

IRECA BLS Challenge 2015



Scenario 2

Team Name _____

Team Number _____

Captain Name _____

Judge 1 # _____

Judge 2 # _____

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JUDGE'S SHEET

OVERVIEW:

Our scenario will have teams responding to a state fair emergency with a Pt. that has been injured by a tipped over Porta-Can. They will arrive to find a Pt. pinned under the Porta-Can, with leg and back injuries. There will also be an unseen Pt. trapped in the Porta-Can who is in full cardiac arrest. This problem is designed to test the team's ability to treat multiple Pt.'s with trauma and medical conditions. The scenario is also designed to test the team's situational awareness, due to the fact that one Pt. will not be found until the team actually looks in the Porta-Can. The teams will also be challenged with safely removing the Pt. from under the Porta-Can, and after finding them, removing the Pt. from inside the lavatory. Lastly the teams will need to move the cardiac arrest Pt. out of the area marked with "toilet water" to defibrillate him, or risk electrical shock themselves. The teams will be given 3-4 notes depending on their response to the situation they find themselves in.

Patient #1's attitude will change as the scenario goes on. He is in pain but embarrassed at his situation. Five minutes later he is realizing that the pain is not going away and that he doesn't feel his toes. This realization may come earlier if the team removes the Porta-Can earlier and ask him if he can feel his toes. For the last 10 minutes he is more upset, scared, angry, or concerned about his condition. This is listed under the LOC checks next to the body sheet for Pt. #1.

The Porta-Can can be lifted off at any time by the team. Help is on the way but never comes. Judges will have to tell responders that it is "as you find it."

The Event:

Your team is assigned to work medical at the State Fair. Your assigned sector is The Mighty Midway where they have all the carnival rides. As you are on patrol, you get a call to respond to the NW Porta-Cans for a person that has been injured. Upon your arrival you find a Porta-Can that has been tipped over with someone pinned underneath. There is also blue chemical toilet-fluid leaking from said Porta-Can. Upon surveying the scene you find.

Victim #1: Pinned under the Porta-Can

Pt. is lying prone with a Porta-Can pinning his pelvis and legs underneath
Pt. is complains of extreme pain in the lower back, upper left leg, and lower right leg
Pt. has deformed nose and a laceration from the bridge of the nose with moderate bleeding
Pt. has abrasions on both palms and forearms

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NOTE INFORMATION:

Note #1 (Given when Pt. 1 is removed from under the Porta-Can)

Left femur deformity

Right tib-fib deformity

Deformed nose, bleeding from bridge of nose, and loose tooth

Abrasions on both palms, and forearms.

Pt. is complaining of severe lower back pain

Pt. has experienced incontinence of bowels and bladder

Note #2 (Given when Pt. 2 is discovered in the Porta-Can)

Upon discovery Pt. #2 is found pulseless with agonal respirations.

Note #3 (Only given if AED Shock is administered in the toilet water)

After shocking your Pt. in the toilet water, you yourself have been shocked.

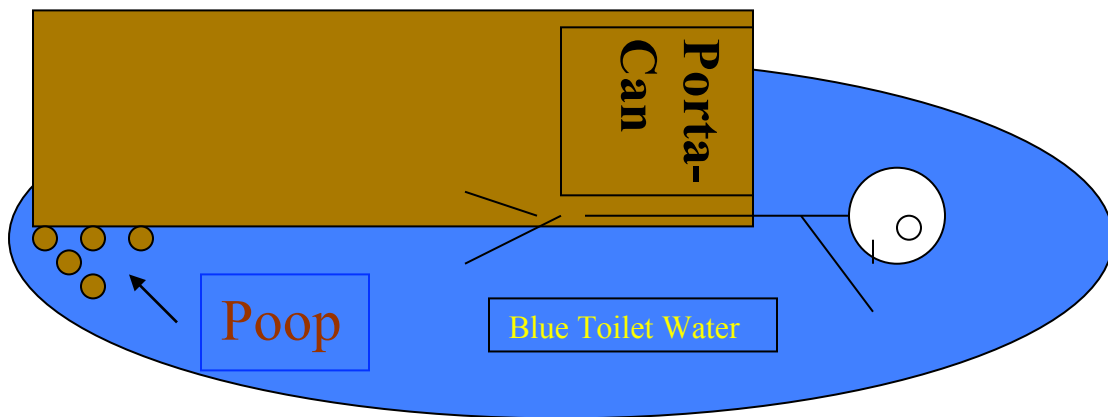
Note #4 (Given after successfully shocking Pt at least once outside of the toilet water)

After shocking your Pt. they regain a Pulse of 88, and respirations of 16, but remain unresponsive.

