

**ONTARIO
BRIGADE
PATIENT CARE COMPETITION**

SCENARIO # 1

APRIL 16, 2000

**Judges: Team Problem is last sheet, page 10
please tear off and give to team at start signal**

2000 ONTARIO BRIGADE PATIENT CARE COMPETITION
16 April, 2000 - Scenario # 1

TEAM NAME _____

TEAM CAPTAIN'S NAME _____

JUDGE # 1 _____

JUDGE # 2 _____

FLOOR POSITION (Square number) _____

PRIMARY SURVEY POINTS	Page 5 (items 01 - 21) (275)	Total	_____
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SECONDARY SURVEY **Page 6** (items 22 - 43) (180) **Sub-Total** _____

SECONDARY SURVEY **Page 7** (items 44 - 65) (230) **Sub-Total** _____

SECONDARY SURVEY **Page 8** (items 66 - 87) (190) **Sub-Total** _____

SECONDARY SURVEY **Page 9** (items 88 - 96) (45) **Sub-Total** _____

SECONDARY SURVEY POINTS TOTAL	(645)	_____
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TOTAL POINTS AWARDED Primary + Secondary Total (Possible 920)	_____
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2000 ONTARIO BRIGADE PATIENT CARE COMPETITION
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Judges/Simulators copy of Scenario

(please make extra copies for the simulators)

Judges Note: You act as the bystander that led the Team to the maintenance room and may go and call for help if requested. There are no other bystanders and you are not permitted to help in any other way. If asked, the ambulance will be about 25 minutes

READING OF THE SCENARIO AND DOCUMENTATION IS PART OF THE 20 MINUTES. ALL ACTIVITY WILL CEASE ON THE FINAL WHISTLE.

Team Scenario # 1

You and your partner are on duty at the local arena when some one runs up and says there has been an accident in the maintenance room.

The person reporting the incident directs you to the maintenance room.

Good Luck!! You have 20 minutes to complete the scenario.

Note: There will be a time announcement after the first 5 minutes and again at the final 2 minutes. All activity including documentation will cease on the final whistle.

JUDGES and SIMULATORS OVERVIEW

The team is on duty at the hockey arena. In the maintenance room the janitor, who has a history of angina, has stood on top of a chair trying to reach a bottle of cleaning detergent when he/she is stricken with a severe chest pain and falls from the chair to the floor. In the fall the bottle breaks and glass is embedded in the palm of the right hand. The fall has also resulted in a closed fracture to the right forearm and minor abrasions to the right check bone. The janitor has a medical alert bracelet on the left wrist, is carrying nitro and aspirin. The pain is not relieved by the first nitro tablet or aspirin if taken. About 2 minutes after the second nitro the pain begins to subside.



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INJURIES and SIMULATION

- **Embedded glass: palm of Right hand (medium bleeding)**
- **Fracture: Right Radius (closed with deformity and swelling mid shaft)**
- **Abrasions: Right cheekbone (minor bleeding)**
- **Medical Condition: History of angina past 5 years, takes nitro as required. Have no known allergies.**
- **Shock appearance: pale, sweaty**

CASUALTY PROMPTS

- **Suffered severe chest pains and fell from a chair while standing on it reaching for a detergent bottle**
- **Responds readily to verbal communication with patient care providers.**
- **Pain to Left upper arm, neck and chest (angina)**
- **Pain to Right lower arm and hand (fracture and embedded glass)**
- **Pain to chest and left arm subsides about 2 minutes after the 2nd nitro.**
- **Has medication in pocket (nitro and aspirin)**
- **Angina past 5 years, nitro and aspirin only medication, no allergies, last meal at breakfast, you are about 55 years of age**

PROPS

- **Simulation to injured areas**
- **Casualty should be middle age or older**
- **Container 0.6 mg nitroglycerin (nitro) tablets (candy)**
- **Container 325 mg aspirin (ASA) tablets (candy)**
- **Medical Alert Bracelet on Left wrist (heart condition)**
- **Broken bottle, (plastic) pieces strewn around patient**
- **Chair (lying on top of the patient)**

JUDGES INFORMATION

VITAL SIGNS	PRIMARY	SECONDARY
LOC	Conscious, alert and oriented throughout scenario	
PULSE	100 Weak/Regular	96 Weak/Regular
RESPIRATIONS	24 Shallow	22 Shallow
SKIN/TEMP.	Pale cool moist	Pale cool moist

