

# IRECA BLS Challenge 2015



# Scenario 1

Team Name \_\_\_\_\_

Team Number \_\_\_\_\_

Captain Name \_\_\_\_\_

Judge 1 # \_\_\_\_\_

Judge 2 # \_\_\_\_\_

# IRECA BLS Challenge 2015

## JUDGE'S SHEET

### **Overview:**

This scenario challenges the competitors to use basic triage techniques and then to “do the most good for the most amount of people.” They must be able to quickly recognize that the situation is more than what the team can handle alone, that resources are too far out to help everyone, and then to choose the two persons who they are able to focus their energy on.

This scenario will cause you to think a small amount. The competitors will be given the scenario with a 10-person triage quiz. They will need to triage the patients however they have been trained. They will then pick two patients, which once chosen you will hand then the queue card for that patient which will include injuries and information given like any other scenario. There are two patients within the 10 listed that they will get the full amount of credit for. If they do not pick one or both of the patients you will need to flip to one of the last body sheets supplied and circle the chosen patient. Read the patient number chosen and your body sheet patient number carefully to ensure each team gets the correct amount of credit.

### **The Event:**

You and your team are working the Astros baseball game. While enjoying a much-needed break, you hear a thunderous crash. As you return to the field, you see the bleachers (it's the cheap seats) have collapsed with all of the spectators on the during this sellout game. Most spectators have started to move and have self-extricated from the wreckage, but some remain.

You will need to triage your remaining patients. Additional resources that you request are delayed due to recent flood conditions and closed roads by at least one hour! Once you have completed the triage test, pick the two most critical patients and care for them. Please mark the two you will be treating at the bottom of the sheet and return it to your judge.

Once the quiz is complete and the two patients are selected, give the team the card for those two victims and allow them to start their care. Write on the immediate action page what victims they selected.

### **NOTE INFORMATION:**

Given to person nearest Patient #5 (if this patient has been chosen) at the 12 minute mark

#### **Note #1**

*Patient #5 has vomited*

### **SCENE LAYOUT:**

Both patients will be lying supine on the floor. It does not matter where in relation to the space as long as the patients are at least 4 ft apart and at least 2 ft from any physical wall. It is not meant to be a confined space or tricky back boarding scenario.

At the 2-minute mark, transport vehicles arrive to take the first two patients. The teams can continue work but they should provide handoff information at this time.

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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 / Fire called
4	Yes	No	ALS Ambulance called
5	Yes	No	Estimation of number of ambulances needed
6	Yes	No	Building Management called
7	Yes	No	Attempts to establish IC <i>(Your supervisor is IC – you are to treat pts)</i>
8	Yes	No	Attempts to gather all walking wounded into one area <i>(Done)</i>
9	Yes	No	Scene safety assessed (considerations) <i>(Stands are now stable)</i>
10	Yes	No	Attempt to find other victims <i>(No more than the 10 you triaged)</i>
11	Yes	No	Attempts to set up areas for triage collection <i>(Done)</i>
12	Yes	No	Actively working to complete triage test

### Patient #

13	Yes	No	Rescuers identify themselves
14	Yes	No	Attempt to gain consent from patient: #1, #4, #5, #7, #10 (or parent if minor)
15	Yes	No	Attempt to identify patient
16	Yes	No	Determine level of consciousness on AVPU <i>(As listed on card)</i>
17	Yes	No	Considers head/neck stabilization
18	Yes	No	Assesses airway <i>(As listed on card)</i>
19	Yes	No	Assesses ventilation <i>(As listed on card)</i>
20	Yes	No	Appropriate Oxygen applied <i>(As listed on card)</i>
21	Yes	No	Assesses skin <i>(As listed on card)</i>
22	Yes	No	Assesses pulse <i>(As listed on card)</i>
23	Yes	No	Check for severe bleeding <i>(As listed on card)</i>
24	Yes	No	Removes clothing and inspects as necessary
25	Yes	No	Determines transport need
26	Yes	No	Chooses appropriate assessment