SCENE LAYOUT:

The Porta-Can will be laid on its side and rest on some blocks or pads. Patient #1 will slide under the Porta-Can so that their pelvis is just under it. The Porta-Can is on its side so the door is facing the side and can be opened by lifting up on the door. Teams can choose to tip the Porta-Can back up if they want. They can lift it some and slide the patient out.

Under the scene will be a blue tarp that is the contents of the toilet water/chemical.



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Immediate Action

Scene Size Up

1	Yes	No	All kits closed when problem starts	
2	Yes	No	All team members wearing gloves	
3	Yes	No	Police called – perpetrator / crowd control	
4	Yes	No	ALS Ambulance called	
5	Yes	No	Fire called – lift assist	
6	Yes	No	Requests bystanders to be questioned	
7	Yes	No	Scene safety assessed (considerations)	<i>(Port-Can seems stable)</i>
8	Yes	No	Attempt to find other victims (Teams need to actually look)	<i>(As found)</i>

Patient #1 (Under the Porta-Can)

9	Yes	No	Rescuers identify themselves	
10	Yes	No	Attempt to gain consent from patient	<i>(Given)</i>
11	Yes	No	Attempt to identify patient	<i>(Given)</i>
12	Yes	No	Determine level of consciousness is A&Ox3 Knows who and where they are • Knows the time/date and what is going on Can follow directions and report if something hurts	<i>(Conscious)</i>
13	Yes	No	Takes head/neck stabilization - due to MOI/NOI and symptoms (Manual or sandbags)	
14	Yes	No	Assures adequate airway	<i>(Open or Patent)</i>
15	Yes	No	Assures adequate ventilation	<i>(Normal, non-labored)</i>
16	Yes	No	Assesses pulse	<i>(Rapid)</i>
17	Yes	No	Check for severe bleeding	<i>(Moderate bleed at bridge of nose, wrists, and hands)</i>
18	Yes	No	Applies direct pressure to nose	<i>(Controlled)</i>
19	Yes	No	Applies direct pressure to Right wrist & hand (palm)	<i>(Controlled)</i>
20	Yes	No	Applies direct pressure to Left wrist & hand (palm)	<i>(Controlled)</i>
21	Yes	No	Safely removes Pt. from under Porta-Can. (Any safe technique) GIVE NOTE #1	<i>(Slides out fine)</i>
22	Yes	No	Supports head and C-spine through the move (from under the Porta-Can or when turning him supine)	
23	Yes	No	Checks legs for severe bleeding	<i>(Minor bleeding at open wound on Right Tib-Fib)</i>
24	Yes	No	Applies direct pressure to Tib-Fib wound	<i>(Controlled)</i>
25	Yes	No	Removes clothing to inspect as necessary	
26	Yes	No	Stabilizes Left Leg Fx.	<i>(Manual or sandbags)</i>
27	Yes	No	Stabilizes Right Leg Fx.	<i>(Manual or sandbags)</i>
28	Yes	No	Determines transport priority as urgent, high priority, or “load & go”	

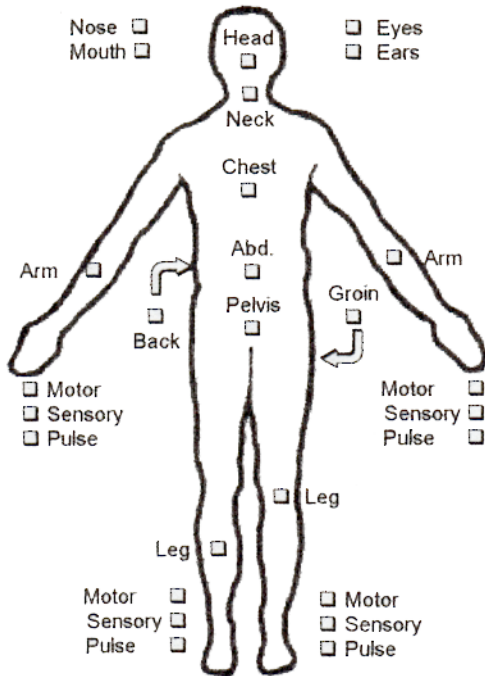
Patient #2 (In the Porta-Can) - Unresponsive

29	Yes	No	Rescuers identify themselves / attempts to gain consent	<i>(No Response)</i>
30	Yes	No	Safely removes Pt. from toilet	
31	Yes	No	Determine level of consciousness is U on AVPU Does NOT respond to verbal or painful stimulus – Does NOT answer questions	<i>(no response)</i>
32	Yes	No	Assures adequate airway	<i>(Appears clear)</i>
33	Yes	No	Assures adequate ventilation	<i>(Agonal Respirations)</i>
34	Yes	No	Assesses pulse	<i>(No Pulse)</i>
35	Yes	No	Begins CPR	
36	Yes	No	Removes clothing to inspect as necessary	
37	Yes	No	Check for severe bleeding	<i>(No bleeding or open wounds found)</i>
38	Yes	No	Determines transport priority as urgent, high priority, or “load & go”	
39	Yes	No	Does rapid physical exam to rule out injury	

AFTER IMMEDIATE ACTION FLIP THE PAGE AND DO NOT RETURN.

