

2015

**St. John Ambulance
Ontario Medical First Response Competition
Provincial Competition**

TEAM SCENARIO

Scenario 5 - “Ka-boom”

Background Scenario

You and your team are Providing First Aid Services at the major sporting event. It is the end of another event filled day and your crew has been assigned the post at the main arena. It is a bright and sunny day and you are enjoying the events. Suddenly you hear a loud rumble from inside the halls of the grandstand and people are running out towards you saying there was an explosion in a locker room.

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**

2015 OMFRC Provincial Competition SFA Scenario 5

CASUALTY SIMULATORS INFORMATION

Scenario : “Ka-boom”



(BACKGROUND – NOT TO BE SHARED WITH COMPETITORS)

Total Patients: 2 dressed in Athletic Clothing

- Location: Locker room.

In the locker room, 2 athletes are getting ready for their events when one hears a ticking noise and then a sudden explosion from one of the lockers. Both athletes sustain major trauma.

- (1) Large laceration across the stomach from shrapnel with major organs protruding severely, amputation of left hand with severe bleed (arterial/ spurting)
- (2) 1st and 2nd degree burns on face, arms and chest (Singed clothing.) embedded metal x8 shrapnel in right arm and side, hearing loss/ringing in ears.

NOTE:

- There will be a 3 minute warning to the judges to signify the end of the primary survey.
- There will also be a 2 minute remaining signal for the team's benefit.

PROPS (Per Scenario/Team)

- 2 Casualties in athletic clothing preferably singed and cut appropriately for injury
- black soot to spread on lockers and floor
- shrapnel (metal, screws, wire pieces spread on floor and in wounds)
- fake detonation device singed/ black with smoke to be on the floor between patients.
- Amputated LEFT hand – 1 missing hand per scenario.
- Blood pool on floor and enough to pump out stump until controlled by team.
- Case of water or eye wash station on wall nearby for water source for burnt patient
- IF POSSIBLE (source: fire department) electronic fire simulator OR fake fire simulated to have teams “put out”
- Electronic fire extinguishers OR fire extinguishers for crew to “put out a small fire” with.
- PCR's (SFA & MFR)
- First aid kit (SFA and MFR)
- Blankets x2 (SFA & MFR)

2015 OMFRC Provincial Competition SFA Scenario 5

CASUALTY SIMULATORS INFORMATION ~ “Ka-Boom”

Casualty 1 –Amputated Arm/ Abdo Wounds:

(Laying on back, on the floor screaming in pain, hand nearby.)



Information	Casualty Simulation Required
<ul style="list-style-type: none">Conscious Patient laying on their back	<ul style="list-style-type: none">Patient is experiencing SEVERE pain – screaming/crying out
<ul style="list-style-type: none">Amputated LEFT hand at the wrist with severe bleeding.	<ul style="list-style-type: none">Hand covered in stocking with simulation over. Squirting blood from end of stump (use de-lee bulb pump in same hand)
<ul style="list-style-type: none">Large 6” Laceration across stomach with hanging piece of intestine	<ul style="list-style-type: none">Large LAC with moderate bleeding, (Use non-latex condom with red/soaked tissue inside for intestines.)
<ul style="list-style-type: none">Shock	<ul style="list-style-type: none">pale, cool, sweaty skin

HISTORY:

- You were getting ready for your event here in the locker room when you heard a ticking noise in one of the lockers and you went to investigate with another athlete. Suddenly the locker door exploded and you felt sudden pain in your arm and stomach and are now on the ground.
- You are surprised by the events, repeating “What happened?” and you are in disbelief over the events.

