

ST. JOHN AMBULANCE BRIGADE**1995 PATIENT CARE COMPETITION****SCENARIO 1****TEAM SCENARIO**

It is a nice summer morning about 10:00 am. You and your partner are doing electrical work at a cottage about 30 minutes out of town. You happen to notice that a neighbour is cutting his/her hedge with electric clippers while standing on a step ladder. As you enter the garage, you hear your neighbour yell out in pain and then you hear a thud.

Good luck with the problem. You have 15 minutes.

JUDGING/SIMULATING SCENARIO

It is a nice summer morning about 10:00 am. You and your partner are doing electrical work at a cottage about 30 minutes out of town. You happen to notice that a neighbour is cutting his/her hedge with electric clippers while standing on a step ladder. As you enter the garage, you hear your neighbour yell out in pain and then you hear a thud.

The team has 15 minutes to complete the problem.

The team may bring their first aid supplies into the accident scene prior to the patient being positioned.

PROPS AND EQUIPMENT FOR PROBLEM

Step ladder or cardboard to simulate a step ladder. (4 or 5 foot length).

A middle aged or older casualty, if possible, wearing casual clothing.

Electric hedge-clippers with extension cord. (A cardboard made to look like electric hedge-clippers with a rope to simulate an extension cord, still running should be written on cardboard or judge should state, still running.)

Medication container with small tablets (candy?) labelled Mr. XXXX, 0.6mg nitroglycerine, dissolve one tablet under the tongue. Relief should be apparent within one to two minutes. Maximum 3 tablets, 5 minutes apart over a 15 minute period. (If you speak to your local pharmacist, they may supply you with the appropriate container).

INJURIES AND PATIENT INFORMATION

1. Open fracture right (mid shaft) forearm, anterior side of arm. Small bone (2 cm or 3/4 inch) protruding from wound. Wound should be 2 inches or 5 cm long). Some blood should be visible, but not severe bleeding.
2. Closed fracture right collar bone. Discoloured lump to show bruising (lump should be in inch or 2.5 cm. in size). Lump should be felt through clothing.
3. Minor abrasion right cheekbone. (abrasion 1 inch or 2.5 cm).
4. Patient has had a history of angina for the past 5 years. He/she has been taking nitroglycerine tablets to relieve the pain as required, but has not taken any today.

SIMULATION

Check diagram and video for position of injuries and position of patient. This patient should be an older individual, approximately 40 to 60 years old. Casual clothing is acceptable; t-shirt, long pants or shorts. Patient should have a nitroglycerine container that contain tablets (candy).

Patient should be lying on his/her back clutching his chest, with his left hand. The step ladder is lying across his/her body and the hedge clipper is lying beside him/her with the trigger in a locked position, still running.

1. Open fracture right (mid shaft) forearm, anterior side of arm. Small bone (2 cm or 3/4 inch) protruding from wound. Wound should be 2 inches or 5 cm. long). Some dried blood should be visible, but not oozing.
2. Closed fracture right collar bone. Discoloured lump to show bruising (lump should be inch or 2.5 cm. in size). Lump should be felt through clothing.
3. Minor abrasion right cheekbone. (abrasion 1 inch or 2.5 cm). Abrasion should be 1 1/2 inches below right eye, right on cheekbone.
4. Shock (pale, clammy skin, excessive perspiration, face and forehead).
5. Patient will have a container of 0.6 mg. nitroglycerine tablets in pocket.

PATIENT PROMPTING

You have had a history of angina for the past 5 years. You have been taking nitroglycerine tablets to relieve the pain as required, but have not taken any tablets today.

While cutting your hedge you experience a sudden sharp pain in your chest and fall from the step ladder. To protect yourself you extend your right arm as you fall to the ground. The impact results in an open fracture to your right arm and a closed fracture to your right collar bone. Both fractures cause pain if handled, but are secondary to your chest pains. You have a small abrasion on your right cheek that you don't even notice.

You complain of pain to your chest and it continues to worsen even if the first aider helps you take your nitroglycerine tablets. After about 10 minutes it is an excruciating crushing pain and you become quite anxious, restless and gasping for breath.

