SURVEY POINTS	Page 4 (items 01 – 09)	(100)	Sub Total	_____
----------------------------	-------------------------------	-------	------------------	-------

Patient # 1				
PRIMARY SURVEY POINTS	Page 5 (items 10 - 27)	(300)	Total	_____
SECONDARY SURVEY	Page 6 (items 28 - 54)	(195)	Total	_____
SECONDARY SURVEY	Page 7 (items 55 - 79)	(240)	Total	_____
SECONDARY SURVEY	Page 8 (items 80 - 100)	(170)	Total	_____
DOCUMENTATION	Page 9 (items 101 - 111)	(70)	Total	_____
		(possible 975)	Sub Total	_____

Patient # 2				
PRIMARY SURVEY POINTS	Page 10 (items 112 - 121)	(180)	Total	_____
SECONDARY SURVEY	Page 11 (items 122 - 145)	(180)	Total	_____
SECONDARY SURVEY	Page 12 (items 146 - 171)	(220)	Total	_____
SECONDARY SURVEY	Page 13 (items 172 - 193)	(130)	Total	_____
		(possible 710)	Sub Total	_____

TOTAL POINTS AWARDED				
Scene survey + Patient # 1+ Patient # 2		(possible 1785)		_____

Judges, Timekeeper, Simulator copy of Scenario

(please make extra copies for the timekeeper and simulators)

Team Scenario # 1

Your Division has been on duty for an open house at the new rural township maintenance shop. You are about to leave when you receive a call that someone has been injured in the garage.

There is no local ambulance service and the community hospital is about 35 minutes away.

Good Luck!! You have 25 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

Time will start when the first team member arrives at the scene. Give a time announcement at 5 minutes. Give a 2nd time announcement "2 minutes remaining" at 23 minutes and a 3rd announcement at 25 minutes that "all activity must stop" and the "team has 5 minutes to complete documentation". At 30 minutes give the final announcement that the documentation must be given to the judges.

OVERVIEW

Two workmen have been putting tables from the open house away when one of the workmen suffers an angina attack while carrying the tables upstairs. The tables fall injuring the other workman who is helping.

JUDGES INFORMATION – The team may continue treatment in the ambulance until the final whistle. The ambulance will not move from the site.

PATIENT # 1

<u>VITAL SIGNS</u>	<u>PRIMARY (1st set)</u>	<u>SECONDARY (2nd set)</u>
LOC	Conscious, alert, oriented	alert, oriented
PULSE	100 strong/regular	80 strong/regular
RESPIRATIONS	24 labored/regular	20 heavy/regular
SKIN/TEMP.	Pale cool moist	Pale cool moist
PUPILS	5mm, equal & reactive	5mm, equal & reactive
BLOOD PRESSURE	150/90	140/85

PATIENT # 2

<u>VITAL SIGNS</u>	<u>PRIMARY (1st set)</u>	<u>SECONDARY (2nd set)</u>
LOC	Conscious, alert, oriented	alert, oriented
PULSE	82 strong/regular	78 strong/regular
RESPIRATIONS	18 shallow/regular	18 shallow/regular
SKIN/TEMP.	Pale cool moist	Pale cool moist
PUPILS	5mm, equal & reactive	5mm, equal & reactive
BLOOD PRESSURE	120/80	120/80

INJURIES and SIMULATION

PATIENT # 1

Workman dressed in work clothes, work boots, hardhat, tool pouch

- Chest pains (*angina*)
- Closed fracture right femur
- Shock appearance: pale, cold, clammy
- History of angina, carries nitro and ASA, takes Pravachol for high cholesterol, but not carried

PATIENT # 2

Workman dressed in work clothes

- 3 inch cut to the forehead, moderate bleeding running down the face
- Closed fracture left humerus
- Shock appearance: pale, cold, clammy
- No medical conditions past or present, no known allergies

CASUALTY PROMPTS

PATIENT # 1

- Responds readily to verbal communication with patient care providers.
- You are gasping for air because of the chest pains until you are given medication or oxygen.
- You have a history of angina and have been able to control it with nitro. You carry nitro and ASA and take Pravachol for high cholesterol.
- Your last meal was about 4 hours ago.
- You and your partner were carrying tables upstairs when you got a sharp pain in your chest. You dropped the tables and heard your leg snap as you fell down the stairs

PATIENT # 2

- Responds readily to verbal communication with patient care providers.
- Pain to forehead and left upper arm
- No medical conditions or allergies
- Your last meal was lunch about 4 hours ago
- You were helping your partner carry the tables upstairs when he suddenly dropped the tables and you fell down the stairs.