VITAL SIGNS:

	1 st SET	2 nd SET
RESP.	26 laboured	24 laboured
PULSE	90 rapid, regular	94 rapid, regular
SKIN	Pale, cool, clammy	Pale, cool, clammy
LOC	Conscious	Conscious
PUPILS	Equal & Reactive	Equal & Reactive

SAMPLE:

Allergies: None

Medications: None

Past Medical History: None

Last meal: 2 hours ago

CASUALTY SIMULATORS INFORMATION ~ “Ka-Boom”

Casualty 2 – Burned Patient:(Laying on back closest to the exploded locker)



Information	Casualty Simulation Required
<ul style="list-style-type: none"> 1st and 2nd degree burns to full face, chest and arms 	<ul style="list-style-type: none"> Red and blisters covering entire space indicated. Singed shirt on the front panel.
<ul style="list-style-type: none"> 8 Pieces of metal shrapnel (broken metal AND screws/Nails) embedded in RIGHT arm and side. (5 in forearm back and 3 in ribs and side from turning away) 	<ul style="list-style-type: none"> Imagine the casualty raised arm to cover face and where the metal pieces would have embedded themselves. Minor bleeding from all sites.
<ul style="list-style-type: none"> Shock 	<ul style="list-style-type: none"> pale, cold, sweaty.

HISTORY:

- You were getting ready for your event here in the locker room when you heard a ticking noise in one of the lockers and you went to investigate with another athlete. Suddenly the locker door exploded and you felt the heat come and hit you like a brick wall.
- It hurts to breathe, you can't take a deep breath.
- You are surprised by the events, repeating “What happened?” and you are in disbelief over the events.

VITALSIGNS:

	1 st SET	2 nd SET
RESP.	12 laboured	12 laboured
PULSE	118 Strong and Rapid	110 strong and Regular
SKIN	Pale, cool, clammy	Pale, cool, clammy
LOC	Conscious	Conscious
PUPILS	Equal and Reactive	Equal and Reactive

Allergies:None

Medications:Vitamins

Past Medical History:None

Last meal:2 hours ago

2015 OMFRC Provincial Competition SFA Scenario 5

OMFRC Challenge – SFA Level

“Ka-Boom” TEAM SCENARIO

Team Number _____ Unit: _____

Team Member #1 _____

Team Member #2 _____

Team Member #3 _____

Team Member #4 _____

Judges' Names _____

Casualty 1 – “Amputation/Abdo wounds”:

Page 6- Primary Survey (Possible 170) Sub-Total _____

Page 7 - Secondary Survey (Possible 250) Sub-Total _____

Page 8 -Tx, Shock & General (Possible 170) Sub-Total _____

Page 9 - Recording (Possible 200) Sub-Total _____

Casualty 1 (Possible 790) **Total** _____

Casualty 2 – “Burned Patient”:

Page 10 - Primary Survey (Possible 140) Sub-Total _____

Page 11– Secondary Survey (Possible 250) Sub-Total _____

Page 12 – Care, Shock & General (Possible 310) Sub-Total _____

Page 13 - Recording (Possible 260) Sub-Total _____

Casualty 2 (Possible 960) **Total** _____

Total Points Awarded
Casualty1 & 2 (Possible 1750)

CASUALTY 1 – “Amputation/Abdo” TEAM

SCENE / PRIMARY SURVEY:		A/S	P O I N T S	N O T D O N E
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.				
1.1	Did First Aider take charge of the situation?	S	10	0
1.2	Did First Aider I.D. self and obtain consent?	A/S	10	0
1.3	Did First Aider wear protective gloves?	A/S	10	0
1.4	Did First Aider call out for help?	S	10	0
1.5	Were hazards assessed? <i>(put out fire/ use extinguisher)</i>	S	10	0
1.6	Did Team determine any other casualties? <i>(1 other)</i>	A	10	0
1.7	Did Team determine/state the mechanism of injury? <i>(explosion)</i>	A	10	0
1.8	Was the casualty warned not to move?	S	10	0
1.9	Did Team assess responsiveness <i>(Conscious/ Moaning)</i>	S	10	0
1.10	Did Team assess airway? <i>(Open)</i>	A	10	0
1.11	Did Team assess breathing? <i>(26Laboured)</i>	A/S	10	0
1.12	Did Team assess the casualty's circulation – skin/ temp? <i>(skin is cool, pale & sweaty)</i>	A/S	10	0
1.13	Did Team perform a rapid body survey?	A/S	10	0
1.14	Did the team Immediately put direct Pressure on LEFT amputation?	A	10	0
1.15	Did the team Control (bandage) severe bleeding from arm?	A	10	0
1.16	Did Team activate EMS?	A	10	0
1.17	Did Team activate Police?	A	10	0
PRIMARY SURVEY SUB-TOTAL(/170)				

