

ST. JOHN AMBULANCE BRIGADE
1997 PATIENT CARE COMPETITION

SCENARIO 2

JUDGE'S COPY OF SCENARIO

TEAM SCENARIO

While returning home from a first aid practice with your partner, you witness a beating by two youths. They punch, and kick a youth. As you approach, you hear a gun shot and the two youths run away. It is October in Ontario about 8:00 p.m.

Good luck! The team has 15 minutes to complete the scenario.

INJURIES

Gun shot with internal injuries to middle of back
Exit site on abdomen by umbilicus
Casualty has no feeling in legs or in pelvic/hip area
Bruises and swelling to upper arms
Fracture left lower arm (closed)
Bruises to face
Lacerations on face
Vomiting
Bruises to legs
Video will show exact locations of injuries

PROPS AND EQUIPMENT

No gun is necessary as the assailants take the gun
This youth should be wearing large baggy jeans and T-shirt and a light jacket
Vomiting (oatmeal to simulate vomitus)
A noise indicator to simulate a gun shot at the start of the scenario

SIMULATION

Male or female dressed casually in jeans or shorts, T-shirt
Fracture left lower arm (closed) - swelling and discolouration
Patient is lying prone (on stomach)
A gun shot wound to spinal area at lumbar / sacral area, minimal amount of blood
A gun shot exit wound to abdomen at umbilicus
The clothing at this site should have a hole with a little blood on it
Skin will be moist and pale
Bruises on upper arms (as per video)
Bruises on face (as per video)
Lacerations on face (as per video)
Bruises to legs (as per video)
Oatmeal to simulate vomitus

CASUALTY PROMPTS

Semi conscious throughout scenario
If asked if taken any medication, answer is yes - street drugs - does not know the name - little pink ones
No feeling from waist area to legs and toes
Pain to face
Pain to upper arms
Pain to lower left arm from fracture (closed)
IF ASKED Penicillin Allergy
IF ASKED no significant medical history
IF ASKED ate last meal 4 hours ago
IF ASKED what happened, I came out of the bar and two guys started a fight
IF ASKED why - answer - they thought I had more drugs
IF ASKED if patient knows assailants - answer is NO

JUDGES INFORMATION

VITAL SIGNS	PRIMARY	SECOND	THIRD
LOC	conscious throughout scenario		
Pulse	120	120	120
Respirations	22	22	20
Skin	Pale, cool and moist throughout scenario		

READING OF THE SCENARIO IS PART OF THE 15 MINUTES

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JUDGES NOTES

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 the changes in his/her condition.

A = Action S = Statement () = Further information

EMERGENCY SCENE MANAGEMENT

SCENE SURVEY/PRIMARY SURVEY

1.	Did First Aider take charge of the scene?	A	10	0
2.	Did First Aider call for help?	A	10	0
3.	Were hazards assessed?	A	10	0
4.	Did First Aiders put on protective gloves? <i>(Must actually be worn to receive marks)</i>	A	10	0
5.	Did First Aiders determine if there are other patients?	S	10	0
6.	Did First Aiders identify themselves and offer help?	S	10	0
7.	Did First Aiders determine or state mechanism of injury?	A/S	10	0
8.	Did First Aiders assess responsiveness?	A	10	0
9.	Did First Aider warn patient not to move?	A	10	0
10.	Did First Aiders activate EMS? <i>(911, Fire, Police Ambulance - by stander available to do this)</i>	A	10	0
11.	Did First Aiders specify that the police needed to be called?	A	10	0
12.	Did First Aiders assess airway and breathing of patient? <i>(casualty has no difficulty breathing)</i>	A	10	0

13.	Did First Aiders complete a circulation check? <i>(should be able to identify minor lacerations on face and if looks at back closely should note small amount of blood at bullet entrance)</i>	A	10	0
14.	Did First Aider perform a rapid body survey?	A	10	0
15.	Did First Aider assess the patient's skin condition or temperature? <i>(cool and clammy)</i>	A	10	0
PRIMARY SURVEY - TOTAL POINTS AWARDED (Possible 150)				

