2016

St. John Ambulance OMFRC Competition First Aid Challenge

TEAM SCENARIO

Scenario # 2 - "... And they all fell down"

Background Scenario

You and your team are Providing First Aid Services for the UOIT evacuation site.

Your team has been assigned the post of the "south quarter" of the campus to monitor, which includes the ponds, waterways, bridges and a number of park like areas.

As you are travelling around the campus you hear screams for help.

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

There will be a 3 minute warning signify the end of the primary survey.

There will also be a 2 minute left signal for the team's benefit.

THIS PAGE IS GIVEN TO TEAMS AT THE BEGINNING OF THE SCENARIO

CASUALTY SIMULATORS INFORMATION - Site #2 @ compost



(BACKGROUND - NOT TO BE SHARED WITH COMPETITORS)

Overall Scenario for the event: It has been a wet season so far in 2016, which has lead to heavy rainfall and a number of communities forced to evacuate the flooded areas to central locations as temporary shelters. The University of Ontario has been transformed into one such evacuation center. The teams are providing on site first aid and infirmary coverage to the over 2000 displaced people at this site in the GTA. Through out the day, teams will be assigned different "posts" to monitor and provide coverage.

<u>Scenario Information:</u> (Info sheet given to teams just before beginning of scenario) You and your team are Providing First Aid Services for the UOIT evacuation site. Your team has been assigned the post of the "south quarter" of the campus to monitor, which includes the ponds, waterways, bridges and a number of park like areas. As you are travelling around the campus you hear screams for help.

Scenario Set Up:

- Total number of patients: 2
- Patient #1 lying supine (on back) in a forested type area with impaled stick through the stomach which is still attached to the ground = unable to move. This person is UNCONSCIOUS for the first 10 minutes of the scenario.
- Patient #2 lying prone (on stomach) in same forested area screaming in pain.

Timing Notes:

- There will be a 3 minute warning to signify the end of the primary survey. Teams will ONLY be able to score points from the first page during the first 3 minutes!
- There will be a 10 minute mark of the scenario to indicate when Patient #1 becomes conscious/ wakes and screaming.
- There will also be a 2 minute remaining signal for the team's benefit.
- Teams will be given 5 minutes after the scenario to complete paperwork while scenario re-set occurs.

CASUALTY SIMULATORS INFORMATION

Patient #1 - "IMPALED"



SIMULATION:

Information	Casualty Simulation Required
 Unconscious for first 	 No Response for first 10 minutes.
10 minutes	 Ensure patient is aware of situation and SAMPLE.
 Impaled through 	 3-4" stick impaled through the mid abdomen
Abdomen	 Moderate bleeding, soaked though hole in shirt.
 Head and Spinal 	Pain in head, headache.
Injury	
Shock	Pale, Cool and Clammy skin

SAMPLE/ HISTORY:

<u> </u>	WI EL/ HISTORY.
S	1). Fall onto tree stump – impaled through the abdomen
	2.) Head and Spinal injury from fall.
	** Unconscious until the 10 minute mark, regains consciousness and is VERY upset about
	injuries. While unconscious - the patient moans when touched in injury areas and if
	teams attempts to move the casualties off the planted stump.
A	None
M	None
P	None
L	"First thing this morning."
E	After waking: You and your friends were playing the trees. You decided to climb higher
	and remember the branches making a cracking sound. You don't remember anything else
	until you woke up and you have a tree stump through your stomach.

