

Team Number: _____

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TEAM PROBLEM - Site 2
CODE NAME - "All Choked Up? Come On... Get It Off Your Chest"

Team ID Number: _____

Team Members: _____ Category: _____

Problem Statement

Being attracted to the site from the screams of pain, you find yourself looking down into a mechanic's pit where two mechanics had been working on the transmission of a bus. Something must have happened as you find one of the mechanics lying on his back, trapped with a heavy load on his chest, while the other mechanic appears to be in distress as he grasps his throat.

Casualty Simulation**PATIENT ONE**

CONSCIOUS lying on BACK
FRACTURE to right shoulder
Signs of Shock - SWEATING; PALE
INTERNAL BLEEDING to Abdomen

PATIENT TWO

CONSCIOUS to UNCONSCIOUS CHOKING (gum)
Signs of Shock - SWEATING; PALE
LACERATION to distal right lower leg

History

While installing or removing a transmission, one of the mechanics was chewing gum. During the removed of the part, with the mechanics looking upward, one of the mechanics begins to choke on his gum, dropping his arms and dropping his end of the part.

With the total weight of the part being transferred to the other mechanic, this mechanic loses his balance and falls backward with the transmission part falling on top of the second mechanic.

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Judging Notes:

- Assist team with prompting if casualty does not respond properly.
- Ensure that transmission prop is properly placed onto of first mechanic

I	Information Requested	A	Actions Taken	S	Statements			
IMMEDIATE ACTION: (within first four minutes of problem)								
1.	Did a team member take charge	A				10		0
2.	Did team properly identify themselves and seek consent	A				10		0
3.	Did team identify and protect themselves from potential hazards (Slippery floor, overhead vehicle,)?	A				10		0
4.	Did team identify/protect themselves from overhead hazard?	A/S				10		0
5.	Did team protect themselves by using gloves?	A				10		0
6.	While both patients are in obvious need of assistance, the transmission prop on the first patient is NOT removable without the assistance of BOTH team members. This process should take at least ten seconds (as it is very heavy)							
	Did team organize themselves and position themselves appropriately to handle weight of prop?	S				10		0
	Did both team members use appropriate body mechanics in the lift?	S				10		0
	Did one team member issue a count and control the lift?	S				05		0
7.	Patient One - P1							
	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 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 establish a history of what was witnessed?	A/S				05		0
8.	Patient Two - P2							
	Was effort made to determine level of consciousness?	A/S				02		0
	Was effort made to assess quality of airway and pulse?	A/S				02		0
	Was effort made to establish a gross bleed check?	A/S				05		0
9.	Did team dispatch for an ambulance or investigate possibilities?	S				10		0
10.	Attempt made to contact management	S				05		0
11.	Minimal movement of P1, once the P1 was freed from weight	S				05		0

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SECONDARY ACTION:

12.	Was body warmth of P1 maintained (SHOCK) for	Over?	A	05	0
		Under?	A	10	0
13.	Was body warmth of P2 maintained (SHOCK) for	Over?	A	05	0
		Under?	A	05	0
14.	Secondary Assessment of P1 - trapped mechanic				
	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
	nose	(as found, no fluids)	A/S	02	0
	mouth	(as found, no odour)	A/S	02	0
	jaw	(as found)	A/S	02	0
	neck	(as found)	A/S	02	0
	back/spine	(as found, pain, discolouration to R Shoulder)	A/S	02	0
	chest	(as found)	A/S	02	0
	abdomen	(as found, discolouration, internal bleed suspected)	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, pain to R shoulder)	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)	A/S	02	0
	left hand	(as found)	A/S	02	0
	Was casualty kept in one position during examination		A	05	0
	Was constant monitoring of pulse and respirations maintained?		A/S	05	0
	Vitals for P1 Did team perform suitable assessment of the following				
	Pulse Check (once) (corrected to be 120 weak and rapid)		A	02	0
	Pulse Check (twice) (corrected to be 125, weak, rapid and regular)		A	02	0
	Respiration Check (once) (corrected to be 20 shallow regular)		A	02	0
	Respiration Check (twice) (corrected to be 20 shallow regular)		A	02	0
	Temperature/Skin Condition Checked (once) (flushed moist)		A	02	0
	Temperature/Skin Condition Checked (twice) (normal)		A	02	0

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Reassurance provided... (would you as a casualty feel:)

comforted and reassured to an adequate level OR	A	05	0
comforted and reassured to very comfortable level	A	10	0
Was casualty questioned about medical conditions(none)	A	05	0
Was casualty questioned about allergies (ASA)	A	05	0
Was casualty questioned about medications (none)	A	05	0

15. **Conscious Choking Modality Patient Two - P2**

Was effort made to seek consent?	A/S	02	0
Was effort made to determine quality of airway (can you speak)?	A/S	02	0
Was effort made properly position self behind P2?	A/S	02	0
Was effort made to acquire appropriate land marking?	A/S	05	0
Was effort made to simulate abdominal thrusts?	A/S	05	0