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Patient #1 – Under the Porta-Can – Lying Prone



Patient Vitals- CHECK PULSE AND RES FOR 15 Sec

Pulse **110, regular**

Respirations..... **22, non-labored**

Skin color/temp. **Pink, cool, moist**

BP..... **138/88**

Pupils..... **Equal & Reactive**

Time

Patient Maintenance and Ongoing Assessment

Y N Head/Neck injury considered

Y N Check for Med. Alert Tags – None found

Y N Check for information from bystanders

Y N Tx. for shock – applies oxygen

Y N Tx. for shock – maintains temperature

Talks with patient or checks LOC

Y N A&O x3 / back pain / joking

Y N A&O x3 / back pain
..... (can't feel legs)

Y N A&O x3 / back pain / scared

Y N A&O x3 / back pain / scared

Patient Interview- DONE IN ANY WAY OR IN ANY ORDER TO REVEAL INFORMATION

Y N Signs & Symptoms . Nose deformity/laceration, loose tooth, wrist/palm abrasions, leg injuries

Y N Allergies None

Y N Medications None

Y N Past pertinent Hx None

Y N Last oral intake Funnel Cake, corn on the cob, and SPAM Curds

Y N Events preceding “Just standing here when the toilet fell on top of me”

Left Distal Femur Fracture

40	Yes	No	Expose wounds
41	Yes	No	Manually stabilize fracture while
42	Yes	No	Check for motor, sensory and pulse on left foot before splinting <i>(Pulses present only)</i>
43	Yes	No	Immobilize extremity (hip)
44	Yes	No	Immobilize extremity (knee)
45	Yes	No	Re-check motor, sensory and pulse <i>(Pulses present only)</i>
46	Yes	No	Applies ice (not directly on the skin)
47	Yes	No	Does NOT elevate leg due to possible spinal injury

Right Tib-fib Fracture

48	Yes	No	Expose wounds
49	Yes	No	Manually stabilize fracture
50	Yes	No	Check for motor, sensory and pulse on right foot before splinting <i>(Pulses present only)</i>
51	Yes	No	Immobilize extremity (ankle)
52	Yes	No	Immobilize extremity (knee)
53	Yes	No	Re-check motor, sensory and pulse <i>(Pulses present only)</i>
54	Yes	No	Applies ice (not directly on the skin)
55	Yes	No	Does NOT elevate leg due to possible spinal injury

Bridge of Nose Laceration

56	Yes	No	Applies dressings / pressure to laceration <i>(Bleeding is controlled)</i>
57	Yes	No	Secures dressings in place (tape or wrap)
58	Yes	No	Rechecks bandage for bleed through <i>(None)</i>

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Loose Front Tooth

59	Yes	No	Verifies what tooth hurts/loose or verifies that it is just the one tooth involved
60	Yes	No	Checks for bleeding or missing teeth <i>(None)</i>
61	Yes	No	Has pt gently bite down on gauze to hold the tooth in place

Left Hand (Palm) Abrasions

62	Yes	No	Applies dressings to abrasions
63	Yes	No	Applies and secures bandage
64	Yes	No	Rechecks bandage for bleed through

Right Hand (Palm) Abrasions

65	Yes	No	Applies dressings to abrasions
66	Yes	No	Applies and secures bandage
67	Yes	No	Rechecks bandage for bleed through

Left Forearm Abrasions

68	Yes	No	Applies dressings to abrasions
69	Yes	No	Applies and secures bandage
70	Yes	No	Rechecks bandage for bleed through

Right Forearm Abrasions

71	Yes	No	Team applies dressings to abrasions
72	Yes	No	Applies and secures bandage
73	Yes	No	Rechecks bandage for bleed through

