**Trauma SAQ 1**

A 15 year old male has been brought in to the resuscitation room of a trauma centre by ambulance. He has a large wound to his neck, and no other obvious injuries. He is awake and alert.



Observations

P100

BP 100/70

RR 22

Sats 99% RA

**Question 1**

Which zone of the neck does this injury involve? (1)

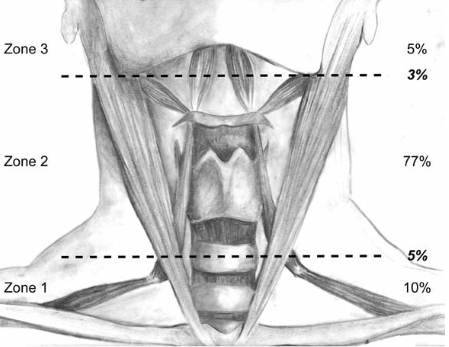
Zone 2

**Question 2**

Can you define the boundaries of this zone? (2)

Inferior border – cricoid cartilage

Superior border – horizontal line drawn between the angles of the mandible

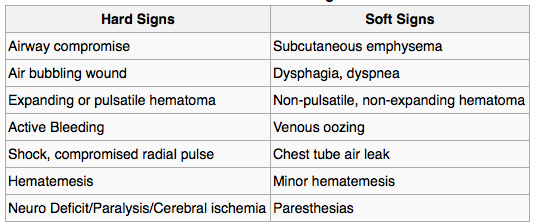
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**Question 3**

List 4 HARD clinical signs that would mandate immediate transfer to the operating theatre for urgent mandatory exploration? (4)

ANY 4 OF:

* Airway Compromise
* Air Bubbling in wound
* Haemodynamically unstable patient
* Pulsatile or active arterial bleeding
* Expanding or pulsatile haematoma
* Haematemesis
* Significant neurological defecit



**Question 4**

Assuming that there are no hard signs present and he is stable, what would be the ideal next radiological investigation of choice in this case? (1)

Spiral CT Angiogram