VITAL SIGNS	Initial	Second time
LOC	- alert & oriented	conscious, anxiety
Pulse	- 90 weak & irregular	120 weak & irregular
Respirations	- 20 shallow & irregular	30 gasping & irregular
Pupils	- slightly dilated, equal & reactive	Same
Skin	- pale, cool, clammy, sweating	grey, cold, profuse sweating

MEDICAL INFORMATION

Angina Pectoris - for last 5 years
Medication - Nitroglycerine 0.6mg (carried by patient)
Allergies - none

1895 Brigade Patient Competition

Scenario 1

Judges Notes:

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

Check the patient's position and all the simulation and injuries for accuracy. Ensure the step ladder and electric hedge clippers with extension cord are appropriately placed.

() - Information Requested, judges prompt A - Actions Taken S - Statement

IMMEDIATE ACTION (within first two minutes)

1.	Did first aider take charge.....	A	10	0
2.	Did first aider shout for help	A	05	0
3.	Did team assess for hazards..... (step ladder and electric hedge clippers)	A/S	10	0
4.	Did team secure the scene..... (Was hedge clipper shut off or disconnected and removed to a safe area and was step ladder removed to a safe area)	A/S	20	0
5.	Did first aiders protect themselves by using gloves..... (The first aider providing direct care must be wearing gloves)	A	15	0
6.	Did the first aiders identify themselves	A	10	0
7.	Was permission to help the patient obtained.....	A/S	10	0
8.	Was the casualty warned not to move.....	A/S	10	0
9.	Did first aiders assess responsiveness.....	A	10	0
10.	Did first aiders ensure an adequate airway.....	A/S	10	0
11.	Did first aiders assess for severe bleeding..... (No SEVERE bleeding)	A/S	10	0
12.	Did the team send for medical help right away.....	S	20	0

SECONDARY ACTION

13.	Did team ask patient questions to determine the history of the situation.....	S	10	0
14.	Did team ask patient where does it hurt..... (My chest, my right shoulder area and my right forearm)	S	10	0
15.	Was patient kept in position found during examination...	A	10	0
16.	Was constant monitoring of pulse and respirations maintained (at least three times).....	A	10	0
17.	Was patient questioned about medical conditions..... (Angina for 5 years)	S	10	0
18.	Was patient asked about Angina (it is a heart..... condition)	S	10	0
19.	Was patient asked about medications for Angina or Heart Condition (Nitroglycerine).....	S	10	0
20.	Was patient asked if they had their medication with them (Yes, in pocket)	S	10	0
21.	Was patient questioned when Nitroglycerine last taken... (Answer should be not today, only take it as needed)	S	10	0
22.	Was patient questioned if chest pain was Angina..... (Answer should be yes)	S	10	0
23.	Was patient asked if he/she required their Nitroglycerine (Answer should be yes)	S	10	0
24.	Did First Aider assist patient to take own medication....	A/S	10	0
25.	Did First Aider observe 5 rights when assisting with medication. (Five rights are, right person, right time right medication, right dose and right route).....	A/S	20	0
26.	Was patient questioned about allergies (nil).....	S	10	0
			150	

27. Vitals: Did team perform suitable assessment of the following			
Pulse Check (once)(correct to 80 weak and irregular).....	A	10	0
Pulse Check (twice)(correct to 120 weak and irregular)...	A	10	0
Respiration Check (once)(correct to 20, shallow & (irregular).....	A	10	0
Respiration Check (twice)(correct to 30, gasping and (irregular).....	A	10	0
Temperature and Skin Condition (once)(correct to cool, clammy and sweating).....	A	10	0
Pupils (correct to slightly dilated, equal and reactive..	A	10	0

