

CAP7 Chest Pain

The trainee will be able to assess a patient with chest pain to produce a valid differential diagnosis, investigate appropriately, formulate and implement a management plan		
Knowledge	Assessment Methods	GMP Domains
Characterise the different types of chest pain, and outline other symptoms that may be present	E, C, Mi, ACAT	1
List and distinguish between the common causes for each category of chest pain and associated features: cardio-respiratory, musculoskeletal, upper GI	E, C, Mi, ACAT	1
Define the pathophysiology of acute coronary syndrome and pulmonary embolus	E, C, Mi, ACAT	1
Identify the indications for PPCI and thrombolysis in ACS	E, C, Mi, ACAT	1
Identify the indications and limitations of cardiac biomarkers, d-dimer analysis, CTPA and V/Q scanning	E, C, Mi, ACAT	1
Know emergency treatments for PE, ACS and aortic dissection	E, C, Mi, ACAT	1
Outline the indications for further investigation in chest pain syndromes: CTPA, trans-oesophageal echocardiography and tread mill (stress) testing	E, C, Mi, ACAT	1
Skills		
Interpret history and clinical signs to list appropriate differential diagnoses: especially for cardiac pain & pleuritic pain	Mi, C	1
Order, interpret and act on initial investigations in the context of chest pain appropriately: such as ECG, blood gas analysis, blood tests, chest radiograph, cardiac biomarkers	Mi, C	1
Commence initial emergency treatment including that for coronary syndromes, pulmonary embolus and aortic dissection	Mi, C, D	1
Elect appropriate arena of care and degree of monitoring	Mi, C	2
Formulate initial discharge plan	ACAT, C, AA	1
Behaviour		

Perform timely assessment and treatment of patients presenting with chest pain	ACAT, C	1
Involve senior when chest pain heralds critical illness or when cause of chest pain is unclear	ACAT, C	3
Recognise the contribution and expertise of specialist cardiology nurses and technicians	ACAT, C	3
Recommend appropriate secondary prevention treatments and lifestyle changes on discharge	ACAT, C	2, 3
Communicate in a timely and thoughtful way with patients and relatives	ACAT, C, M	3, 4