VITAL SIGNS:

	1st SET (repeat if before 10 min.)	2 nd SET (after 10 min.)
RESP.	10 Shallow & Regular	24 Shallow & Regular
PULSE	122 Rapid & Thready	126 Rapid & Thready
B/P	134/84	186/104
SKIN	Pale, cool, clammy	Pale, cool, clammy
LOC	Unconscious	Conscious
PUPILS	Sluggish	Equal & Reactive



** PATIENT HAS BEEN ROLLED FOR THIS PHOTO!

SIMULATION:

OMICEATION:					
Information	Casualty Simulation Required				
 Conscious 	 Ensure patient is aware of situation and SAMPLE. 				
	 Lying supine in forest area. 				
 Head and Spinal 	 Pain in mid and upper back areas after fall. 				
 Bilateral Closed 	 Large swelling pads on front of mid thighs 				
Femur Fractures	Bruising				
Closed Upper LEFT	Swelling and bruising to mid upper arm.				
arm Fracture					
Shock	 Pale, Cold, clammy skin 				

SAMPLE/ HISTORY:

S	1.) Fall from height in tree = Head and Spinal injury
	2.) Bilateral Closed Fractured Femurs (both) = SEVERE PAIN!!
	3.) Closed fracture to LT Upper arm/ Humerus
A	None
M	None
P	None
L	Had a snack about 30 minutes ago.
E	You and your friend were up in the trees climbing when the branch above you; where
	your friend was snapped causing them to fall onto you, and the both of you falling to the
	ground. Height was approx. 25ft.

VITAL SIGNS:

	1 st SET	2 nd SET
RESP.	22 Crying, Laboured	20 deep, laboured
PULSE	110 Bounding & Rapid	90 Regular & Full
B/P	166/96	150/94
SKIN	Pale, cool, clammy	Pale, cool, clammy
LOC	Conscious	Conscious
PUPILS	Equal & Reactive	Equal & Reactive

CYCLE#	TEAM#
CYCLE #	TEAM #

NO.	DONE NOT	DONE	SCENE/PRIMARY SURVEY	
1	√	X	Did the team TAKE CHARGE of the situation?	
2	√	X	Did the team wear protective GLOVES?	
3	✓	X	Did the team CALL OUT FOR HELP from bystanders	i?
4	✓	X	Did the team ASSESS for HAZARDS?	
5	✓	X	Did the team adequately REMOVE ALL HAZARDS?	
6	✓	X	Did the team DETERMINE/STATE the MECHANISM	OF INJURY?
7	✓	Χ	Did the team DETERMINE the NUMBER OF CASUA	LTIES?
8	✓	X	Did the team RULE IN C-Spine injury?	
9	✓	Χ	Did the team WARN PATIENT "DO NOT MOVE"?	
10	✓	X	Did the team IMMEDIATELY CONTROL HEAD/NECK	(?
11	✓	Χ	Did the team ID SELF and OBTAIN CONSENT?	
12	✓	X	Did the team ASSESS LEVEL OF CONSCIOUSNESS?	
13	✓	Χ	Did the team ASSESS AIRWAY in position fou	Open
14	✓	X	Did the team ASSESS BREATHING?	10 Shallow & Regular
15	✓	Χ	Did the team ASSESS SKIN CONDITION (Circu	Pale/cool/clammy
16	✓	Χ	Did the team PERFORM A RAPID BODY SURV	Abdo Wound
17	\checkmark	X	Did the team IMMEDIATELY COVER WITH A BLANK	(ET for shock and warm)
18	✓	X	Did the team ACTIVATE EMS/AMBULANCE?	
			Total of SCENE/PRIMARY SURVEY	

JUDGES NOTE:

This section is active for the first 3 minutes of the scenario only! During these first 3 minutes, the competitor may perform the actions that are both listed here and in the Secondary Survey. After the 3 minutes, the competitor is eligible to receive marks only in the Secondary Survey and no marks may be awarded in this Primary Survey.

Actions in this section may be done in any order.

SECONDARY SURVEY

Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey. After the 3 first minutes, this is the only section that points shall be awarded to. Actions in this section may be done in any order.

