

## SAQ Chest trauma

According to ATLS

a) List 6 immediately life threatening conditions in chest trauma (2 marks)

<i>Airway blockage</i>	<i>Massive Haemothorax</i>
<i>Tension Pneumothorax</i>	<i>Flail Chest</i>
<i>Open Pneumothorax</i>	<i>Cardiac Tamponade</i>

b) What criteria define Massive Haemothorax (2 marks)

*>1500 ml immediate blood loss*  
*Ongoing blood loss requiring transfusion*

c) Name 8 potentially life threatening chest injuries which might be found on the secondary survey (3 marks)

<i>Myocardial contusion</i>	<i>Traumatic aortic rupture</i>
<i>Pulmonary contusion</i>	<i>Oesophageal rupture</i>
<i>Tracheo-bronchial disruption</i>	<i>Simple pneumothorax</i>
<i>Traumatic diaphragmatic injury</i>	<i>Mediastinal traversing wounds</i>

d) Describe how you would perform pericardiocentesis (2 marks)

<i>cardiac monitoring</i>	<i>advance, withdrawing syringe</i>
<i>2 cm inf to xiphisternum</i>	<i>withdrew if ECG changes</i>
<i>Aim for L scapula</i>	

e) A 70 Kg patient has just been intubated. At what minute volume would you set the ventilator? (1 mark)

*5-8 L min<sup>-1</sup> (100 ml/kg/min)*