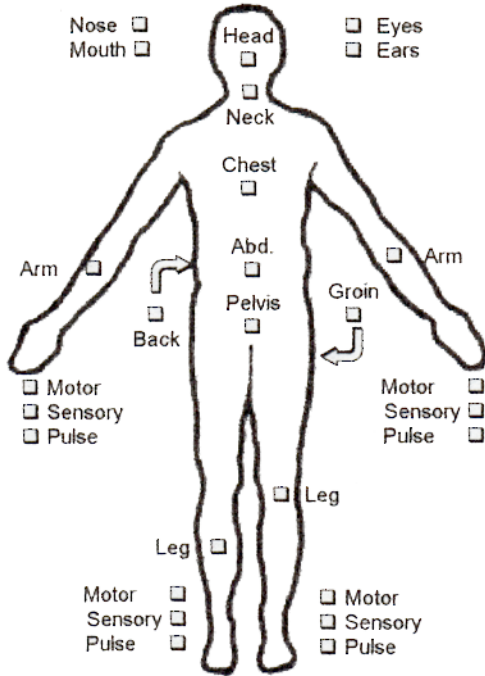
### Patient #

27	Yes	No	Rescuers identify themselves
28	Yes	No	Attempt to gain consent from patient (or parent if minor: #2, #3, #6, #8, #9)
29	Yes	No	Attempt to identify patient
30	Yes	No	Determine level of consciousness on AVPU <i>(As listed on card)</i>
31	Yes	No	Considers head/neck stabilization
32	Yes	No	Assesses airway <i>(As listed on card)</i>
33	Yes	No	Assesses ventilation <i>(As listed on card)</i>
34	Yes	No	Appropriate Oxygen applied <i>(As listed on card)</i>
35	Yes	No	Assesses skin <i>(As listed on card)</i>
36	Yes	No	Assesses pulse <i>(As listed on card)</i>
37	Yes	No	Check for severe bleeding <i>(As listed on card)</i>
38	Yes	No	Removes clothing and inspects as necessary
39	Yes	No	Determines transport need
40	Yes	No	Chooses appropriate assessment

**\*AFTER IMMEDIATE ACTION FLIP THE PAGE AND DO NOT RETURN.\***

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## Patient 5 - Unresponsive



<b>Patient Vitals-</b>	CHECK PULSE AND RES FOR 15 Sec
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Pulse .....	<b>110, regular</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Respirations.....	<b>24, non-labored</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Skin color/temp.	<b>Pale, Warm, Dry</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> BP.....	<b>170/78</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Pupils.....	<b>Unequal, reactive</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Time	
<b>Patient Maintenance and Ongoing Assessment</b>	
Y <input type="checkbox"/> N <input type="checkbox"/>	Head/Neck injury considered
Y <input type="checkbox"/> N <input type="checkbox"/>	Check for Med. Alert Tags
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 – applies blanket above
Y <input type="checkbox"/> N <input type="checkbox"/>	Tx. for shock – applies blanket below
Talks with patient or checks LOC	
Y <input type="checkbox"/> N <input type="checkbox"/>	..... Unresponsive on AVPU scale
Y <input type="checkbox"/> N <input type="checkbox"/>	..... Unresponsive on AVPU scale
Y <input type="checkbox"/> N <input type="checkbox"/>	..... Unresponsive on AVPU scale
Y <input type="checkbox"/> N <input type="checkbox"/>	..... Unresponsive on AVPU scale

<b>Patient Interview-</b>		DONE IN ANY WAY OR IN ANY ORDER TO REVEAL INFORMATION
Y <input type="checkbox"/> N <input type="checkbox"/>	Signs & Symptoms .....	Laceration to forehead, gurgling respirations
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

Airway management			
41	Yes	No	Airway opened and assessed <i>(Liquid vomitus in the airway)</i>
42	Yes	No	Patient rolled onto side without compromising spine
43	Yes	No	Fingersweep airway clear of vomit <i>(Airway clear)</i>
44	Yes	No	Suction catheter measured appropriately
45	Yes	No	Patient airway suctioned for no more then 15 seconds <i>(Airway clear)</i>
46	Yes	No	Measures for appropriate sized oral airway/OPA/oropharyngeal airway
47	Yes	No	Attempts to insert oral airway <i>(“Patient gags”)</i>
48	Yes	No	Removes oral airway
49	Yes	No	Measures and inserts nasal airway/NPA/nasopharyngeal <i>(“Patient accepts it”)</i>
50	Yes	No	Oxygen applied via partial or non-rebreather mask at least 10 lpm

Laceration to Forehead			
51	Yes	No	Direct pressure applied <i>(Bleeding controlled)</i>
52	Yes	No	Dressing applied
53	Yes	No	Bandage secured in place
54	Yes	No	Patients head is not moved excessively while bandaging
55	Yes	No	Applies ice (not directly on the skin)