NO.	DONE NOT	DONE	HISTORY OF THE PATIEN	NT
19	✓	X	Did the team ask about SYMPTOMS	Neck & Abdo Pain
20	✓	X	Did the team ask about ALLERGIES?	None
21	✓	X	Did the team ask about MEDICATIONS?	None
22	✓	X	Did the team ask about MEDICAL HISTORY?	None
23	✓	X	Did the team ask about LAST ORAL INTAKE?	"First thing this am"
24	✓	X	Did the team determine INCIDENT HISTORY?	heard crack, woke as is
			1st Set of VITAL SIGNS	
25	✓	X	Did the team check LEVEL OF CONSCIOUSNE	Unconscious
26	✓	X	Did the team check RESPIRATIONS?	10 Shallow & regular
27	✓	X	Did the team check PULSE?	122 Rapid & Thready
28	✓	X	Did the team check SKIN CONDITION/TEMP?	Pale/Cool/Clammy
29	✓	X	Did the team check PUPILS?	Sluggish
			HEAD TO TOE EXAMINATION	
30	✓	X	Check SCALP/HEAD?	No Findings
31	✓	X	Check both EYES?	No Findings
32	✓	X	Check NOSE?	No Findings
33	✓	X	Check CHEEKBONES?	No Findings
34	✓	X	Check MOUTH?	No Findings
35	✓	X	Check JAW?	No Findings
36	✓	X	Check both EARS?	No Findings
37	✓	X	Check NECK?	Moaning, Pain on palp.
38	✓	X	Check both COLLARBONES?	No Findings
39	✓	X	Check both SHOULDERS?	No Findings
40	✓	X	Check RIGHT ARM?	No Findings
41	✓	X	Check LEFT ARM?	No Findings
42	✓	X	Check CHEST?	No Findings
43	✓	X	Check ABDOMEN?	embedded stick/bleed
44	✓	Χ	Check BACK?	No Findings
45	✓	X	Check PELVIS?	No Findings
46	✓	Χ	Check RIGHT LEG?	No Findings
47	✓	X	Check LEFT LEG?	No Findings
			Total of SECONDARY SURVEY	

SITE # 2 -"...And they all fell down" FIRST AID / TREATMENT

Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey. After the 3 first minutes, this is the only section that points shall be awarded to. Actions in this section may be done in any order.

NO.	DONE NO	OT DONE	HEAD AND SPINAL CARE	
48	✓	X	Did the team maintain HEAD/NECK SUPPORT THE	ROUGHOUT SCENARIO?
		PANIC	CUPON REGAINING CONSCIOUSNESS (AT 10 MIN.	MARK)
49	✓	X	Did the team IMMEDIATE RE-ID THEMSELVES & G	GET CONSENT?
50	✓	X	Did the team attempt to CALM/ REASSURE THE P	ATIENT?
51	✓	X	Did the team WARN THE CONSCIOUS PATIENT NO	OT TO MOVE?
			IMBEDDED OBJECT IN MID ABDOMEN	
52	✓	X	Did the team APPLY STERILE DRESSINGS around t	he base of the object?
53	✓	X	Did the team APPLY PADDING TO ADEQUATELY S	ECURE OBJECT?
54	✓	X	Did the team RE-ASSESS DRESSINGS AFTER CARE	FOR SATURATION?
			SHOCK & GENERAL CARE	
55	✓	X	Did the team COVER OVER the patient with a BLA	NKET?
56	✓	X	Did the team REASSURE the patient about their C	OWN CARE?
57	✓	X	Did the team REASSURE the patient about their F	RIENDS CARE?
58	✓	X	Did the team RE-check LEVEL OF CONSCIOUS	Conscious
59	✓	X	Did the team RE-check RESPIRATIONS?	24 Shallow & Regular
60	✓	X	Did the team RE-check PULSE?	126 Rapid & Thready
61	\checkmark	X	Did the team RE-check SKIN CONDITION/TEN	Pale/Cool/Clammy
62	✓	X	Did the team RE-check PUPILS?	Equal/Reactive
63	✓	X	Did team INFORM UNIVERSITY about on site incid	lent?
64	✓	X	Were GLOVES EFFECTIVE THROUGHOUT? (Torn g	gloves MUST be replaced
			Total of FIRST AID/TREATMENT	