PROPS

- Simulation to injured areas
- Stairway, folding tables, hard hats, tool pouch

Assist the team with prompting if patient does not respond appropriately.

Please check the patient simulation and patient's position for accuracy. Ensure the patient knows what cues you will be using for any changes in his/her condition.

A = Action S = Statement () = Further information

SCENE SURVEY

(IMMEDIATE ACTIONS)

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

001	Did the team take charge of the scene?	A/S	10	0
002	Did the team take stretcher and backboard to the scene?	A	10	0
003	Did the team take O2 equipment to the scene?	A	10	0
004	Did the team determine the number of casualties? (two)	A/S	10	0
005	Did the team identify and remove hazards? (tables)	A/S	20	0
006	Did the team wear protective gloves? (all members)	A	10	0
007	Did the Team warn the Patients not to move?	A/S	10	0
008	Did Patient Care Providers identify themselves?	A/S	10	0
009	Did Patient Care Providers obtain consent to help?	A/S	10	0

PRIMARY SURVEY**(IMMEDIATE ACTIONS)**

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

PATIENT # 1

010	Did the team assess Responsiveness? (<i>conscious, in pain</i>)	A	20	0
011	Did the team assess Airway? (<i>present, patient can speak</i>)	A	20	0
012	Did the team assess Breathing (<i>gasping from the pain</i>)	A	20	0
013	Did the team assess the casualty's skin condition (<i>cool, moist</i>)	A	10	0
014	Did the team do C- Spine control? (<i>no injury, precaution only</i>)	A	20	0
015	Did the team perform a rapid body survey?	A	20	0
016	Did the team discover the fracture area? (<i>right femur</i>)	A	20	0
017	Did the team suspect a fractured femur (<i>pain, swelling</i>)	S	10	0
018	Did the team steady and support the fracture?	A	20	0
019	Did the team recognize the chest pain as angina? (<i>patient info</i>)	A/S	20	0
020	Did the team ask if the patient had medication? (<i>nitro, ASA</i>)	A	10	0
021	Did the team get permission to assist with medication?	A	10	0
022	Did the team assist the patient with the nitro tablet?	A	20	0
023	Did the team check the 5 rights?	A/S	10	0
024	Did the team recommend that the patient take ASA?	A	20	0
025	Did the team ask if patient is allergic to ASA? (<i>not allergic</i>)	A	10	0
026	Did the team assist the patient to take ASA?	A	20	0
027	Did the team give oxygen via a NRB @ 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 # 1

028	Did the team ask about symptoms? (<i>pain, chest, right thigh</i>)	A	10	0
029	Did the team ask about allergies? (<i>none</i>)	A	10	0
030	Did the team ask about medications? (<i>nitro, ASA, Pravachol</i>)	A	10	0
031	Did the team ask about medical history? (<i>angina, high cholesterol</i>)	A	10	0
032	Did the team ask about last meal? (<i>lunch 4 hours ago</i>)	A	10	0
033	Did the team ask what happened? (<i>chest pain, fell, dropped table</i>)	A	10	0

VITAL SIGNS ASSESSMENT - first set

034	Level of consciousness? (<i>conscious, alert, oriented</i>)	A/S	10	0
035	Pulse - radial or carotid? (<i>100, strong and regular</i>)	A/S	10	0
036	Respirations (<i>24, labored, regular</i>)	A/S	10	0
037	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0
038	Pupils? (<i>5mm, equal and reactive</i>)	A/S	10	0
039	Blood Pressure? (<i>150/90</i>)	A/S	10	0