Spinal Immobilization

74	Yes	No	Check motor, sensory and pulse before placing cervical collar <i>(Leg pulses present only- All present in Arms)</i>
75	Yes	No	Applies properly sized cervical collar
76	Yes	No	Moves patient keeping in-line spinal stabilization
77	Yes	No	Evaluates for padding
78	Yes	No	Secures patient to spinal immobilization device
79	Yes	No	Provides extra padding around pelvis for possible injury
80	Yes	No	Re-checks motor, sensory and pulse <i>(Leg pulses present only- All present in Arms)</i>

Overall Patient Care

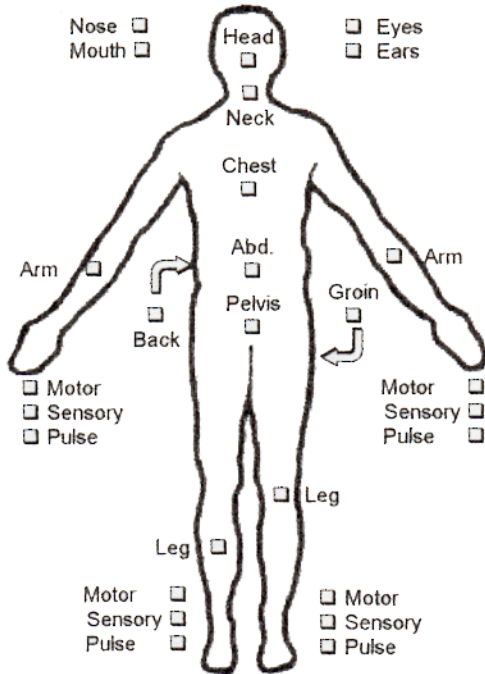
81	Yes	No	Team wore clean gloves before treating this patient (changed gloves if needed)
82	Yes	No	Patients were given nothing by mouth unless medically indicated
Team jeopardize patient condition - explain			

Transfer of Care Report

83	Yes	No	Gives patient's age, sex and level of consciousness – Patient #1
84	Yes	No	Reports vital signs/history – Patient #1
85	Yes	No	Reports injuries / interventions – Patient #1

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Patient #2 – In the Porta-Can



Patient Vitals-		CHECK PULSE AND RES FOR 15 Sec
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Pulse		0
After Note 4		88, regular
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Respirations.....		0
After Note 4		16, non-labored
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Skin color/temp .		Cool, pale, moist
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> BP.....		0
After Note 4		112/72
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Pupils.....		Equal & fixed
After Note 4		Equal & Sluggish
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Time		
Patient Maintenance and Ongoing Assessment		
Y <input type="checkbox"/> N <input type="checkbox"/>	Check for Med. Alert Tags –	None found
Y <input type="checkbox"/> N <input type="checkbox"/>	Check for information from bystanders	
Y <input type="checkbox"/> N <input type="checkbox"/>	Tx. for shock –	applies oxygen
Y <input type="checkbox"/> N <input type="checkbox"/>	Tx. for shock –	maintains temperature
Talks with patient or checks LOC		
Y <input type="checkbox"/> N <input type="checkbox"/>	U on AVPU
Y <input type="checkbox"/> N <input type="checkbox"/>	U on AVPU
Y <input type="checkbox"/> N <input type="checkbox"/>	U on AVPU
Y <input type="checkbox"/> N <input type="checkbox"/>	U on AVPU

Patient Interview- DONE IN ANY WAY OR IN ANY ORDER TO REVEAL INFORMATION		
Y <input type="checkbox"/> N <input type="checkbox"/>	Signs & Symptoms	Unknown
Y <input type="checkbox"/> N <input type="checkbox"/>	Allergies	Unknown
Y <input type="checkbox"/> N <input type="checkbox"/>	Medications	Unknown
Y <input type="checkbox"/> N <input type="checkbox"/>	Past pertinent Hx	Unknown
Y <input type="checkbox"/> N <input type="checkbox"/>	Last oral intake	Unknown
Y <input type="checkbox"/> N <input type="checkbox"/>	Events preceding	Unknown