CASUALTY 1 – “Amputation/Abdo” TEAM

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.		A/S	P O I N T S	N O T D O N E
2.0	HISTORY OF THE CASUALTY:			
2.1	Did the team ask about SYMPTOMS? (<i>Severe Pain arm/abdo</i>)	A/S	10	0
2.2	Did the Team ask if casualty has any ALLERGIES? (<i>None</i>)	S	10	0
2.3	Did the Team ask about MEDICATIONS? (<i>None</i>)	S	10	0
2.4	Did the Team ask past MEDICAL HISTORY? (<i>None</i>)	S	10	0
2.5	Did the Team ask LAST ORAL INTAKE? (<i>2 hours ago</i>)	S	10	0
2.6	Did the Team determine how the incident happened/ HISTORY?	S	10	0
3.0	CASUALTY'S VITAL SIGNS ASSESSMENT			
3.1	Did the Team determine Level of Consciousness? (<i>Conscious</i>)	A/S	10	0
3.2	Did the Team assess Respiration? (<i>26 Laboured</i>)	A	10	0
3.3	Did the Team assess Pulse? (<i>90 Rapid & regular</i>)	A	10	0
3.4	Did the Team assess Skin Condition & Temperature? (<i>pale, cool & clammy</i>)	A	10	0
4.0	HEAD TO TOE EXAMINATION			
4.1	Check scalp? (<i>no deformity</i>)	A	10	0
4.2	Check eyes? (<i>equal & reactive</i>)	A	10	0
4.3	Check nose? (<i>no findings</i>)	A	10	0
4.4	Check mouth? (<i>no findings</i>)	A	10	0
4.5	Check jaw? (<i>no findings</i>)	A	10	0
4.6	Check ears? (<i>no findings</i>)	A	10	0
4.7	Check neck? (<i>no deformity, no pain</i>)	A	10	0
4.8	Check collarbones & Shoulders? (<i>no deformity</i>)	A	10	0
4.9	Check both arms/hands? (<i>amputated LEFT hand, severe Bleed</i>)	A	10	0
4.10	Check chest? (<i>no findings</i>)	A	10	0
4.11	Check abdomen? (<i>6" LAC across stomach, intestines hanging</i>)	A	10	0
4.12	Check back? (<i>No findings</i>)	A	10	0
4.13	Check pelvis? (<i>no deformity</i>)	A	10	0
4.14	Check both legs? (<i>no deformity</i>)	A	10	0
4.15	Check both ankles and feet? (<i>no deformity</i>)	A	10	0
SECONDARY SURVEY SUB-TOTAL (/250)				