C-Collar			
56	Yes	No	Assesses motor, sensory, and pulse before placing <i>(present)</i>
57	Yes	No	Measures c-collar
58	Yes	No	Applies c-collar
59	Yes	No	Does not compromise spine while placing
60	Yes	No	C-collar is not too loose or hyperextend neck
61	Yes	No	Reassesses motor, sensory, and pulse after placing <i>(present)</i>

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### Spinal immobilization

62	Yes	No	Maintains manual spinal stabilization until secured to immobilization device <i>If NO – make notes at end of packet</i>
63	Yes	No	Assesses motor, sensory, and pulse before splinting <i>(present)</i>
64	Yes	No	Moves patient keeping in-line spinal stabilization
65	Yes	No	Evaluates for padding
66	Yes	No	Secures patient to spinal immobilization device
67	Yes	No	Re-Assesses motor, sensory, and pulse after splinting <i>(present)</i>
68	Yes	No	If they do not backboard this patient, do they hold C-Spine throughout the scenario?

### Airway management – after note 1 – patient pukes

69	Yes	No	Patient rolled onto side without compromising spine
70	Yes	No	Fingersweep airway clear of vomit <i>(Airway clear)</i>
71	Yes	No	Suction catheter measured appropriately
72	Yes	No	Patient airway suctioned for no more than 15 seconds <i>(Airway clear)</i>
73	Yes	No	Assesses nasal airway that was already in place <i>(Blocked with vomitus)</i>
74	Yes	No	Nasal airway replaced or suctioned <i>(Nasal airway is cleared)</i>

### Transfer of Care Report

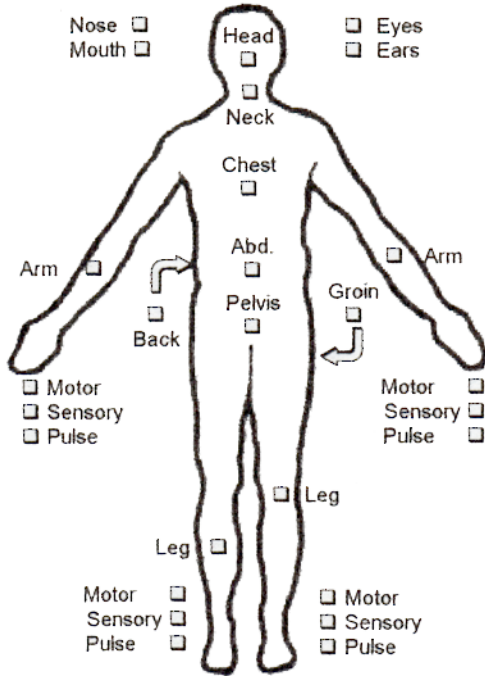
75	Yes	No	Gives patient's age, sex and level of consciousness – First Patient
76	Yes	No	Reports vital signs/history – First Patient
77	Yes	No	Reports interventions – First Patient

### Overall Patient Care

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

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## Patient #8 – Responsive – in pain



### Patient Vitals- CHECK PULSE AND RES FOR 15 Sec

Pulse ..... **116, regular**  
 once bleeding is controlled.....**98, regular**  
 Respirations..... **16, non-labored**  
 once bleeding is controlled...**14, non-labored**  
 Skin color/temp. **Pink, warm, moist**  
 BP..... **92/56**  
 once bleeding is controlled...**110/98**  
 Pupils..... **Equal and reactive**  
 Time

### Patient Maintenance and Ongoing Assessment

Y  N  Head/Neck injury considered  
 Y  N  Check for Med. Alert Tags  
 Y  N  Check for information from bystanders  
 Y  N  Tx. for shock – applies oxygen  
 Y  N  Tx. for shock – applies blanket above  
 Y  N  Tx. for shock – applies blanket below

Talks with patient or checks LOC

Y  N  ..... **Alert & Orientated x 3**  
 Y  N  ..... **Alert & Orientated x 3**  
 Y  N  ..... **Alert & Orientated x 3**  
 Y  N  ..... **Alert & Orientated x 3**

### Patient Interview- DONE ANY WAY AND IN ANY ORDER TO REVEAL INFORMATION

Y  N  Signs & Symptoms ..... Leg pain and arm pain  
 Y  N  Allergies ..... Morphine  
 Y  N  Medications ..... Seroquel, Lithium  
 Y  N  Past pertinent Hx ..... Denies  
 Y  N  Last oral intake ..... Nacho cheese!  
 Y  N  Events preceding ..... Watching the game