Cardiac Arrest Management			
86	Yes	No	Rescuers identify themselves / Attempt to gain consent from patient
87	Yes	No	Attempt to identify patient (wallet, name badge, bystanders)
88	Yes	No	Determine level of consciousness is U on AVPU (No response) Does NOT respond to verbal or painful stimulus – Does NOT answer questions
89	Yes	No	Stabilization of head/neck considered
90	Yes	No	Moves victim to the ground (Use Manikin once on the ground)
91	Yes	No	Opens airway
92	Yes	No	Selects appropriate sized oral airway – measures
93	Yes	No	Inserts oral airway (accepts it)
94	Yes	No	Assesses Breathing (Not breathing)
95	Yes	No	Asks someone (bystanders) for an AED (I don't think we have one)
96	Yes	No	Assesses pulse (No Pulse)
97	Yes	No	Starts compressions at a ratio of 30:2
98	Yes	No	Correct CPR Technique: Hand placement
99	Yes	No	Correct CPR Technique: Compression speed
100	Yes	No	Correct CPR Technique: Full Recoil
101	Yes	No	Correct CPR Technique: Correct Depth
102	Yes	No	Correct CPR Technique: Minimize interruptions in compressions
103	Yes	No	Attaches AED and delivers at least 1 shock Not in the water
104	Yes	No	Assures everyone's clear during analysis (not touching the body)
105	Yes	No	Assures everyone's clear during shock (not touching the body)
106	Yes	No	Team assures that all team members are clear from toilet water before shocking. (If AED and Pt. are clear from water it is Ok to have others still in water) IF NO, GIVE NOTE #3
107	Yes	No	Determines transport priority as urgent, high priority, or "load & go"

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After regaining pulse

108	Yes	No	Team applies O2 via Non-Rebreather or Partial Non-Rebreather (at least 10 lpm)
109	Yes	No	Team Leaves oral airway in place
110	Yes	No	Team continually monitors airway throughout

Overall Patient Care

111	Yes	No	Team changed gloves when switching between patients
112	Yes	No	Patients were given nothing by mouth unless medically indicated
Team jeopardize patient condition - explain			

Transfer of Care Report

113	Yes	No	Gives patient's age, sex and level of consciousness – Patient #2
114	Yes	No	Reports vital signs/history – Patient #2
115	Yes	No	Reports injuries / interventions – Patient #2

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Note #4

Given after successfully shocking Pt at least once outside of the toilet water:

After shocking your Pt. they regain a Pulse of 88, and respirations of 16, but remain unresponsive.

Note #2

Given when Pt. 2 is discovered in the Porta-Can:

Pt. #2 is found pulseless with agonal respirations.

Note #1

Given when Pt. 1 is removed from under the Porta-Can:

You see a deformity of the left femur near the knee and right tib-fib. It appears the patient has been incontinent of both bowels and bladder.

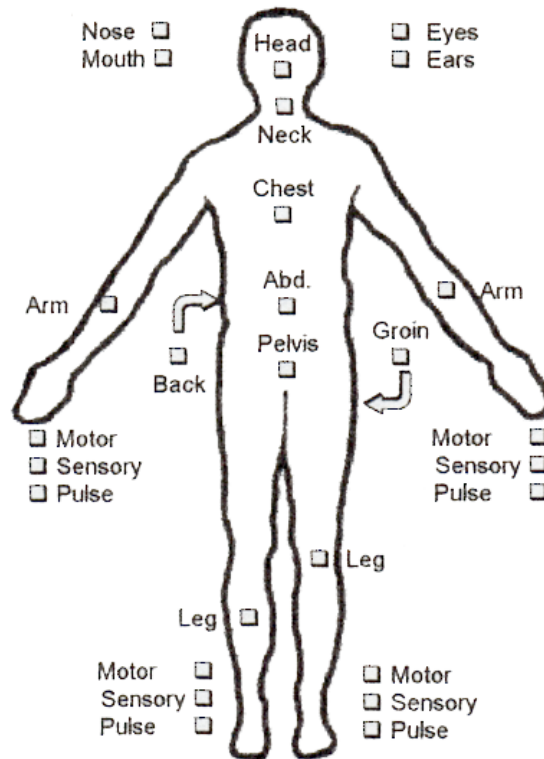
Note #3

Given if AED Shock is administered in the toilet water:

After shocking your Pt. in the toilet water, you yourself have been shocked.

You feel tingly and need to do an assessment with vitals before rejoining your team (can be self-evaluated).

- A
- B
- C
- LOC
- Pulse: _____
- Respirations: _____
- Blood Pressure: _____
- Pupils: _____
- Skin: _____
- Symptoms: Tingle is going away



Give filled out note to judge when the assessment is complete.

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The Event:

Your team is assigned to work medical at the State Fair. Your assigned sector is The Mighty Midway where they have all the carnival rides. As you are on patrol, you get a call to respond to the NW Porta-Cans for a person that has been injured. Upon your arrival you find a Porta-Can that has been tipped over with someone pinned underneath. There is also blue chemical toilet-fluid leaking from said Porta-Can.

Victim Pinned Under the Porta-Can

Pt. is lying prone with a Porta-Can pinning his pelvis and legs underneath
Pt. is complains of extreme pain in the lower back, upper left leg, and lower right leg
Pt. has deformed nose and a laceration from the bridge of the nose with moderate bleeding

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