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JUDGES NOTES: *You act as the bystander that led the Team to the maintenance room and may go and call for help if requested. There are no other bystanders and you are not permitted to help in any other way.*

Assist the team when necessary 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

E. S. M./PRIMARY 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 call out for help? (1 bystander, <u>Judge</u> , to call EMS only)	A/S	10	0
003	Did the team identify and remove hazards? (broken glass)	A/S	15	0
004	Did the team wear protective gloves? (both members)	A	10	0
005	Did the Team warn the Patient not to move?	A/S	10	0
006	Did Patient Care Providers identify themselves?	A/S	10	0
007	Did Patient Care Providers obtain consent to help?	A/S	10	0
008	Did the team assess Responsiveness? (conscious, alert, oriented)	A/S	10	0
009	Did the team assess Airway? (present, patient can speak)	A/S	20	0
010	Did the team assess Breathing (Rapid and Shallow)	A/S	10	0
011	Did the team assess the casualty's skin condition? (cool, clammy)	A/S	10	0
012	Did the team control head and "C-Spine" (initial precaution only)	A/S	10	0
013	Did the team perform a rapid body survey?	A/S	20	0
014	Did the team suspect a radial fracture? (pain, deformity)	S	15	0
015	Did the team steady and support the fracture? (patient may assist)	A/S	15	0
016	Did the team detect the embedded glass in the hand?	A/S	10	0
017	Did the team control and protect the bleeding area? (moderate)	A/S	15	0
018	Did the team recognize the angina condition? (chest pain, history)	A/S	15	0
019	Did the team assist the patient with his nitro tablet?	A	20	0
020	Did the team follow the 5 rights of medication?	A/S	10	0
021	Did the team call EMS? (may use judge as bystander)	A/S	20	0

E. S. M./ PRIMARY SURVEY	Page 5	Total Points (Possible 275)
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SECONDARY SURVEY: *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 shall be awarded to.*

HISTORY AND MEDICAL CONDITION

022	Did the team ask about symptoms? (<i>chest pains</i>)	A	10	0
023	Did the team ask about allergies? (<i>none</i>)	A	10	0
024	Did the team ask about medications? (<i>nitro, aspirin</i>)	A	10	0
025	Did the team ask about medical history? (<i>angina, 5 years</i>)	A	10	0
026	Did the team ask about last meal? (<i>breakfast</i>)	A	10	0
027	Did the team ask what happened? (<i>fell off chair</i>)	A	10	0

VITAL SIGNS ASSESSMENT - first set

028	Level of consciousness? (<i>conscious, alert and oriented</i>)	A/S	10	0
029	Pulse - radial or carotid? (<i>100, Weak and Regular</i>)	A/S	10	0
030	Respirations (<i>24 and shallow</i>)	A/S	10	0
031	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0

HEAD TO TOE ASSESSMENT

032	Check the skull? (<i>no injury</i>)	A	5	0
033	Check the face and find the abrasions to right cheekbone?	A	10	0
034	Check the eyes? (<i>no injury, both equal and reactive</i>)	A	5	0
035	Check the ears? (<i>no injury</i>)	A	5	0
036	Check the nose? (<i>no injury</i>)	A	5	0
037	Check the mouth? (<i>no injury or odor</i>)	A/S	5	0
038	Check the neck? (<i>no injury</i>)	A	5	0
039	Check the collarbones? (<i>no injury</i>)	A	5	0
040	Check the shoulders? (<i>no injury</i>)	A	5	0
041	Check the left arm and hand and find the Medic Alert?	A	10	0
042	Check the right arm and find the closed radial fracture?	A	10	0
043	Check the right hand and find the embedded glass?	A	10	0

SECONDARY SURVEY	Page 6	Sub Total (Possible 180)
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HEAD TO TOE ASSESSMENT continued

044	Check the chest? (no injury, angina pain until after 2nd nitro)	A	5	0
045	Check the pelvis and/or buttocks? (no injury)	A	5	0
046	Check the back? (no injury, full sensation)	A	5	0
047	Check the legs and ankles? (no injury, full sensation)	A	5	0
048	Check the feet? (no injury, full sensation)	A	5	0