SECONDARY SURVEY (Actions may be performed in any order)

1	HISTORY OF THE PATIENT			
1.1	Did the First Aider ask the patient about any symptoms? <i>(Should respond to pain in left arm)</i>	S	10	0
1.2	Did First Aider ask the patient about any allergies? <i>(allergy to Penicillin)</i>	S	10	0
1.3	Did the First Aider ask the patient if they have taken any medications in the last 24 hours? <i>(Yes)</i>	S	10	0
1.4	Did the First Aider ask the patient the name of the medication? <i>(answer is little pink ones)</i>	S	10	0
1.5	Did the First Aider ask the patient about past medication history? <i>(Nil)</i>	S	10	0
1.6	Did the First Aider ask the patient about medical alert? <i>(does not have a medical alert)</i>	S	10	0
1.7	Did the First Aider ask the patient when they last ate? <i>(about 4 hours ago)</i>	S	10	0
1.8	Did the First Aider ask the patient how the incident happened? <i>(I just came out of the bar and two men started a fight)</i>	S	10	0
SECONDARY SURVEY: PAGE 2 SUB-TOTAL (Possible 80)				

2	PATIENT'S VITAL SIGNS ASSESSMENT			
2.1	Did First Aider determine Level of Consciousness? <i>(Conscious throughout scenario)</i>	A	10	0
2.2	Did First Aider Assess Respiration's? <i>(22, regular and depth are good)</i>	A	10	0
2.3	Did First Aider assess Pulse? <i>(120 and weak, should be taken a min. of 30 seconds)</i>	A	10	0
2.4	Did First Aider assess skin condition and temperature? <i>(temp. ok by palpation, skin cool and clammy)</i>	A	10	0
3	SECONDARY HEAD TO TOE ASSESSMENT			
3.1	Check scalp?	A	10	0
3.2	Check eyes? <i>(equal and reactive to light)</i>	A	10	0
3.3	Check nose?	A	10	0
3.4	Check face?	A	10	0
3.5	Check mouth? <i>(vomit present)</i>	A	10	0
3.6	Check jaw?	A	10	0
3.7	Check ears?	A	10	0
3.8	Check neck?	A	10	0
3.9	Check right collar bone?	A	10	0
3.10	Check left collar bone?	A	10	0
3.11	Check Shoulders <i>(both to receive mark)</i>	A	10	0
3.12	Check left arm to fingers? <i>(fracture lower left arm, closed)</i>	A	10	0
3.13	Check right arm to fingers? <i>(Noting bruising, as per simulation?)</i>	A	10	0
3.14	Check Chest?	A	10	0
3.15	Check Abdomen? <i>(exit wound at umbilicus)</i>	A	10	0
SECONDARY SURVEY PAGE 3 SUB-TOTAL (Possible 190)				

3.16	Check back? (<i>gun shot wound to back, located at Lumbar, sacral area</i>)	A	10	0
3.17	Check pelvis? (<i>numb, no feeling</i>)	A	10	0
3.18	Check right leg to toes? (<i>odd bruise, as per simulation, no feeling, circulation or pulse present in feet by palpation only</i>)	A	10	0
3.19	Check left leg to toes? (<i>odd bruise, as per simulation, no feeling, circulation or pulse present in feet by palpation only</i>)	A	10	0
4	TREATMENT OF GUN SHOT TO BACK AND SPINAL INJURY AND EXIT WOUND ON ABDOMEN			
4.1	Recognize possible spinal injury?	A	10	0
4.2	Recognize gun shot wound to back?	A	10	0
4.3	Was gun shot wound cleansed?	A	10	0
4.4	Was a sterile dressing applied to gun shot wound?	A	10	0
4.5	Was patient assessed for spinal injury? (<i>checking toes and legs for tingling, or numbness, noting there was no movement to legs or toes</i>)	A	20	0
4.6	Did First Aiders support and steady the head and body throughout the scenario?	A	10	0
4.7	Were First Aiders able to place patient in supine position with minimum movement?	A	20	0
4.8	Did First Aiders explain to patient what they were doing and need to rotate patient?	S	20	0
4.9	Did First Aiders ask patient to assist with the turn?	S	10	0
4.10	Did First Aiders identify the wound on the abdomen as the exit wound from the gun shot?	A	20	0
4.11	Did First Aiders cleanse the abdominal wound?	A	10	0
4.12	Did First Aiders dress the abdominal wound?	A	10	0
SECONDARY SURVEY PAGE 4 SUB-TOTAL (Possible 200)				

