

C3AP1a Major trauma - Chest Injuries

The trainee will be able to evaluate the patient who presents with major trauma and to identify and treat the life-threatening presentations, to produce a valid differential diagnosis, appropriate investigation and implement a management plan. The trainee builds on previous training with more detailed knowledge, skills and behaviours

Knowledge	Assessment Methods	GMP Domains
Know the patho-physiology of cardiothoracic injury	E, Mi, C, ACAT	1
Be able to identify life-threatening chest trauma i.e. tension pneumothorax, open pneumothorax, flail chest massive haemothorax, and cardiac tamponade	E, Mi, C, ACAT	1
Be able to identify those patients with potential aortic injury, diaphragmatic rupture, pulmonary contusion, myocardial contusion, oesophageal rupture, tracheo-bronchial injury, rib and sternal fractures	E, Mi, C, ACAT	1
Know the associated plain radiology and CT appearances of these injuries	E, Mi, C, ACAT	1
Skills		
Be able to undertake systematic approach and identify these conditions	Mi,C,E, D, L	1
Be able to undertake needle thoracocentesis, chest drain insertion and pericardiocentesis	Mi,C,E, D, L	1
Be able to detect the deteriorating patient	Mi,C,E, D, L	1
Behaviour		
Be meticulous in assessment and undertake repeated assessment	Mi, C	1,2,3,4
Know when to refer to cardiothoracic surgery	Mi, C	1, 2, 3, 4