TREATMENTS

Angina

049	Was the patient placed in a semi sitting position? (comfortable)	A	15	0
050	Did the team ask if the nitro relieved the pain? (does not)	AS	10	0
051	Did the team ask if allergic to aspirin? (is not)	A	10	0
052	Did the team assist the patient taking his aspirin? (ASA)	A	10	0
053	Did the team ask if the ASA relieved the pain? (does not)	A	10	0
054	Did the team assist the patient with a 2nd nitro tablet?	A	10	0
055	Did the team ask if the 2nd nitro relieved the pain? (does)	A	10	0

Embedded glass palm of right hand

056	Did the team control the bleeding? (moderate bleeding)	A/S	20	0
057	Did the team leave the embedded glass in place?	A	10	0
058	Did the team place a dressing on the wound around the glass?	A	10	0
059	Did the team place a ring pad or padding around the glass?	A	10	0
060	Did the team bandage the hand effectively? (bleeding controlled)	A	20	0

Fractured right forearm

061	Did the team continue to steady and support the fracture site?	A	10	0
062	Did the team check distal circulation? (before)	A/S	10	0
063	Did the team immobilize the fracture site? (splints, etc.)	A	10	0
064	Was the immobilization effective?	A	20	0
065	Did the team recheck the distal circulation?	A/S	10	0

SECONDARY SURVEY	Page 7	Sub Total (Possible 230)
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TREATMENTS continued

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Abrasions to right cheekbone

066	Did the team examine the abrasion? (<i>minor bleeding</i>)	A	10	0
067	Did the team clean the abrasion?	A	10	0
068	Did the team dress and bandage the abrasion effectively?	A	10	0

VITAL SIGNS ASSESSMENT - second set

069	Level of consciousness? (<i>conscious, alert and oriented</i>)	A/S	10	0
070	Pulse - radial or carotid? (<i>96, Weak and Regular</i>)	A/S	10	0
071	Respirations (<i>22 and shallow</i>)	A/S	10	0
072	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0

SHOCK AND GENERAL

073	Was the patient covered over to lessen shock? (<i>blanket, etc.</i>)	A	10	0
074	Was the patient covered under to lessen shock? (<i>blanket, etc.</i>)	A	10	0
075	Was the patient reassured?	A/S	10	0
076	Was the patient reassured more than once?	A/S	10	0
077	Were gloves effective throughout the scenario? (<i>not torn?</i>)	A	10	0

DOCUMENTATION

078	Was the date and time of the incident recorded?	A	5	0
079	Was the Patient's name recorded?	A	5	0
080	Was the team member names and signatures recorded?	A	5	0
081	Was the Level of Consciousness recorded?	A	5	0
082	Were the Vital Signs and time recorded? (<i>1st set</i>)	A	10	0
083	Were the Vital Signs and time recorded? (<i>2nd set</i>)	A	10	0
084	Were the chest pains recognized as angina and recorded?	A	15	0
085	Was the time of the 1st nitro administration recorded?	A	5	0
086	Was the effect of the 1st nitro recorded? (<i>no relief</i>)	A	5	0
087	Was the time of the ASA administration recorded? (<i>aspirin</i>)	A	5	0

SECONDARY SURVEY	Page 8	Sub Total (Possible 190)
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DOCUMENTATION continued

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088	Was the effect of the ASA recorded? (<i>no relief</i>)	A	5	0
089	Was the time of the 2nd nitro recorded?	A	5	0
090	Was the effect of the 2nd nitro recorded? (<i>pain relieved</i>)	A	5	0
091	Was the embedded glass in the hand recorded?	A	5	0
092	Was the treatment of the hand recorded?	A	5	0
093	Was the fractured forearm injury recorded?	A	5	0
094	Was the treatment of the fractured forearm recorded?	A	5	0
095	Was the abrasion to the cheekbone recorded?	A	5	0
096	Was the treatment of the abrasion to the cheekbone recorded?	A	5	0

SECONDARY SURVEY

Page 9

Sub Total
(Possible 45)

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JUDGES

**Detach this page, and give it to the competitor only
when directed to do so.**

TEAM SCENARIO # 1

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The person reporting the incident directs you to the maintenance room.

Good Luck!! You have 20 minutes to complete the scenario.

Note: There will be a time announcement after the first 5 minutes and again at the final 2 minutes. All activity including documentation will cease on the final whistle.