CASUALTY 1 – “Amputation/Abdo” TEAM

5.0	AMPUTATED LEFT HAND			
5.1	Was arm placed in a tubular sling?	A/S	10	0
5.2	Was the bandages checked for bleeding after bandaging?	A/S	10	0
5.3	Was the Amputated hand covered in clean, MOIST dressings?	A	10	0
5.4	Was the Amputated hand (covered) placed on ice packs?	A	10	0
5.5	Was the amputated part labeled with name, date and time	A	10	0
6.0	LACERATION TO ABDOMEN			
6.1	Did the team lightly cover wound with MOIST dressings?	A/S	10	0
6.2	Was the dressings secured lightly in place?	A	10	0
6.3	Was patient placed in a semi-sitting and supported position?	A	10	0
6.4	Were the legs elevated/bent for support?	A	10	0
7.0	SHOCK AND GENERAL			
7.1	Was casualty covered “over” to lessen shock?	A	10	0
7.2	Was casualty reassured?	S	10	0
7.3	Was LOC reassessed? 2 nd set (Conscious)	A/S	10	0
7.4	Was respiration reassessed? 2 nd set (24 Laboured)	A	10	0
7.5	Was pulse reassessed? 2 nd set (94 Rapid & Reg.)	A	10	0
7.6	Was Blood Pressure reassessed? 2 nd set (112/70)	A	10	0
7.7	Was skin reassessed? 2 nd set (pale, cool, sweaty)	A	10	0
8.0	PERSONAL PROTECTIVE EQUIPMENT			
8.1	Were gloves effective? (torn gloves must be replaced)	A	10	0
TREATMENT/CARE SUB-TOTAL(/170)				

CASUALTY 1 – “Amputation/Abdo” TEAM

9.0	RECORDING			
9.1	Was the Incident date and time recorded?	A	10	0
9.2	Was the casualty's information recorded?	A	10	0
9.3	Was an accurate incident history recorded?	A	10	0
9.4	Was an accurate description of hazards/ evidence recorded?	A	10	0
9.5	Was the lack of allergies recorded?	A	10	0
9.6	Was the use of lack of medications recorded?	A	10	0
9.7	Was the lack of medical history recorded?	A	10	0
9.8	Was the last meal (2 hours ago) recorded?	A	10	0
9.9	Was the amputation of LEFT hand recorded?	A	10	0
9.10	Was the 6"LAC to abdomen recorded?	A	10	0
9.11	Was the presence of internal organs showing recorded?	A	10	0
	Vital Signs Note: If no time recorded, then no mark.			
9.12	Was the 1 st vital signs LOC recorded?	A	5	0
9.13	Was the 1 st vital signs Respiration recorded?	A	5	0
9.14	Was the 1 st vital signs Pulse recorded?	A	5	0
9.15	Was the 1 st vital signs Skin & Temperature recorded?	A	5	0
9.16	Was the 2 nd vital signs LOC recorded?	A	5	0
9.17	Was the 2 nd vital signs Respiration recorded?	A	5	0
9.18	Was the 2 nd vital signs Pulse recorded?	A	5	0
9.19	Was the 2 nd vital signs Skin & Temperature recorded?	A	5	0
9.20	Was the treatment for the LEFT hand amputation recorded?	A	10	0
9.21	Was the care for the amputated hand recorded?	A	10	0
9.22	Was the care of the Abdominal laceration recorded?	A	10	0
9.23	Was notification of EMS recorded?	A	10	0
9.24	Was notification of Police recorded?	A	10	0
9.25	Was the name(s) of the first aid team legibly recorded?	A	10	0
RECORDING SUB-TOTAL(/200)				

CASUALTY 2 – “Burned Patient” TEAM

SCENE / PRIMARY SURVEY:		A/S	P O I N T S	N O T D O N E
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.				
1.1	Did First Aider take charge of the situation?	S	10	0
1.2	Did First Aider I.D. self and obtain consent?	A/S	10	0
1.3	Did First Aider wear protective gloves?	A/S	10	0
1.4	Did First Aider call out for help?	S	10	0
1.5	Were hazards assessed? (<i>Ensure no secondary explosions/ fire out</i>)	S	10	0
1.6	Did Team determine any other casualties? (1 other)	A	10	0
1.7	Did Team determine/state the mechanism of injury? (Explosion)	A	10	0
1.8	Was the casualty warned not to move?	S	10	0
1.9	Did Team assess responsiveness (Conscious/ Moaning)	S	10	0
1.10	Did Team assess airway? (Open)	A	10	0
1.11	Did Team assess breathing? (12 Laboured)	A/S	10	0
1.12	Did Team assess the casualty's circulation – skin/ temp? (skin is cool, pale & sweaty)	A/S	10	0
1.13	Did Team perform a rapid body survey?	A/S	10	0
1.14	Did Team activate EMS?	A	10	0
PRIMARY SURVEY SUB-TOTAL(/140)				