			SITE # ZAnd they all lell down
NO.	DONE NO	DT DONE	RECORDING/ DOCUMENTATION
65	✓	X	Was ALL of the patients PERSONAL INFORMATION recorded?
66	✓	X	Was the INCIDENT TIME AND DATE recorded?
67	✓	X	Was the INCIDENT LOCATION recorded?
68	✓	X	Was the INCIDENT HISTORY (Accurately) recorded?
69	✓	X	Was the patients ALLERGIES recorded?
70	✓	X	Was the patients MEDICATIONS recorded?
71	✓	X	Was the patients MEDICAL HISTORY recorded?
72	✓	X	Was the LAST ORAL INTAKE recorded?
73	✓	X	Was the patients INITIAL LOC recorded?
74	✓	X	Was the suspected Head & Spinal Injury recorded?
75	✓	X	Was the ABDOMINAL TRAUMA/INJURY recorded?
76	✓	X	Was suspected SHOCK recorded?
	Vita	I Signs <u>N</u>	MUST HAVE the TIME recorded as well, to be awarded points !!!
77	✓	X	Was 1st set of vital signs - LEVEL OF CONSCIOUSNESS recorded?
78	✓	X	Was 1st set of vital signs - RESPIRATIONS recorded?
79	✓	X	Was 1st set of vital signs - PULSE recorded?
80	✓	X	Was 1st set of vital signs - SKIN CONDITION recorded?
81	✓	X	Was 1st set of vital signs - PUPILS recorded?
82	✓	X	Was 2nd set of vital signs - LEVEL OF CONSCIOUSNESS recorded?
83	✓	X	Was 2nd set of vital signs - RESPIRATIONS recorded?
84	✓	X	Was 2nd set of vital signs - PULSE recorded?
85	✓	X	Was 2nd set of vital signs - SKIN CONDITION recorded?
86	√	X	Was 2nd set of vital signs - PUPILS recorded?
87	✓	X	Was the CHANGE IN LOC recorded (with approx. time)?
88	✓	X	Was the MANNUAL C-SPINE STABILIZATION recorded?
89	✓	X	Was the CARE for ABDOMINAL TRAUMA recorded?
90	✓	X	Was the USE OF A BLANKET recorded?
91	✓	X	Was the NOTIFICATION OF EMS recorded?
92	✓	X	Was the NAME(S) of the first aid team LEGIBLY recorded?
			Total of FIRST AID/TREATMENT

CYCLE#	TEAM #	

NO.	DONE NO	T DONE	SCENE/PRIMARY SURVEY	
150	✓	X	Did the team TAKE CHARGE of the situation?	
151	✓	X	Did the team wear protective GLOVES?	
152	✓	X	Did the team CALL OUT FOR HELP from bystanders?	
153	✓	X	Did the team ASSESS for HAZARDS?	
154	✓	X	Did the team adequately REMOVE ALL HAZARDS?	
155	✓	X	Did the team DETERMINE/STATE the MECHANISM (OF INJURY?
156	✓	X	Did the team DETERMINE the NUMBER OF CASUAL	TIES?
157	✓	X	Did the team RULE IN HEAD/NECK INJURY?	
158	✓	X	Did the team WARN PATIENT "DO NOT MOVE"?	
159	✓	X	Did the team IMMEDIATELY CONTROL HEAD/NECK	?
160	✓	X	Did the team ID SELF and OBTAIN CONSENT?	
161	✓	X	Did the team ASSESS LEVEL OF CONSCIOUSNESS?	
162	✓	X	Did the team ASSESS AIRWAY?	Open
163	✓	X	Did the team ASSESS BREATHING?	22 Crying/Laboured
164	✓	X	Did the team ASSESS SKIN CONDITION (Circu	Pale/Cool/Clammy
165	✓	X	Did the team PERFORM A RAPID BODY SURV	No Gross Bleeds
166	✓	X	Did the team COVER WITH A BLANKET for shock and	d warmth?
167	✓	X	Did the team ACTIVATE EMS/AMBULANCE?	
			Total of SCENE/PRIMARY SURVEY	

JUDGES NOTE:

the competitor may perform the actions that are both listed here and in the Secondary Survey. After the 3 minutes, the competitor is eligible to receive marks only in the Secondary Survey and no marks may be awarded in this Primary Survey. Actions in this section may be done in any order.