### Consent

80	Yes	No	Acts under implied consent
81	Yes	No	Attempts to contact parents

### Bleeding control (left femur)

82	Yes	No	Applies direct pressure while not pushing bone ends back in <i>(Bleeding NOT controlled)</i>
83	Yes	No	Applies tourniquet 2 inches above wound site <i>(Bleeding controlled)</i>
84	Yes	No	Indicates TIME tourniquet was placed
85	Yes	No	Applies bandage
86	Yes	No	Rechecks for bleed through

### Left femur fracture

87	Yes	No	Manually stabilize fracture site
88	Yes	No	Remove clothing to expose injury site
89	Yes	No	Care taken to keep the exposed bone ends clean
90	Yes	No	Padding used to protect the exposed bone ends
91	Yes	No	Assesses motor, sensory, and pulse before splinting <i>(present)</i>
92	Yes	No	Immobilize extremity in position found
93	Yes	No	Splinting used effectively immobilizes above and below injury
94	Yes	No	Re-assesses motor, sensory, and pulse after splinting <i>(present)</i>
95	Yes	No	Applies ice (not directly on the skin)
96	Yes	No	Team attempts to use a traction splint (incorrect treatment)

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### Deformed left forearm

97	Yes	No	Manually stabilize fracture site
98	Yes	No	Remove clothing to expose injury site
99	Yes	No	Assesses motor, sensory, and pulse before splinting <span style="float: right;"><i>(present)</i></span>
100	Yes	No	Immobilize extremity in position found
101	Yes	No	Splinting used effectively immobilizes above and below injury
102	Yes	No	Re-Assesses motor, sensory, and pulse after splinting <span style="float: right;"><i>(present)</i></span>
103	Yes	No	Applies ice (not directly on the skin)

### C-Collar

104	Yes	No	Assesses motor, sensory, and pulse before placing <span style="float: right;"><i>(present)</i></span>
105	Yes	No	Measures c-collar
106	Yes	No	Applies c-collar
107	Yes	No	Does not compromise spine while placing
108	Yes	No	C-collar is not too loose or hyperextend neck
109	Yes	No	Reassesses motor, sensory, and pulse after placing <span style="float: right;"><i>(present)</i></span>

### Spinal immobilization

110	Yes	No	Maintains manual spinal stabilization until secured to immobilization device <i>If NO – make notes at end of packet</i>
111	Yes	No	Assesses motor, sensory, and pulse before splinting <span style="float: right;"><i>(present)</i></span>
112	Yes	No	Moves patient keeping in-line spinal stabilization
113	Yes	No	Evaluates for padding
114	Yes	No	Secures patient to spinal immobilization device
115	Yes	No	Re-Assesses motor, sensory, and pulse after splinting <span style="float: right;"><i>(present)</i></span>
116	Yes	No	If they backboard the other patient, do they hold C-Spine throughout the scenario?

### Transfer of Care Report

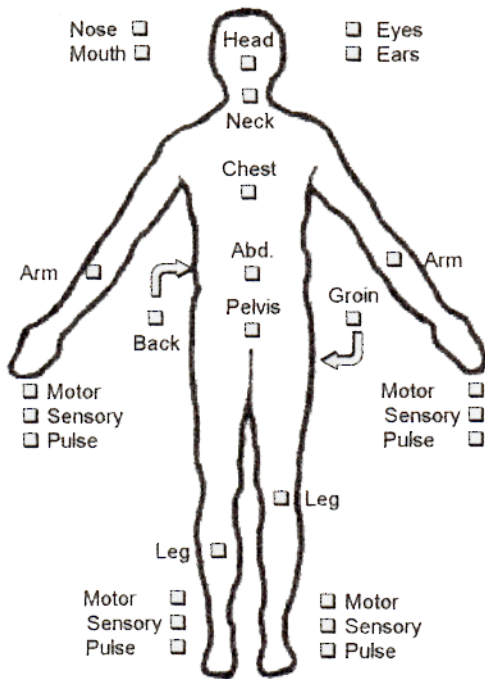
117	Yes	No	Gives patient's age, sex and level of consciousness – Second Patient
118	Yes	No	Reports vital signs/history – Second Patient
119	Yes	No	Reports interventions – Second Patient

