

Provisional Diagnosis- Right sided Tension Pneumothorax

Cause- Due to Central Venous Catheter placement in the right Subclavian vein. Although Invasive positive pressure ventilation can cause pneumothorax, it's rarely tension pneumothorax. Subpleural blebs may rupture, but that would take time to develop into the severe and acute tension pneumothorax seen in our patient.

Radiological Tool- Although tension pneumothorax is a clinical diagnosis, a chest X-ray will help in confirmation. We will see relative hyperlucency in lung fields with tracheal deviation to the opposite side. You can also see a depressed diaphragm.

Management- Emergent needle thoracostomy.