

2 days ago 40 year old woman flew back to Liverpool from skiing in Breckenridge, Colorado. She fractured her left tibia and fibula and has her leg in plaster. Today she presents to A&E with a sudden onset sharp, pleuritic left sided chest pain and SOB. Describe your initial management. 2 points

She has a RR of 25, sats of 100%, BP 140/85, ECG shows a sinus tachy of 110. According to BTS guidelines, what should be the next investigation? 1 point

Name other investigations which can be used as alternatives. 2 point

She is not improving and suddenly deteriorates. What are the clinical signs of massive PE. 4 points

What bedside investigation would help to confirm the diagnosis and what is the treatment of choice. 1 point