28. **Secondary Assessment**

Did team perform suitable assessment of the following

Skull (no bumps, indentations, or bleeding).....	A/S	05	0
Face (abrasion right cheekbone).....	A/S	10	0
Ears (as found, no fluids).....	A/S	05	0
Eyes (as found, slightly dilated, equal and reactive)...	A/S	05	0
Nose (as found, no fluids).....	A/S	05	0
Mouth (no injury, fluid or odor).....	A/S	05	0
Jaw (as found, no injury).....	A/S	05	0
Neck (as found, no injury).....	A/S	05	0
Back/Spine (no injury).....	A/S	05	0
Chest (no injury, but chest pain from Angina, air entry symmetrical, shallow and irregular respirations).....	A/S	10	0
Abdomen (as found, no injury).....	A/S	05	0
Right clavicle (closed fracture).....	A/S	10	0
Left clavicle (as found, no injury).....	A/S	05	0
Right arm (Open fracture).....	A/S	10	0
Left arm (as found, no injury).....	A/S	05	0
Pelvic area (as found, no injury).....	A/S	05	0
Right leg (as found, no injury).....	A/S	05	0
Left leg (as found, no injury).....	A/S	05	0

170

TREATMENTS**29. Angina or Heart Condition**

Was Heart Attack, Angina or Heart Condition identified..	A/S	05	0
Was patient assisted with medication (first time).....	A/S	10	0
Was patient assessed that medication was not working....	A/S	10	0
Was patient assisted with medication (second time).....	A/S	10	0
Was patient assessed that medication second time was not relieving the pain.....	A/S	10	0
Was patient assisted with medication (third time).....	A/S	10	0
Was patient assessed that medication third time was not relieving the pain.....	A/S	10	0
Was it noted that this was an emergency and patient needed medical attention as soon as possible.....	A/S	10	0
Was patient placed in semi sitting position or position of comfort to assist breathing.....	A	10	0

30. Fractured Right Forearm

Was fractured right forearm identified.....	A/S	05	0
Was open wound effectively bandaged..... (Sterile dressing with padding around bone)	A	10	0
Was fracture effectively immobilized.....	A	10	0
Was distal circulation checked to right hand.....	A	05	0
Was right arm elevated.....	A	10	0

31. Suspected Fractured Right Clavicle

Was fractured right clavicle identified.....	A/S	05	0
Was fracture effectively immobilized.....	A	10	0
Was distal circulation check to right hand bearing in mind fracture to right forearm.....	A	05	0
Was attempt made to control swelling (cold compress)....	A	05	0

32. Treatment of Abrasion to Right Cheek

Was abrasion of right cheek identified.....	A/S	05	0
Was right cheek abrasion effectively treated..... (sterile dressing or bandaid)	A	05	0

33. General Condition of Casualty

Was patient treated for Shock (under with blanket).....	A	05	0
Was patient treated for Shock (over with blanket).....	A	05	0

170

**RECORDING (Team may complete recording after time called if not finished
Should use Provincial Patient Care Record)**

34.	Was the time and date of incident recorded.....	A	05	0
35.	Was name and address recorded.....	A	05	0
36.	Was pulse check recorded, with time noted (at least three times).....	A	05	0
37.	Was respirations recorded, with time noted (at least three times).....	A	05	0
38.	Was skin conditions recorded.....	A	05	0
39.	Was pupil check recorded.....	A	05	0
40.	Was injury to right clavicle recorded.....	A	05	0
41.	Was treatment to right clavicle recorded.....	A	05	0
42.	Was injury to right forearm recorded.....	A	05	0
43.	Was treatment to right forearm recorded.....	A	05	0
44.	Was injury to right cheekbone recorded.....	A	05	0
45.	Was treatment to right cheekbone recorded.....	A	05	0
46.	Was Chest pain caused by Angina or Heart Attack recorded	A	05	0
47.	Was medication assisted to patient recorded.....	A	05	0
48.	Was effective of medication recorded (did not improve pain) recorded.....	A	05	0
49.	Was history of incident recorded.....	A	05	0
50.	Was no allergy recorded.....	A	05	0
51.	Was record signed by both first aiders.....	A	05	0

SUMMARY

Total pg.5 _____ pg.6 _____ pg.7 _____ pg.8 _____ pg.9 _____

Total Actual Marks _____

Total Possible Marks for	pg. 5	140
	pg. 6	150
	pg. 7	170
	pg. 8	170
	pg. 9	90

Total Possible Marks 720

Team Time Start _____ Time Stop _____

Team Name _____ Floor Position _____

Division _____

Member 1 _____

Member 2 _____

Team Category _____

Judges _____
