

2000 CENTRAL AREA PATIENT CARE COMPETITION

TEAM INFORMATION:

You and your partner are on duty at a Scouts Jamboree in Algonquin Park. The time of the year is the end of June. The day is sunny, with a mild westerly wind and a temperature of 13 degrees Celsius. You are notified by a scout that someone is hurt on the beach.

You are not allowed to use a cell phone to call for help, since there is no cellular signal in this region of Algonquin Park.

You will have 25 minutes to complete the scenario, including reading this information and your paperwork. After the 25 minutes, you will have a maximum of 5 minutes to give a brief report to the arriving paramedics. There will be a total scenario time of 30 minutes.

Good Luck and Have Fun!

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### INJURIES:

1. Embedded object in bottom of Right foot
2. Open fracture of Left lower leg
3. Chest Pain/Shortness of Breath (angina attack)

### SIMULATOR INFORMATION:

Head/Neck: -shock: pale, cool, clammy face

Left Leg: - open fracture to lower leg

- bone protruding through skin is 5 cm. from ankle

- moderate bleeding

Right Foot: - embedded catfish head

- located in middle of bottom of foot

- no bleeding, some sand and/or dirt on bottom of both feet

Props Needed: - nitroglycerin placebo spray

- canoe

- casualty is wearing a life jacket, shorts and T-shirt

### CASUALTY INFORMATION:

**History:** You are a 52 year old Scout leader who was portaging a canoe across the beach down to the lake. You step on an object, which turns out to be a skeleton of a catfish head. This is embedded in the bottom of your right foot. This caused you to fall to the ground. When the canoe fell, it landed on your left leg, causing an open fracture of the lower leg. Due to the pain and anxiety of these two injuries and of having a canoe on top of you, you start experiencing some chest pain and shortness of breath, which is consistent with your angina type pain. You have nitroglycerin spray in your pocket. Originally the chest pain is 8/10. After one nitroglycerin spray it is reduced to 5/10 and after the second nitroglycerin spray it is gone. You have no allergies. You are only on nitroglycerin as medication. You do have a past medical history of angina. The last meal you ate was breakfast, consisting of oatmeal and coffee.

***Positioning:*** You are sitting. Your right leg is bent inward, with the skeleton of the catfish head sticking out of your foot. Your left leg is out straight. The canoe is flipped upside down, going across both of your legs. You are holding on to the top of the canoe with your arms.

**VITAL SIGNS (PRIMARY ASSESSMENT)**

Level of Consciousness: LOA x 3  
Pulse: strong, rapid, regular  
Respirations: normal, regular, rapid  
Skin: pale, cool, clammy

**VITAL SIGNS #1:**

Level of Consciousness: LOA x 3  
Pulse: 126 strong and regular  
Respirations: 20 normal, regular  
Skin: pale, cool, clammy  
Pupils: 2 mm equal and reactive  
BP: 140/96

**VITAL SIGNS #2:**

Level of Consciousness: LOA x 3  
Pulse: 110 strong and regular  
Respirations: 18 normal and regular  
Skin: pale, cool, clammy  
Pupils: 2 mm equal and reactive  
BP: 130/100

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MARKING GUIDE

Team Members: \_\_\_\_\_ Judge: \_\_\_\_\_  
 \_\_\_\_\_ Division: \_\_\_\_\_  
 Category: Senior Intermediate Junior  
 Score: Page 1: \_\_\_\_\_ / 27 Page 2: \_\_\_\_\_ / 39 Page 3: \_\_\_\_\_ / 34 Total: \_\_\_\_\_ / 100

Scene Survey:

- |     |  |   |
|-----|--|---|
| 1.  | Did one first aider take charge?   | 1 |
| 2.  | Was the patient told not to move?  | 1 |
| 3.  | Did the first aiders call for help? (to attract attention)                                 | 1 |
| 4.  | Were hazards assessed for and stated? ( <i>canoe</i> )                                     | 1 |
| 5.  | Was the area made safe? ( <i>canoe moved off of person</i> )                               | 1 |
| 6.  | Were both first aiders wearing gloves while assessing and treating the patient?            | 1 |
| 7.  | Did the first aiders determine if there were other patients? ( <i>no</i> )                 | 1 |
| 8.  | Did the first aiders ask what happened? ( <i>determined mechanism of injury</i> )          | 1 |
| 9.  | Did the first aiders identify themselves?  | 1 |
| 10. | Did the first aiders offer to help?  | 1 |
| 11. | Was the patient's level of consciousness/awareness assessed and stated? ( <i>LOA x 3</i> ) | 1 |
| 12. | Was an ambulance called for? ( <i>will take 25 minutes, no cell phones work</i> )          | 1 |

Primary Survey:

- |     |   |   |
|-----|---|---|
| 13. | Was the airway assessed and stated?   | 1 |
| 14. | Was breathing assessed and stated? ( <i>present, normal, regular</i> )  | 1 |
| 15. | Was the pulse checked and stated? ( <i>present, strong, rapid</i> )   | 1 |
| 16. | Was severe, life threatening bleeding, assessed for?<br>( <i>none, only moderate from open fracture of Left leg</i> ) | 1 |
| 17. | Was the patient assessed for a medic alert tag? ( <i>none</i> )   | 1 |

Vital Signs #1:

- |     |   |   |
|-----|---|---|
| 18. | Was the Level of Consciousness assessed and stated? ( <i>LOA x 3</i> )                | 1 |
| 19. | Was the pulse checked and stated? ( <i>126 strong and regular</i> )                   | 1 |
| 20. | Were respirations checked and stated? ( <i>20 normal, regular</i> )                   | 1 |
| 21. | Was the skin condition/temperature assessed and stated? ( <i>pale, cool, clammy</i> ) | 1 |
| 22. | Were pupils assessed? ( <i>2 mm, equal and reactive</i> )                             | 1 |