HEAD TO TOE ASSESSMENT

040	Check the skull? (<i>no injury</i>)	A	5	0
041	Check the face? (<i>no injury</i>)	A	5	0
042	Check the eyes? (<i>no injury, both equal and reactive</i>)	A	5	0
043	Check the ears? (<i>no injury</i>)	A	5	0
044	Check the nose? (<i>no injury</i>)	A	5	0
045	Check the mouth? (<i>no injury or odor</i>)	A/S	5	0
046	Check the neck? (<i>no injury</i>)	A	5	0
047	Check the left collarbone? (<i>no injury</i>)	A	5	0
048	Check the right collarbone (<i>no injury</i>)	A	5	0
049	Check the left shoulder? (<i>no injury</i>)	A	5	0
050	Check the right shoulder? (<i>no injury</i>)	A	5	0
051	Check the left arm and hand? (<i>no injury, full sensation</i>)	A	5	0
052	Check the right arm and hand? (<i>no injury</i>)	A	5	0
053	Check the chest? (<i>no injury, pain from angina reduced if meds given</i>)	A	5	0
054	Auscultate both sides of the chest? (<i>both equal, no injury</i>)	A	5	0

HEAD TO TOE ASSESSMENT continued

055	Check the abdomen, all 4 quadrants? <i>(no injury)</i>	A	5	0
056	Check the pelvis and buttocks? <i>(no injury)</i>	A	5	0
057	Check the back? <i>(no injury, full sensation)</i>	A	5	0
058	Check the left leg and ankle? <i>(no injury, full sensation)</i>	A	5	0
059	Check the left foot? <i>(no injury, full sensation)</i>	A	5	0
060	Check the right thigh? <i>(fractured femur)</i>	A	5	0
061	Check the right lower leg and ankle? <i>(no injury, full sensation)</i>	A	5	0
062	Check the right foot? <i>(no injury, full sensation)</i>	A	5	0

TREATMENT

063	Did the team give or continue O2 via a NRB @ 15 lpm	A	20	0
064	Did the team check pain relief from medication? <i>(still some pain)</i>	A	20	0
065	Did the team give a second nitro? <i>(5-10 minutes after 1st one)</i>	A	20	0

Fractured Femur

066	Did the team continue to steady and support the leg?	A	10	0
067	Did the team check the distal circulation? <i>(before) (present)</i>	A/S	10	0
068	Did the team immobilize the leg? <i>(splints, bandages,, etc.)</i>	A	10	0
069	Was the leg supported from the pelvis to the foot?	A	10	0
070	Did the team recheck the distal circulation? <i>(after) (present)</i>	A/S	10	0
071	Was the complete immobilization effective?	A	10	0
072	Did the team place the patient on a backboard?	A	10	0
073	Did the team check spine when moving to backboard <i>(no injury)</i>	A	10	0
074	Was the patient transfer to backboard well coordinated?	A	10	0
075	Was the patient effectively secured to the backboard?	A	10	0
076	Did the team evacuate the patient from the accident site?	A	10	0
077	Did the team load the patient into the ambulance?	A	10	0
078	Was the backboard and patient secured for transport?	A	10	0
079	Did the team recheck the femur immobilization & circulation?	A/S	10	0

Judges Note: The Team may continue treatment in the ambulance until the final whistle.

VITAL SIGNS ASSESSMENT - second set

080	Level of consciousness? (<i>conscious, alert and oriented</i>)	A/S	10	0
081	Pulse - radial or carotid? (<i>86, strong and regular</i>)	A/S	10	0
082	Respirations (<i>20, heavy and regular</i>)	A/S	10	0
083	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0
084	Pupils? (<i>5mm, equal and reactive</i>)	A/S	10	0
085	Blood Pressure? (<i>140/85</i>)	A/S	10	0

SHOCK AND GENERAL

086	Was the patient covered? (<i>blanket, etc.</i>)	A	10	0
087	Was the patient reassured?	A/S	10	0
088	Was the patient reassured more than once?	A/S	10	0
089	Was the patient checked for pain relief from 2 nd nitro? (<i>relieved</i>)	A/S	10	0
090	Was the patient continually monitored?	A/S	10	0
091	Were gloves effective throughout the scenario? (<i>not torn?</i>)	A	10	0