5	TREATMENT OF FRACTURED LOWER LEFT ARM			
5.1	Was the lower left arm fracture identified?	A	10	0
5.2	Was the distal circulation checked prior to immobilization?	A	10	0
5.3	Was the fracture to lower arm effectively immobilized?	A	20	0
5.4	Was the distal circulation checked after immobilization?	A	10	0
6	TREATMENT OF VOMITING			
6.1	Did First Aiders identify the vomiting?	A	10	0
6.2	Did First Aiders effectively clean the mouth to prevent choking?	A	10	0
7	TREATMENT OF BRUISES			
7.1	Did First Aiders identify bruises to face?	A	5	0
7.2	Did First Aiders identify bruises to arms and legs?	A	5	0
7.3	Did First Aiders effectively apply cold treatment to bruises?	A	10	0
8	TREATMENT OF SHOCK AND GENERAL			
8.1	Was the patient covered over?	A	10	0
8.2	Was the patient covered under?	A	10	0
8.3	Was the patient reassured at least twice?	A	10	0
8.4	Was the patient's temperature reassessed? <i>(pale, cool and moist throughout scenario)</i>	S/A	10	0
8.5	Was the patient's respiration's reassessed? <i>(22 and shallow)</i>	S/A	10	0
8.6	Was the patient's pulse reassessed? <i>(120 and weak)</i>	S/A	10	0
8.7	Were gloves worn throughout scenario?	A	10	0
8.8	Were gloves effective? <i>(e.g. not torn)</i>	A	10	0
SECONDARY SURVEY PAGE 5 SUB-TOTAL (Possible 170)				

9	RECORDING			
9.1	Was the date and time recorded?	A	5	0
9.2	Was the patient's name recorded?	A	5	0
9.3	Was the First Aiders names and signatures recorded?	A	5	0
9.4	Was the level of consciousness recorded?	A	5	0
9.5	Was the incident history recorded?	A	5	0
9.6	Was the gun shot wound to back recorded?	A	5	0
9.7	Was the gun shot wound to abdomen recorded?	A	5	0
9.8	Was the fracture to left arm recorded?	A	5	0
9.9	Was the suspected spinal injury recorded?	A	5	0
9.10	Was the numbness and tingling to lower extremities identified and recorded?	A	5	0
9.11	Was the treatment of bruises recorded?	A	5	0
9.12	Was the treatment of the lower left arm recorded?	A	5	0
9.13	Was the treatment of the gun shot wound on back recorded?	A	5	0
9.14	Was the treatment of the abdominal gun shot wound recorded?	A	5	0
9.15	Was the treatment of the possible spinal injury recorded?	A	5	0
9.16	Was the allergy to Penicillin recorded?	A	5	0
9.17	Were the respiration's recorded with the time taken?	A	5	0
9.18	Was the pulse recorded with the time taken?	A	5	0
9.19	Was the skin and temperature recorded?	A	5	0
9.20	Was the history of the medications taken - "the little pink pills" recorded?	A	5	0
SECONDARY SURVEY PAGE 6 SUB-TOTAL (Possible 100)				