

**ONTARIO
BRIGADE
PATIENT CARE COMPETITION**

SCENARIO # 2

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 # 2

TEAM NAME _____

TEAM CAPTAIN'S NAME _____

JUDGE # 1 _____

JUDGE # 2 _____

FLOOR POSITION (Square number) _____

PRIMARY SURVEY POINTS	Page 5 (items 01 - 19) (250)	Total	_____
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SECONDARY SURVEY **Page 6** (items 20 - 41) (170) **Sub-Total** _____

SECONDARY SURVEY **Page 7** (items 42 - 64) (220) **Sub-Total** _____

SECONDARY SURVEY **Page 8** (items 65 - 87) (235) **Sub-Total** _____

SECONDARY SURVEY **Page 9** (items 88 - 98) (55) **Sub-Total** _____

SECONDARY SURVEY POINTS TOTAL	(680)		_____
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TOTAL POINTS AWARDED Primary + Secondary Total (Possible 930)	_____
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Judges/Simulators copy of Scenario

(please make extra copies for the simulators)

Judges Note: Any calls by radio or cell phone are out of range. There are no bystanders until the 2 hikers come along. They can assist under supervision. If bystanders are not provided, you the judges will become the bystanders. Ensure that the team realizes that it is spurting arterial bleeding if a pump is not used. Make sure that a spine board is provided at your square. The team is not expected to lift the spine board, but they should indicate that they are loading it into the Mobile First Aid Post.

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

Team Scenario # 2

You and your partner are on your way in the fully equipped Division Mobile First Aid Post to check out an area to hold a Crusader wilderness camp. You are nearing your destination about 60 kilometres out on an abandoned forestry road when you come upon a cyclist. You sound your horn and attempt to pass.

The cyclist appears to loose control in the loose gravel and topples over the edge of the road. You stop your vehicle and see the cyclist lying under his bike at the bottom of a 2 metre (6 foot) embankment.

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 their way to check out a wilderness camp on an abandoned forestry road. While passing a cyclist, the cyclist loses control and topples over the edge of the road. The cyclist has a fractured tibia with arterial bleeding as well as a suspected fractured collarbone. The vehicle radio and cell phones are out of range and can not be used. There is no other traffic on the road. About 12 minutes into the problem 2 overnight backpacking hikers come upon the scene. They are untrained first-aiders, but can be used to assist under supervision. Because of the remoteness of the area the team is expected to realize that help is unlikely to show up and they will have to prepare to backboard the cyclist and transport in their vehicle.

TIME KEEPER

Give a 12 minute signal to the judges to indicate the arrival of the 2 hikers



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INJURIES and SIMULATION

- **Fracture: Right Collarbone (closed with slight swelling and discoloration)**
- **Fracture: Right Tibia (open mid shaft with spurting arterial bleeding)**
- **No medical conditions past or present, no known allergies**
- **Shock appearance: pale, sweaty**

CASUALTY PROMPTS

- **Run off the road, lost control in the loose gravel**
- **Responds readily to verbal communication with patient care providers.**
- **Pain to Right collarbone area, you are holding your right elbow trying to protect the injury, painful if touched**
- **Pain to Right lower leg**
- **No medical conditions or allergies**
- **You are on a bike camping trip all by yourself, nobody ever comes out this way**
- **Your last meal was lunch about 2 hours ago**

PROPS

- **Simulation to injured areas**
- **Casualty should be at least 14 years of age or older**
- **Bicycle (lying on top of the patient)**
- **Spine board (some teams may have their own), but a board must be available with or without straps, bandages can be used to secure the patient**

JUDGES INFORMATION

VITAL SIGNS	PRIMARY (1st set)	SECONDARY (2nd set)
LOC	Conscious, alert and oriented throughout scenario	
PULSE	100 Strong/Regular	86 Strong/Regular
RESPIRATIONS	24 Shallow/Regular	18 Shallow/Regular
SKIN/TEMP.	Pale cool moist	Pale cool moist

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JUDGES NOTES: The radio or cell phone does not work (out of range). There is no way of getting help. You may have to act the part of the 2 bystanders (hikers) at the 12 minute warning. Be sure the team realize it is spurting arterial bleeding if a pump is not used and also that a spine board is available.

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

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 turn on vehicle flashers? (warning signs, flares etc.)	S	15	0
003	Did the team identify and remove hazards? (bicycle)	A/S	10	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 (shallow and regular)	A/S	10	0
011	Did the team assess the casualty's skin condition (cool, moist)	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 fractured collarbone (pain, discoloration)	S	15	0
015	Did the team steady and support the collarbone (patient may assist)	A/S	15	0
016	Did the team discover the arterial bleeding? (lower right leg)	A/S	10	0
017	Did the team control the arterial bleeding? (direct pressure around)	A/S	20	0
018	Did the team steady and support the fractured leg (open fracture)	A/S	15	0
019	Did the team try to call EMS? (radio, cell phone out of range)	A/S	20	0

E. S. M./ PRIMARY SURVEY	Page 5	Total Points (Possible 250)
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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

020	Did the team ask about symptoms? (<i>pain right collarbone, leg</i>)	A	10	0
021	Did the team ask about allergies? (<i>none</i>)	A	10	0
022	Did the team ask about medications? (<i>none</i>)	A	10	0
023	Did the team ask about medical history? (<i>none</i>)	A	10	0
024	Did the team ask about last meal? (<i>lunch 2 hours ago</i>)	A	10	0
025	Did the team ask what happened? (<i>loose gravel, run off road</i>)	A	10	0