DOCUMENTATION

092	Was the date and time of the incident recorded?	A	5	0
093	Was the history of the incident recorded?	A	10	0
094	Was the Patient's name recorded?	A	5	0
095	Was the Level of Consciousness recorded?	A	5	0
096	Was the Blood Pressure and time recorded? (<i>1st set</i>)	A	5	0
097	Was the Pulse and time recorded? (<i>1st set</i>)	A	5	0
098	Were the Respirations and time recorded? (<i>1st set</i>)	A	5	0
099	Was the Temperature and time recorded? (<i>1st set</i>)	A	5	0
100	Were the Pupils and time recorded? (<i>1st set</i>)	A	5	0

DOCUMENTATION continued

101	Was the Blood Pressure and time recorded? (2nd set)	A	5	0
102	Was the Pulse and time recorded? (2nd set)	A	5	0
103	Were the Respirations and time recorded? (2nd set)	A	5	0
104	Was the Temperature and time recorded? (2nd set)	A	5	0
105	Were the Pupils and time recorded? (2nd set)	A	5	0
106	Was the fractured femur recorded?	A	5	0
107	Was the treatment of the fracture recorded?	A	5	0
108	Was the 1st nitro, time and result recorded?	A/S	10	0
109	Was the administration and time of ASA recorded?	A/S	10	0
110	Was the 2nd nitro, time and result recorded?	A/S	10	0
111	Was the team member names and signatures recorded?	A	5	0

PRIMARY SURVEY**(IMMEDIATE ACTIONS)**

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

PATIENT # 2

112	Did the team assess Responsiveness? (<i>conscious, alert oriented</i>)	A	20	0
113	Did the team assess Airway? (<i>present, patient can speak</i>)	A	20	0
114	Did the team assess Breathing (<i>shallow and regular</i>)	A	20	0
115	Did the team assess the casualty's skin condition (<i>cool, moist</i>)	A	10	0
116	Did the team perform a rapid body survey?	A	20	0
117	Did the team find the wound on the forehead?	A	20	0
118	Did the team control the bleeding? (<i>direct pressure</i>)	A	20	0
119	Did the team discover the fracture area? (<i>left humerus</i>)	A	20	0
120	Did the team suspect a fractured humerus (<i>pain, swelling</i>)	S	10	0
121	Did the team/patient steady and support the fracture?	A	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

122	Did the team ask about symptoms? (<i>pain, forehead, left arm</i>)	A	10	0
123	Did the team ask about allergies? (<i>none</i>)	A	10	0
124	Did the team ask about medications? (<i>none</i>)	A	10	0
125	Did the team ask about medical history? (<i>none</i>)	A	10	0
126	Did the team ask about last meal? (<i>lunch 4 hours ago</i>)	A	10	0
127	Did the team ask what happened? (<i>hit by table, fell on the floor</i>)	A	10	0

VITAL SIGNS ASSESSMENT - first set

128	Level of consciousness? (<i>conscious, alert, oriented</i>)	A/S	10	0
129	Pulse - radial or carotid? (<i>82, strong and regular</i>)	A/S	10	0
130	Respirations (<i>18 shallow and regular</i>)	A/S	10	0
131	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0
132	Pupils? (<i>5mm, equal and reactive</i>)	A/S	10	0
133	Blood Pressure? (<i>120/80</i>)	A/S	10	0

HEAD TO TOE ASSESSMENT

134	Check the skull? (<i>wound on forehead</i>)	A	5	0
135	Check the face? (<i>no injury</i>)	A	5	0
136	Check the eyes? (<i>no injury, both equal and reactive</i>)	A	5	0
137	Check the ears? (<i>no injury</i>)	A	5	0
138	Check the nose? (<i>no injury</i>)	A	5	0
139	Check the mouth? (<i>no injury or odor</i>)	A/S	5	0
140	Check the neck? (<i>no injury</i>)	A	5	0
141	Check the left collarbone? (<i>no injury</i>)	A	5	0
142	Check the right collarbone (<i>no injury</i>)	A	5	0
143	Check the left shoulder? (<i>no injury</i>)	A	5	0
144	Check the right shoulder? (<i>no injury</i>)	A	5	0
145	Check the left arm and hand? (<i>fractured humerus</i>)	A	5	0