CASUALTY 2 – “Burned Patient” TEAM

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.		A/S	P O I N T S	N O T D O N E
2.0	HISTORY OF THE CASUALTY:			
2.1	Did the team ask about SYMPTOMS? (<i>Pain in head/chest/arms</i>)	A/S	10	0
2.2	Did the Team ask if casualty has ALLERGIES? (<i>None</i>)	S	10	0
2.3	Did the Team ask about MEDICATIONS? (<i>Vitamins</i>)	S	10	0
2.4	Did the Team ask past MED. HISTORY? (<i>None</i>)	S	10	0
2.5	Did the Team ask LAST ORAL INTAKE? (<i>2 hours ago</i>)	S	10	0
2.6	Did the Team determine how the incident happened/ HISTORY?	S	10	0
3.0	CASUALTY'S VITAL SIGNS ASSESSMENT			
3.1	Did the Team determine Level of Consciousness? (<i>Conscious</i>)	A/S	10	0
3.2	Did the Team assess Respiration? (<i>12 Laboured</i>)	A	10	0
3.3	Did the Team assess Pulse? (<i>110 strong & regular</i>)	A	10	0
3.4	Did the Team assess Skin Condition & Temperature? (<i>pale, cool& clammy</i>)	A	10	0
4.0	HEAD TO TOE EXAMINATION			
4.1	Check scalp? (<i>no deformity</i>)	A	10	0
4.2	Check eyes? (<i>equal & reactive</i>)	A	10	0
4.3	Check nose? (<i>burns, soot at nares</i>)	A	10	0
4.4	Check mouth? (<i>burns around mouth</i>)	A	10	0
4.5	Check jaw? (<i>burns</i>)	A	10	0
4.6	Check ears? (<i>burns</i>)	A	10	0
4.7	Check neck? (<i>Burns on front</i>)	A	10	0
4.8	Check collarbones& Shoulders? (<i>no deformity</i>)	A	10	0
4.9	Check both arms/hands? (<i>Burns to arms, 5 metal shards in back RIGHT forearm</i>)	A	10	0
4.10	Check chest ?(<i>Burns to chest, 3 metal shards on RIGHTside</i>)	A	10	0
4.11	Check abdomen? (<i>Burns</i>)	A	10	0
4.12	Check back? (<i>no deformity</i>)	A	10	0
4.13	Check pelvis? (<i>no deformity</i>)	A	10	0
4.14	Check both legs? (<i>no deformity</i>)	A	10	0
4.15	Check both ankles and feet? (<i>no deformity</i>)	A	10	0
SECONDARY SURVEY SUB-TOTAL(/250)				