### Overall Patient Care

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

# IRECA BLS Challenge 2015

**Patient #1 #2 #3 #4 #6 #7 #9 #10 - Circle Appropriate Patient**



**Patient Vitals-** CHECK PULSE AND RES FOR 15 Sec

Pulse ..... See below

Respirations..... See below

Skin color/temp. See below

BP..... See below

Pupils..... See below

Time

**Patient Maintenance and Ongoing Assessment**

Y  N  Head/Neck injury considered

Y  N  Check for Med. Alert Tags

Y  N  Check for information from bystanders

Y  N  Tx. for shock – applies oxygen

Y  N  Tx. for shock – applies blanket above

Y  N  Tx. for shock – applies blanket below

Talks with patient or checks LOC

Y  N  ..... See below

Y  N  ..... See below

Y  N  ..... See below

Y  N  ..... See below

**Patient Interview-** DONE ANY WAY AND IN ANY ORDER TO REVEAL INFORMATION

Y  N  Signs & Symptoms ..... None

Y  N  Allergies ..... None

Y  N  Medications ..... None

Y  N  Past pertinent Hx ..... None

Y  N  Last oral intake ..... None

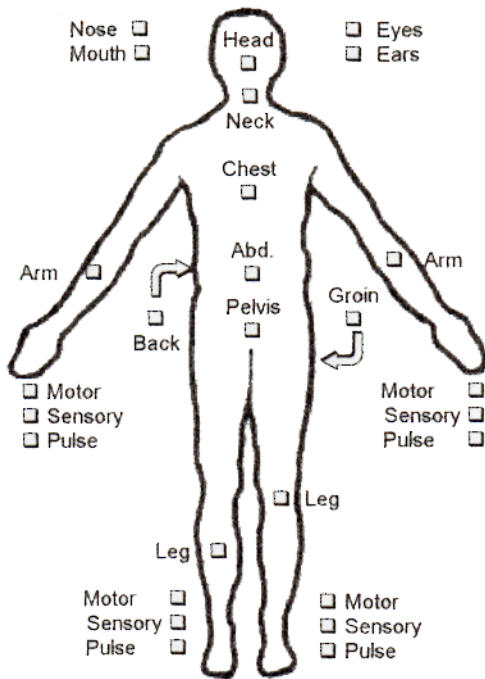
Y  N  Events preceding ..... Bleachers collapse

Pt #	Injuries	Pulse	Resp.	Skin	BP	Pupils	LOC	Position
1	- Right wrist swelling - Right ankle swelling	96	18	PWD	118/74	Equal Reactive	Aox3	Sitting
2	- None	0	0	Pale	0/0	Dilated	Unresponsive	Supine
3	- Low back pain - Small laceration on forehead	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
4	- Unable to reach	N/A	2	N/A	N/A	N/A	Unresponsive	Trapped
6	- Neck pain	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
7	- Cannot move legs	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
9	- No apparent injuries - Crying	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
10	- Neck pain	96	18	PWD	118/74	Equal Reactive	Aox3	Sitting



# IRECA BLS Challenge 2015

**Patient #1 #2 #3 #4 #6 #7 #9 #10 - Circle Appropriate Patient**



**Patient Vitals-** CHECK PULSE AND RES FOR 15 Sec

Pulse ..... See below  
 Respirations..... See below  
 Skin color/temp. See below  
 BP..... See below  
 Pupils..... See below  
 Time

**Patient Maintenance and Ongoing Assessment**

Y  N  Head/Neck injury considered  
 Y  N  Check for Med. Alert Tags  
 Y  N  Check for information from bystanders  
 Y  N  Tx. for shock – applies oxygen  
 Y  N  Tx. for shock – applies blanket above  
 Y  N  Tx. for shock – applies blanket below

Talks with patient or checks LOC

Y  N  ..... See below  
 Y  N  ..... See below  
 Y  N  ..... See below  
 Y  N  ..... See below

**Patient Interview-** DONE ANY WAY AND IN ANY ORDER TO REVEAL INFORMATION

Y  N  Signs & Symptoms ..... None  
 Y  N  Allergies ..... None  
 Y  N  Medications ..... None  
 Y  N  Past pertinent Hx ..... None  
 Y  N  Last oral intake ..... None  
 Y  N  Events preceding ..... Bleachers collapse