HEAD TO TOE ASSESSMENT continued

146	Check the right arm and hand? <i>(no injury)</i>	A	5	0
147	Check the chest? <i>(no injury)</i>	A	5	0
148	Check the pelvis and/or buttocks? <i>(no injury)</i>	A	5	0
149	Check the back? <i>(no injury, full sensation)</i>	A	5	0
150	Check the left leg and ankle? <i>(no injury, full sensation)</i>	A	5	0
151	Check the left foot? <i>(no injury, full sensation)</i>	A	5	0
152	Check the right leg and ankle? <i>(no injury, full sensation)</i>	A	5	0
153	Check the right foot? <i>(no injury, full sensation)</i>	A	5	0

TREATMENT**Forehead wound**

154	Did the team examine the wound? <i>(no embedded material)</i>	A	10	0
155	Did the team clean around the wound?	A	10	0
156	Did the team dress the wound with a sterile dressing?	A	10	0
157	Did the team bandage the dressing in place effectively?	A	10	0

Fractured Humerus

158	Did the team/patient continue to steady and support the arm?	A	10	0
159	Did the team check the distal circulation? <i>(before) (present)</i>	A/S	10	0
160	Did the team immobilize the arm? <i>(splints, bandages,, etc.)</i>	A	10	0
161	Did the team place a cold pack in the fracture area?	A	10	0
162	Did the team recheck the distal circulation? <i>(after) (present)</i>	A/S	10	0
163	Was the complete immobilization effective?	A	10	0
164	Did the team evacuate the patient from the accident site?	A	10	0
165	Did the team load the patient into the ambulance?	A	10	0

Judges Note: The Team may continue treatment in the ambulance until the final whistle.

VITAL SIGNS ASSESSMENT - second set

166	Level of consciousness? <i>(conscious, alert and oriented)</i>	A/S	10	0
167	Pulse - radial or carotid? <i>(78, strong and regular)</i>	A/S	10	0
168	Respirations <i>(18, shallow and regular)</i>	A/S	10	0
169	Skin condition and temperature? <i>(Pale, Cool, Moist)</i>	A/S	10	0
170	Pupils? <i>(5mm, equal and reactive)</i>	A/S	10	0
171	Blood Pressure? <i>(120/80)</i>	A/S	10	0

SECONDARY SURVEY**Page 12****Sub Total**
(Possible 220)

SHOCK AND GENERAL

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

DOCUMENTATION

176	Was the date and time of the incident recorded?	A	5	0
177	Was the Patient's name recorded?	A	5	0
178	Was the Level of Consciousness recorded?	A	5	0
179	Was the Blood Pressure and time recorded? (<i>1st set</i>)	A	5	0
180	Was the Pulse and time recorded? (<i>1st set</i>)	A	5	0
181	Were the Respirations and time recorded? (<i>1st set</i>)	A	5	0
182	Was the Temperature and time recorded? (<i>1st set</i>)	A	5	0
183	Were the Pupils and time recorded? (<i>1st set</i>)	A	5	0
184	Was the Blood Pressure and time recorded? (<i>2nd set</i>)	A	5	0
185	Was the Pulse and time recorded? (<i>2nd set</i>)	A	5	0
186	Were the Respirations and time recorded? (<i>2nd set</i>)	A	5	0
187	Was the Temperature and time recorded? (<i>2nd set</i>)	A	5	0
188	Were the Pupils and time recorded? (<i>2nd set</i>)	A	5	0
189	Was the wound on the forehead recorded?	A	5	0
190	Was the treatment of the wound recorded?	A	5	0
191	Was the fractured humerus recorded?	A	5	0
192	Was the treatment of the fracture recorded?	A	5	0
193	Was the team member names and signatures recorded?	A	5	0

DOCUMENTATION

Page 13

Sub Total
(Possible 130)

JUDGES

**Detach this page, and give it to the team 2 minutes
before the start of competition**

Team Scenario # 1

Your Division has been on duty for an open house at the new rural township maintenance shop. You are about to leave when you receive a call that someone has been injured in the garage.

There is no local ambulance service and the community hospital is about 35 minutes away.

Good Luck!! You have 25 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