CASUALTY 2 – “Burned Patient” TEAM

5.0	MODERATE BURNS TO FACE			
5.1	Was the FACE burns covered with moist dressings?	A	10	0
5.2	Was the FACE burns bandaged to allow for breathing?	A	10	0
5.3	Was the FACE kept cool with water throughout?	A	10	0
6.0	MODERATE BURNS TO CHEST			
6.1	Was the scorched shirt/ loose clothing removed?	A	10	0
6.2	Was the CHEST burns covered fully with moist dressings?	A	10	0
6.3	Were the dressings secured effectively around body?	A	10	0
6.4	Was the CHEST kept cool with water throughout?	A	10	0
7.0	MODERATE BURNS BOTH ARMS (both done for points)			
7.1	Was the ARM burns covered with moist dressings?	A	20	0
7.2	Was the moist dressing placed between fingers?	A	20	0
7.3	Were the ARM dressings secured effectively?	A	20	0
7.4	Was the Arms kept cool with water throughout?	A	20	0
8.0	EMBEDDED OBJECTS IN CHEST			
8.1	Was dressings tented over objects?	A	10	0
8.2	Was padding placed between objects/ log cabin?	A	10	0
8.3	Was dressings/padding bandaged effectively?	A	10	0
9.0	EMBEDDED OBJECTS IN FOREARM			
9.1	Did the team check distal circulation before bandaging?	A/S	10	0
9.2	Was dressings tented over objects?	A	10	0
9.2	Was padding placed between objects/ log cabin?	A	10	0
9.4	Was dressings/padding bandaged effectively?	A	10	0
9.5	Was distal circulation re-checked after bandaging?	A/S	10	0
10.0	SHOCK AND GENERAL			
10.1	Was casualty covered “over” to lessen shock?	A	10	0
10.2	Was casualty reassured?	A	10	0
10.3	Was LOC reassessed? 2 nd set (Conscious)	S	10	0
10.4	Was respiration reassessed? 2 nd set (12 Laboured)	A/S	10	0
10.5	Was pulse reassessed? 2 nd set (110 Strong Regular)	A	10	0
10.6	Was Blood Pressure Reassessed? 2 nd set (144/100)	A	10	0
10.7	Was skin reassessed? 2 nd set (pale, cool, sweaty)	A	10	0
11.0	PERSONAL PROTECTIVE EQUIPMENT			
11.1	Were gloves effective? (torn gloves must be replaced)	A	10	0
TREATMENT/CARE SUB-TOTAL(/310)				

CASUALTY 2 – “Burned Patient” TEAM

12.0	RECORDING			
12.1	Was the Incident date and time recorded?	A	10	0
12.2	Was the casualty's information recorded?	A	10	0
12.3	Was an accurate incident history recorded?	A	10	0
12.4	Was an accurate description of hazards/evidence recorded?	A	10	0
12.5	Was the lack of allergies recorded?	A	10	0
12.6	Was the use of lack of medications recorded?	A	10	0
12.7	Was the lack of medical history recorded?	A	10	0
12.8	Was the last meal (2 hours ago) recorded?	A	10	0
12.9	Was the burns to FACE recorded?	A	10	0
12.10	Was the burns to the CHEST recorded?	A	10	0
12.11	Was the burns to BOTH ARMS recorded?	A	10	0
12.12	Was the “rule of nines” used? (Head/Arms/Chest/abdo = 36%)	A	10	0
12.13	Was the embedded objects in Chest/side recorded?	A	10	0
12.14	Was the embedded objects in forearm recorded?	A	10	0
	Vital Signs Note: If no time recorded, then no mark.			
12.15	Was the 1 st vital signs LOC recorded?	A	5	0
12.16	Was the 1 st vital signs Respiration recorded?	A	5	0
12.17	Was the 1 st vital signs Pulse recorded?	A	5	0
12.18	Was the 1 st vital signs Skin & Temperature recorded?	A	5	0
12.19	Was the 2 nd vital signs LOC recorded?	A	5	0
12.20	Was the 2 nd vital signs Respiration recorded?	A	5	0
12.21	Was the 2 nd vital signs Pulse recorded?	A	5	0
12.22	Was the 2 nd vital signs Skin & Temperature recorded?	A	5	0
12.23	Was the treatment for the FACE burns recorded?	A	10	0
12.24	Was the treatment for the CHEST burns recorded?	A	10	0
12.25	Was the treatment for BOTH ARMS burns recorded?	A	10	0
12.26	Was the treatment for embedded objects CHEST recorded?	A	10	0
12.27	Was the treatment for embedded objects ARM recorded?	A	10	0
12.28	Was notification of EMS recorded?	A	10	0
12.29	Was notification of Police recorded?	A	10	0
12.30	Was the name(s) of the first aid team legibly recorded?	A	10	0
RECORDING SUB-TOTAL(/260)				