Patient/Incident History:

- |     |   |   |
|-----|---|---|
| 23. | Was the patient asked about allergies? ( <i>none</i> )                                | 1 |
| 24. | Was the patient asked about medications? ( <i>nitroglycerin spray</i> )               | 1 |
| 25. | Was the patient asked about their past medical history? ( <i>angina</i> )             | 1 |
| 26. | Was the patient asked about their last meal? ( <i>breakfast, oatmeal and coffee</i> ) | 1 |
| 27. | Was a more detailed incident history gathered?  | 1 |

Head to Toe Secondary Survey:

28.	Was the patient's head assessed?	1
29.	Was the patient's nose assessed?	1
30.	Was the patient's forehead assessed?	1
31.	Were the patient's ears assessed?	1
32.	Were the patient's eyes assessed?	1
33.	Were the patient's cheeks assessed?	1
34.	Was the patient's jaw assessed?	1
35.	Was the patient's mouth/teeth assessed?	1
36.	Was the patient's neck assessed?	1
37.	Was the patient's Right clavicle assessed?	1
38.	Was the patient's Left clavicle assessed?	1
39.	Was the patient's Right scapula assessed?	1
40.	Was the patient's Left scapula assessed?	1
41.	Was the patient's chest assessed?	1
42.	Was the patient's back assessed?	1
43.	Was the patient's abdomen assessed?	1
44.	Was the patient's pelvis assessed? ( <i>stable</i> )	1
45.	Was the patient's Right arm assessed?	1
46.	Was the patient's Left arm assessed?	1
47.	Was the patient's Right leg assessed? ( <i>embedded object Rt. foot</i> )	1
48.	Was the patient's Left leg assessed? ( <i>open fracture to lower leg</i> )	1

Treatment

50.	Was the patient covered with a blanket, to treat for shock?	1
52.	Was the patient reassured?	1
53.	Were things explained to the patient?	1
54.	Were gloves worn for the duration of the scenario?	1
55.	Was the open fracture covered with a dressing?	1
56.	Was the open fracture immobilized with padding? (ring pad/log house/etc.)	1
57.	Was the circulation assessed below the open fracture of the left leg before splinting?	1
58.	Was the circulation assessed below the open fracture of the left leg after splinting?	1
59.	Was the left leg immobilized adequately to prevent movement of the broken bones?	1
60.	Was the embedded object in the right foot immobilized adequately so that it does not move around?	1
61.	Did the first aider assess the five rights in assisting in administering medications the first time it was required?	
	a. right person	1
	b. right medication	1
	c. right dose/amount	1
	d. right method	1
	e. right time	1
62.	Did the first aider assess the five rights in assisting in administering medications the second time it was required?	
	a. right person	1
	b. right medication	1
	c. right dose/amount	1

- |    |              |   |
|----|--------------|---|
| d. | right method | 1 |
| e. | right time   | 1 |

Vital Signs #2:

- |     |  |   |
|-----|--|---|
| 63. | Was the Level of Consciousness re-assessed and stated? ( <i>LOA x 3</i> )                | 1 |
| 64. | Was the pulse re-checked and stated? ( <i>110 strong and regular</i> ),                  | 1 |
| 65. | Were respirations re-checked and stated? ( <i>18 normal, regular</i> )                   | 1 |
| 66. | Was the skin condition/temperature re-assessed and stated? ( <i>pale, cool, clammy</i> ) | 1 |
| 67. | Were pupils re-assessed? ( <i>2 mm, equal and reactive</i> )                             | 1 |

Report to Paramedics:

- |     |  |   |
|-----|--|---|
| 68. | Did the first aider in charge introduce the patient by name to the paramedics? | 1 |
| 69. | Did the first aider state the patient's age?                                   | 1 |
| 70. | Did the first aider give a brief incident history?                             | 1 |
| 71. | Did the first aider give an outline of the patient's injuries?                 | 1 |
| 72. | Did the first aider give a brief explanation of what first aid was done?       | 1 |
| 73. | Did the first aider state the latest set of vital signs?                       | 1 |
| 74. | Did the first aider mention if the patient had any allergies?                  | 1 |
| 75. | Did the first aider mention if the patient was on any medication?              | 1 |
| 76. | Did the first aider mention the patient's past medical history?                | 1 |
| 77. | Was a copy of the Patient Care Report given to the Paramedics?                 | 1 |

Recording:

- |     |   |   |
|-----|---|---|
| 78. | Was the date recorded?  | 1 |
| 79. | Was the time recorded?  | 1 |
| 80. | Was the patient's name recorded?  | 1 |
| 81. | Was the patient's address recorded?   | 1 |
| 82. | Was the patient's age and/or Date of Birth recorded?                        | 1 |
| 83. | Was the patient's phone number recorded?                                    | 1 |
| 84. | Was the patient's allergies recorded? ( <i>none</i> )                       | 1 |
| 85. | Was the patient's medication recorded? ( <i>nitroglycerin</i> )             | 1 |
| 86. | Was the patient's past medical history recorded? ( <i>angina</i> )          | 1 |
| 87. | Was the patient's last meal recorded? ( <i>breakfast, oatmeal, coffee</i> ) | 1 |
| 88. | Were the patient's vital signs recorded once, with the time?                | 1 |
| 89. | Were the patient's vital signs recorded a second time, with the time?       | 1 |
| 90. | Was the incident history recorded?  | 1 |
| 91. | Were the signs and symptoms recorded?                                       | 1 |
| 92. | Was the treatment given recorded?   | 1 |
| 93. | Was the form signed by both first aiders?                                   | 1 |
| 94. | Was the form legible?   | 1 |