Score Sheet for Patient #2 - "Bi-Lat."

SECONDARY SURVEY

Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey. After the 3 first minutes, this is the only section that points shall be awarded to. Actions in this section may be done in any order.

NO.	DONE	NOT DONE	HISTORY OF THE PATI	ENT
168	\checkmark	X	Did the team ask about SYMPTOMS	Leg, Arm, Back Pain
169	\checkmark	X	Did the team ask about ALLERGIES?	None
170	\checkmark	X	Did the team ask about MEDICATIONS?	None
171	\checkmark	X	Did the team ask about MEDICAL HISTORY?	None
172	\checkmark	X	Did the team ask about LAST ORAL INTAKE?	Snack about 30 Min. Ago
173	\checkmark	X	Did the team determine INCIDENT HISTORY?	Fell 25ft from trees
			1st Set of VITAL SIGNS	
174	\checkmark	X	Did the team check LEVEL OF CONSCIOUSNE	Conscious
175	\checkmark	X	Did the team check RESPIRATIONS?	22 Crying, Laboured
176	\checkmark	X	Did the team check PULSE?	110 Bounding & Rapid
177	\checkmark	X	Did the team check SKIN CONDITION/TEMP?	Pale/Cool/Clammy
178	\checkmark	X	Did the team check PUPILS?	Equal/Reactive
			HEAD TO TOE EXAMINATION	
179	✓	X	Check SCALP/HEAD?	No Findings
180	\checkmark	X	Check both EYES?	No Findings
181	✓	X	Check NOSE?	No Findings
182	\checkmark	X	Check CHEEKBONES?	No Findings
183	✓	X	Check MOUTH?	No Findings
184	\checkmark	X	Check JAW?	No Findings
185	\checkmark	X	Check both EARS?	No Findings
186	\checkmark	X	Check NECK?	No Findings
187	\checkmark	X	Check both COLLARBONES?	No Findings
188	\checkmark	X	Check both SHOULDERS?	No Findings
189	\checkmark	X	Check RIGHT ARM?	No Findings
190	\checkmark	X	Check LEFT ARM?	Closed Fx Humerus
191	\checkmark	X	Check CHEST?	No Findings
192	\checkmark	X	Check ABDOMEN?	No Findings
193	\checkmark	X	Check BACK?	Pain Mid/Upper Back
194	\checkmark	X	Check PELVIS?	No Findings
195	\checkmark	X	Check RIGHT LEG?	Closed Fx Femur
196	\checkmark	X	Check LEFT LEG?	Closed Fx Femur
	I		Total of SECONDARY SURVEY	

Score Sheet for Patient #2 - "Bi-Lat."

SITE # 2 -"...And they all fell down" FIRST AID / TREATMENT

Actions in this section may be performed by the competitor in the first 3 minutes of the scenario as well as the Primary Survey. After the 3 first minutes, this is the only section that points shall be awarded to. Actions in this section may be done in any order.