VITAL SIGNS ASSESSMENT - first set

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

HEAD TO TOE ASSESSMENT

030	Check the skull? (<i>no injury</i>)	A	5	0
031	Check the face? (<i>no injury</i>)	A	5	0
032	Check the eyes? (<i>no injury, both equal and reactive</i>)	A	5	0
033	Check the ears? (<i>no injury</i>)	A	5	0
034	Check the nose? (<i>no injury</i>)	A	5	0
035	Check the mouth? (<i>no injury or odor</i>)	A/S	5	0
036	Check the neck? (<i>no injury</i>)	A	5	0
037	Check the left collarbone? (<i>no injury</i>)	A	5	0
038	Check the right collarbone and suspect a fracture (<i>painful</i>)	A/S	15	0
039	Check the shoulders? (<i>no injury</i>)	A	5	0
040	Check the left arm and hand? (<i>no injury, full sensation</i>)	A	5	0
041	Check the right arm and hand? (<i>no injury, full sensation</i>)	A	5	0

SECONDARY SURVEY

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Sub Total
(Possible 170)

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HEAD TO TOE ASSESSMENT continued

042	Check the chest? (<i>no injury</i>)	A	5	0
043	Check the pelvis and/or buttocks? (<i>no injury</i>)	A	5	0
044	Check the back? (<i>no injury, full sensation</i>)	A	5	0
045	Check the left leg and ankle? (<i>no injury, full sensation</i>)	A	5	0
046	Check the left foot? (<i>no injury, full sensation</i>)	A	5	0
047	Check the right leg and find the fractured tibia and bleeding?	A	10	0
048	Check the right foot? (<i>no injury, full sensation</i>)	A	5	0

TREATMENTS

Fractured collarbone

049	Did the team continue the collarbone support? (<i>patient may assist</i>)	A	10	0
050	Did the team check the distal circulation? (<i>before</i>)	A/S	10	0
051	Did the team immobilize the fracture effectively?	A	20	0
052	Did the team place a cold pack on the injury site? (<i>don't activate</i>)	A	10	0
053	Did the team insulate the cold pack from the bare skin?	A	10	0
054	Did the team state the 15 minutes on/off rule re: cold pack?	S	10	0
055	Did the team recheck the distal circulation?	A/S	10	0

Fractured Tibia

056	Did the team continue to steady and support the leg?	A	10	0
057	Did the team continue to control bleeding during treatment?	A/S	20	0
058	Did the team check the distal circulation? (<i>before</i>)	A/S	10	0
059	Did the team place sterile dressings?	A	10	0
060	Did the team build up padding on both sides of the fracture?	A	10	0
061	Did the team bandage the bleeding area effectively?	A	20	0
062	Did the team immobilize the leg? (<i>splints, other leg, etc.</i>)	A	10	0
063	Did the team place a broad bandage at the thigh?	A	5	0
064	Did the team place a broad bandage at the knee?	A	5	0

SECONDARY SURVEY

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Sub Total
(Possible 220)

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TREATMENTS continued

065	Did the team place a broad bandage above the fracture?	A	5	0
066	Did the team place a figure 8 bandage at the ankle?	A	5	0
067	Did the team recheck the distal circulation?	A/S	10	0
068	Was the immobilization effective?	A	20	0

TRANSPORTATION

069	Did the team explain to the patient about transporting	A/S	10	0
070	Did the team use the assistance of the 2 hikers?	A	10	0
071	Did the team instruct the hikers on the boarding procedures	A/S	15	0
072	Did the team blanket the spine board?	A	10	0
073	Did the team logroll the patient as a unit supporting the head?	A	10	0
074	Did the team keep the injured side uppermost on the roll	A	10	0
075	Was the spine board properly placed before loading?	A	10	0
076	Was the patient properly placed on the spine board?	A	10	0
077	Did the team recheck the bandages after moving the patient?	A/S	10	0
078	Did the team effectively secure the patient to the spine board?	A	10	0

VITAL SIGNS ASSESSMENT - second set

079	Level of consciousness? (<i>conscious, alert and oriented</i>)	A/S	10	0
080	Pulse - radial or carotid? (<i>86, strong and regular</i>)	A/S	10	0
081	Respirations (<i>18, shallow and regular</i>)	A/S	10	0
082	Skin condition and temperature? (<i>Pale, Cool, Moist</i>)	A/S	10	0

SHOCK AND GENERAL

083	Was the patient covered over to lessen shock? (<i>blanket, etc.</i>)	A	10	0
084	Was the patient covered under to lessen shock? (<i>blanket, etc.</i>)	A	10	0
085	Was the patient reassured?	A/S	10	0
086	Was the patient reassured more than once?	A/S	10	0
087	Were gloves effective throughout the scenario? (<i>not torn?</i>)	A	10	0

SECONDARY SURVEY

Page 8

Sub Total
(Possible 235)

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DOCUMENTATION

088	Was the date and time of the incident recorded?	A	5	0
089	Was the Patient's name recorded?	A	5	0
090	Was the team member names and signatures recorded?	A	5	0
091	Was the Level of Consciousness recorded?	A	5	0
092	Were the Vital Signs and time recorded? (<i>1st set</i>)	A	5	0
093	Were the Vital Signs and time recorded? (<i>2nd set</i>)	A	5	0
094	Was a fractured collarbone suspected and recorded?	A	5	0
095	Was the treatment of the collarbone recorded?	A	5	0
096	Was the open fracture of the tibia recognized and recorded?	A	5	0
097	Was the treatment of the fractured tibia recorded?	A	5	0
098	Was the transport departure time recorded?	A	5	0

SECONDARY SURVEY

Page 9

Sub Total
(Possible 55)

JUDGES

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

TEAM SCENARIO # 2

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