

Team Number: _____

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SINGLE PROBLEM - Site 1 - Team Member¹
CODE NAME - "Give Me A Lift"

Team ID Number: _____

Team Members: _____ Category: _____

Problem Statement

During the daily routine of Bus repair, a fluke accident occurs leaving a lone mechanic pinned under the front of a mini bus. Using the equipment available, the individual first aider must lend a hand and their knowledge to treat this mechanic after freeing him from under the bus. This is accomplished by using a pump jack to gain access and free the mechanic.

Casualty Simulation**PATIENT ONE**

Appearance - traditional auto mechanic

CONSCIOUS but rapidly decreasing level of awareness

Signs of shock - SWEATING; PALE

LACERATION to the underside of LEFT forearm

FRACTURED RIB caused by a wrench (or alike) having been pressed against chest

Glass Fragments across Chest (nothing embedded)

GLASS FRAGMENT embedded near LEFT eye socket

History

Somehow the jack used to elevate the bus lowered itself, pinning the mechanic between the cart that they were laying on and the bus above them. During the process of work, the mechanic had left a wrench on their chest to keep it in hands reach during their work. They also had a mechanic's lamp under the bus with them.

As the bus lowered, the lamp broke, scattering glass across their chest and one piece of glass caught the mechanic near their left eye socket. Lacerated left forearm and a fractured rib, due to the weight of the bus on the wrench are additional injuries sustained.

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Judging Notes:

- Assist team with prompting if casualty does not respond properly.
- Please check the casualties' positions and all simulation.

I	Information Requested	A	Actions Taken	S	Statements
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IMMEDIATE ACTION: (within first four minutes of problem)

1.	Did member take charge	A		05	0
2.	Did member properly identify himself	A		05	0
3.	Did member properly seek consent to assist	A		05	0
4.	Did member ask questions in order to determine the History	A		10	0
5.	Did member attempt to ensure stability of vehicle (blocked wheels) (Was this performed without being prompted by the judges?)	A		05	0
6.	Did member secure the scene from further hazards?	A/S		05	0
7.	Did member protect themselves by using gloves?	A		10	0

Team member must raise a pump jack to its full vertical extend and block the rear wheels prior to being able to withdraw the patient from under the front of the truck. If the first aider does not do this on their own, the judge is to **stop the first aider** and direct them to perform the tire blocking and pump jack exercise as a delay challenge, prior to being able to withdraw the patient from under the vehicle.

8.	Successful extrication? (Or did they require assistance from judges?)	A		05	0
9.	Patient				
	Was effort made to determine level of consciousness?	A/S		02	0
	Was effort made to assess quality of airway?	A/S		02	0
	Was effort made to ensure Adequacy of breathing?	A/S		02	0
	Was effort made to assess quality of pulse?	A/S		02	0
	Was effort made to establish a gross bleed check?	A/S		05	0
	Was effort made to rule out Head/Neck/Back injury?	A/S		05	0
10.	Did member dispatch for an ambulance or investigate transportation possibilities?	S		10	0
11.	Attempt made to contact management	S		05	0

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SECONDARY ACTION:

12.	Was body warmth maintained (SHOCK) for	under	A	02	0
		over	A	05	0
13.	Did member interact during Primary/Secondary assessment (explaining what they were doing and questioning him/her for pain etc.)	A	05	0
14.	Secondary Assessment				
	Did team perform suitable assessment of the following areas:				
	skull	(no bumps, no indentations)	A/S	02	0
	ears	(as found, no fluids)	A/S	02	0
	eyes	(as found, equal and reactive)	A/S	02	0
		(Glass fragment embedded near left eye socket)			
	nose	(as found)	A/S	02	0
	mouth	(as found)	A/S	02	0
	jaw	(as found)	A/S	02	0
	neck	(as found)	A/S	02	0
	back/spine	(as found)	A/S	02	0
	chest	(as found, redness and tenderness to left lower chest)	A/S	02	0
	abdomen	(as found, no discolouration or tenderness)	A/S	02	0
	pelvic area	(as found)	A/S	02	0
	right leg	(as found)	A/S	02	0
	right foot	(as found)	A/S	02	0
	left leg	(as found)	A/S	02	0
	left foot	(as found)	A/S	02	0
	right clavicle	(as found)	A/S	02	0
	right arm	(as found)	A/S	02	0
	right hand	(as found)	A/S	02	0
	left clavicle	(as found)	A/S	02	0
	left arm	(as found, distal 3" laceration)	A/S	02	0
	left hand	(as found)	A/S	02	0
	Was ongoing monitoring of airway quality maintained?	A/S	10	0
	Vitals: Did team perform suitable assessment of the following				
	Pulse Check (once) (corrected: 120, full rapid)	A	10	0	0
	Respiration Check (once) (corrected: 22 shallow, irregular)	A	10	0	0
	Temperature/Skin Condition Checked (once) (pale, cool, sweating)	A	10	0	0
	Pupils Check (once) (corrected: equal, reactive, 3mm)	A	05	0	0
	Reassurance provided... (would you as a casualty feel:)				
	comforted and reassured to an adequate level OR	A	05	0	0
	comforted and reassured to very comfortable level	A	10	0	0

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Was casualty questioned about medical conditions (Diabetic)	A	10	0
Was casualty questioned time and amount of last meal	A	10	0
Was casualty questioned about allergies	A	10	0
Was casualty questioned about medications	A	10	0

(None; if prompted about diabetic medications: non-insulin patient; controlled by diet)

TREATMENTS:**15. Minor Laceration to Left Forearm**

Was it inspected for foreign objects [dirty]	A	05	0
Was it protected with sterile dressing	A	05	0
Was absorbent material used behind dressing	A	05	0
Was direct pressure applied to control bleeding	A	05	0
Was bandage checked (once, as found)	A/S	05	0

16. Embedded Object (Glass) near Left Eye Socket

Was eye inspected for any foreign objects	A/S	05	0
Was it protected with sterile dressing	A	05	0
Was eye protected/covered with clean covering	A	05	0
Was bandage checked (once, as found)	A/S	05	0

17. Fractured Rib (Lower Left Side)

Was visualization of injured area made	S	05	0
Was support given to stabilize chest wall	A	05	0
Was left arm placed in tubular sling to stabilize chest wall	A	05	0
Was patient inclined to injured side	A	05	0

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RECORDING :

18.	Was the time and date of incident recorded	A	02	0
19.	Patient			
	Was name and address recorded?	A	02	0
	Was first pulse check (including time) recorded?	A	02	0
	Was first respiration recorded (including time) recorded?	A	02	0
	Was first temperature and skin condition recorded?	A	02	0
	Was second pulse check (including time) recorded?	A	02	0
	Was second respiration recorded (including time) recorded?	A	02	0
	Was second temperature and skin condition recorded?	A	02	0
	Was laceration to left forearm recorded?	A	02	0
	Was treatment of laceration to left forearm recorded?	A	02	0
	Was embedded glass near left eye socket recorded?	A	02	0
	Was treatment of embedded object to left eye socket recorded?	A	02	0
	Was suspected fracture of left rib recorded?	A	02	0
	Was treatment of suspect fracture of left rib recorded?	A	02	0
	Was history recorded?	A	02	0
	Were allergies recorded?	A	02	0
	Was the presence of medication recorded?	A	02	0
	Was the presence of medical conditions recorded?	A	02	0
	Was record signed by first aider?	A	02	0

Total Possible Marks: _____

Actual Total : _____

Team Name: _____

Floor Position: _____

Judges' Names: (1) _____

(2) _____

Judges' Signatures: (1) _____

(2) _____