Pt #	Injuries	Pulse	Resp.	Skin	BP	Pupils	LOC	Position
1	- Right wrist swelling - Right ankle swelling	96	18	PWD	118/74	Equal Reactive	Aox3	Sitting
2	- None	0	0	Pale	0/0	Dilated	Unresponsive	Supine
3	- Low back pain - Small laceration on forehead	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
4	- Unable to reach	N/A	2	N/A	N/A	N/A	Unresponsive	Trapped
6	- Neck pain	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
7	- Cannot move legs	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
9	- No apparent injuries - Crying	96	18	PWD	118/74	Equal Reactive	Aox3	Supine
10	- Neck pain	96	18	PWD	118/74	Equal Reactive	Aox3	Sitting

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### Overall Patient Care

122	Yes	No	Reports that this was an MCI Situation
123	Yes	No	Reports number of patients triaged
124	Yes	No	Reports how many patients of each color were triaged
125	Yes	No	Team changed gloves when switching between patients
126	Yes	No	Patients were given nothing by mouth unless medically indicated
Team jeopardize patient condition - explain			

## IRECA BLS Challenge 2015

### Note #1

Given at 12 minute mark:

**Patient #5 has vomited.**

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**Patient #1**

Patient is a responsive 18 year old, with right wrist and ankle swelling

**Patient #2**

Patient is an unresponsive 16 year old, no breathing, no pulse

**Patient #3**

Patient is a responsive 17 year old complaining of low back pain lying on the floor, small laceration on forehead

**Patient #4**

You see a person under the bleachers and you cannot get to them, you yell to them and they do not respond back, however you think you see them take a breath.

**Patient #5**

Patient is an unresponsive 56 year old, laceration to forehead, gurgling respirations with strong pulses

**Patient #6**

Patient is a responsive 10 year old complaining of neck pain lying on the floor

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### Patient #7

Patient is a responsive 25 year old lying on ground complaining they cannot move their legs

### Patient #8

Patient is a responsive 17 year old with an open left femur fracture (bleeding heavily), deformed left forearm

### Patient #9

Patient is a 3 year old child lying on the floor crying no apparent injuries

### Patient #10

Patient is a responsive 32 year old complaining of neck pain sitting on the bleachers

### Key for quiz

1. Yellow
2. Black
3. Yellow
4. Black
5. Red\*
6. Green
7. Yellow
8. Red\*
9. Green
10. Green

## IRECA BLS Challenge 2015

### The Event:

**You and your team are working the Astros baseball game. While enjoying a much-needed break, you hear a thunderous crash. As you return to the field, you see the bleachers (it's the cheap seats) have collapsed with all of the spectators on the during this sellout game. Most spectators have started to move and have self-extricated from the wreckage, but some remain.**

**You will need to triage your remaining patients.**

**Additional resources that you request are delayed due to recent flood conditions and closed roads by at least one hour! Once you have completed the triage test, pick the two most critical patients and care for them. Please mark the two you will be treating at the bottom of the sheet and return it to your judge.**

## IRECA BLS Challenge 2015

# Triage Quiz

Team name: \_\_\_\_\_ Team number: \_\_\_\_\_

Complete the following triage quiz by writing in the colors to indicate triage priority for each of the patients. Once you have completed the quiz, write the two patient numbers that you would like to treat at the bottom and return to the judge.

- \_\_\_\_\_ 1. Patient is a responsive 18-year-old, with right wrist and ankle swelling
- \_\_\_\_\_ 2. Patient is an unresponsive 16-year-old, no breathing, no pulse
- \_\_\_\_\_ 3. Patient is a responsive 17-year-old complaining of low back pain lying on the floor, small laceration on forehead
- \_\_\_\_\_ 4. You see a person under the bleachers and you cannot get to them, you yell to them and they do not respond back, however you think you see them take a breath.
- \_\_\_\_\_ 5. Patient is an unresponsive 56-year-old, laceration to forehead, gurgling respirations with strong pulses
- \_\_\_\_\_ 6. Patient is a responsive 10-year-old complaining of neck pain lying on the floor
- \_\_\_\_\_ 7. Patient is a responsive 25-year-old lying on ground complaining they cannot move their legs
- \_\_\_\_\_ 8. Patient is a responsive 17-year-old with an open left femur fracture (bleeding heavily), deformed left forearm
- \_\_\_\_\_ 9. Patient is a 3-year-old child lying on the floor crying no apparent injuries
- \_\_\_\_\_ 10. Patient is a responsive 32-year-old complaining of neck pain sitting on the bleachers

### Patient choices:

Patient # \_\_\_\_\_

Patient # \_\_\_\_\_