NO.	DONE NOT	DONE	SPINAL IMMOBILIZATION	
197	√	X	Did the team maintain HEAD/NECK SUPPORT THROU	GHOUT SCENARIO?
			LEFT HUMERUS - CLOSED FRACTURE	
198	√	X	Did the team CHECK CIRCULATION BEFORE SPLINTING	G?
199	\checkmark	X	Did the team APPLY a STANDARD ARM SLING WITH 3	2 BANDAGES?
200	\checkmark	X	Did the team RE-CHECK CIRCULATION BEFORE SPLIN	TING?
201	✓	X	Did the team APPLY ICE FOR SWELLING?	
			204	
202	✓	X	Did the team CHECK CIRCULATION BEFORE SPLINTING	G?
203	✓	X	Did the team SPLINT LEG EFFECTIVELY?	
204	✓	X	Did the team RECHECK CIRCULATION AFTER SPLINTIN	NG?
205	✓	Χ	Did the team APPLY COLD PACK for swelling?	
			RIGHT FEMUR- CLOSED FRACTURE	
206	✓	X	Did the team CHECK CIRCULATION BEFORE SPLINTING	G?
207	✓	X	Did the team SPLINT LEG EFFECTIVELY?	
208	✓	X	Did the team RECHECK CIRCULATION AFTER SPLINTIN	NG?
209	✓	X	Did the team APPLY COLD PACK for swelling?	
			SHOCK & GENERAL CARE	
210	✓	X	Did the team REASSURE the patient about their OWN	I CARE?
211	✓	X	Did the team RE-check LEVEL OF CONSCIOUS	Conscious
212	✓	Χ	Did the team RE-check RESPIRATIONS?	20 Deep, Laboured
213	✓	X	Did the team RE-check PULSE?	90 Regular & Full
214	✓	Χ	Did the team RE-check SKIN CONDITION/TEN	Pale/Cool/Clammy
215	✓	X	Did the team RE-check PUPILS?	Equal/Reactive
216	✓	X	Were GLOVES EFFECTIVE THROUGHOUT? (Torn glov	es MUST be replaced
			Total of FIRST AID/TREATMENT	

Score Sheet for Patient #2 - "Bi-Lat."

			SITE # 2 -"And they all fell down"
NO.	DONE	NOT DON	E RECORDING/ DOCUMENTATION
217	√	X	Was ALL of the patients PERSONAL INFORMATION recorded?
218	1	X	Was the INCIDENT TIME AND DATE recorded?
219	√	X	Was the INCIDENT LOCATION recorded?
220	√	X	Was the INCIDENT HISTORY (Accurately) recorded?
221	√	X	Was the patients ALLERGIES recorded?
222	✓	X	Was the patients MEDICATIONS recorded?
223	✓	X	Was the patients MEDICAL HISTORY recorded?
224	✓	X	Was the LAST ORAL INTAKE recorded?
225	✓	X	Was the suspected HEAD AND NECK INJURY recorded?
226	✓	X	Was the suspected CLOSED FX LEFT HUMERUS recorded?
227	\checkmark	X	Was the LEFT CLOSED FX FEMUR recorded?
228	✓	X	Was the RIGHT CLOSED FX FEMUS recorded?
	\	/ital Signs <u> </u>	MUST HAVE the TIME recorded as well, to be awarded points !!!
229	√	X	Was 1st set of vital signs - LEVEL OF CONSCIOUSNESS recorded?
230	✓	X	Was 1st set of vital signs - RESPIRATIONS recorded?
231	√	X	Was 1st set of vital signs - PULSE recorded?
232	√	X	Was 1st set of vital signs - SKIN CONDITION recorded?
233	√	X	Was 1st set of vital signs - PUPILS recorded?
234	✓	X	Was 2nd set of vital signs - LEVEL OF CONSCIOUSNESS recorded?
235	√	X	Was 2nd set of vital signs - RESPIRATIONS recorded?
236	√	X	Was 2nd set of vital signs - PULSE recorded?
237	√	X	Was 2nd set of vital signs - SKIN CONDITION recorded?
238	✓	X	Was 2nd set of vital signs - PUPILS recorded?
239	√	X	Was the LOG ROLL ONTO BACK recorded?
240	√	X	Was the IMMOBILIZATION on the backboard recorded?
241	✓	X	Was the CIRCULATION FOR LEFT ARM -BEFORE AND AFTER recorded
242	√	X	Was the CARE FOR FX HUMERUS recorded?
243	✓	X	Was the CIRCULATION FOR BOTH LEGS -BEFORE AND AFTER recorded
244	√	X	Was the CARE FOR FX LEFT FEMUR recorded?
245	\checkmark	X	Was the CARE FOR FX RIGHT FEMUR recorded?
246	✓	X	Was the NOTIFICATION OF EMS recorded?
247	✓	X	Was the NAME(S) of the first aid team LEGIBLY recorded?
			RECORDING/ DOCUMENTATION