After 10 seconds of thrusts, P2 goes unconscious

Was effort made to update conditional of P2 with ambulance?	A/S	05	0
Was effort made to properly position and "take down" P2?	A/S	05	0
Was effort made to properly position self and check airway?	A/S	05	0
Was effort made to perform a blind sweep?	A/S	05	0
Was effort made to simulate ventilation?	A/S	05	0
Was effort made to position self and acquire proper land marking?	A/S	05	0
Was effort made to simulate 5 thrust sets?	A/S	05	0
Was effort made to check airway and attempt to ventilate?	A/S	05	0

(Tongue-jaw lift)

After two sets of thrusts, airway and breathing returns to P2

16. **Secondary Assessment of P2 - choking mechanic**

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
nose	(as found, no fluids)	A/S	02	0
mouth	(as found, no odour, foreign object - gum)	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)	A/S	02	0
abdomen	(as found)	A/S	02	0
pelvic area	(as found)	A/S	02	0

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right leg	(as found)	A/S	02	0
right foot	(as found)	A/S	02	0
left leg	(as found, distal laceration)	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)	.....	A/S	02	0
left hand	(as found)	.....	A/S	02	0
Was casualty kept in one position during examination		.....	A	05	0
Was constant monitoring of pulse and respirations maintained?		...	A/S	10	0
Reassurance provided... (would you as a casualty feel:)					
comforted and reassured to an adequate level	OR	.....	A	05	0
comforted and reassured to very comfortable level		.....	A	10	0
Vitals for P2: Did team perform suitable assessment of the following					
Pulse Check (once) (corrected to be 100, full and irregular)		.....	A	05	0
Pulse Check (twice) (corrected to be 80, full and irregular)		.....	A	05	0
Respiration Check (once) (corrected to be 18 full regular)		.....	A	05	0
Respiration Check (twice) (corrected to be 18 full regular)		.....	A	05	0
Temperature/Skin Condition Checked (once) (cyanotic)		.....	A	05	0
Temperature/Skin Condition Checked (twice) (returning to norm)		.	A	05	0
17.	Was casualty repositioned into recovery position?	.....	A/S	20	0
18.	Did team interact during Primary/Secondary assessment (explaining what they were doing and questioning him/her for pain etc.. Despite unconsciousness of first patient)				
			P1	A	05 0
			P2	A	05 0

TREATMENTS:

19.	Fracture of Right Shoulder of P1				
	Was it inspected visually [swelling and deformity]	.....	A	05	0
	Was adequate padding used to keep joint in position found	.....	A	05	0
	Was application of a bandage/sling used to support limb	.....	A	05	0
	Was bandaging checked (once)	.....	A/S	05	0
	Was bandaging adequate to immobilize shoulder	.....	A	05	0
	Was ice applied to control swelling	A	05	0
	Was distal circulation checked (ie . capillary refill)	A	05	0

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20. Internal Bleeding to Abdomen of P1

Was it inspected visually [swelling and discolouration]	A	05	0
Were feet elevated to prevent advance of shock	A	10	0
Was statement made that nothing would be given by mouth	A	05	0

21. Laceration to Left Lower Leg of P2

Was wound inspected/visualized to ensure no embedded objects . .	A	05	0
Was bleeding controlled	A	10	0
Was it protected with sterile dressing	A	05	0
Was direct pressure applied to control bleeding	A	05	0
Was bandage checked (once, as found)	A	05	0
Was distal temperature checked	A	05	0
Was distal sensation checked	A	05	0

RECORDING:

22. Was the time and date of incident recorded A 02 0

23. P1

Was name 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 suspected fracture of right shoulder recorded?	A	02	0
Was treatment of the fracture recorded?	A	02	0

Was suspected internal injury/bleeding to abdomen recorded?	A	02	0
Was treatment of the internal bleed recorded?	A	02	0

Was history recorded? A 02 0

Was the presence of medication or medical conditions recorded? . . A 02 0

Was record signed by both first aiders? A 02 0

24. P2

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

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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 history and observation of witnessing casualty choke recorded?	A	02	0
Was conscious-witnessed choking modality treatment recorded?	A	02	0
Was unconscious-witnessed choking modality treatment recorded?	A	02	0
Was time of non-breathing approximated and recorded?	A	02	0
Was laceration to left lower leg recorded?	A	02	0
Was treatment of the lower leg recorded?	A	02	0
Was history recorded?	A	02	0
Was record signed by both first aiders?	A	02	0

Total Possible Marks: _____

Actual Total : _____

Team Name: _____

Floor Position: _____

Judges' Names: (1) _____

(2) _____

Judges' Signatures: (1) _____

(2) _____