Critical Results Requiring Immediate Clinician Notification: Chest

1. Lungs/Airways/Pleura
   a. Pneumothorax
      i. If new
      ii. If increasing without a chest tube in place
      iii. If significantly increasing despite a chest tube in place
   b. Tuberculosis; acute and active (not if chronic or old sequela of)

2. Mediastinum
   a. Bronchial Tear
   b. Mediastinal hematoma or trauma
   c. New pneumomediastinum

3. Vascular
   a. New pulmonary embolism
   b. Ruptured aorta or impending rupture
   c. Acute aortic syndrome (new aortic dissection, intramural hematoma, penetrating aortic ulcer or aneurysm with impending rupture.)
   d. Unsuspected aortic aneurysm >5cm

4. Cancer
   a. Undiagnosed lung cancer
   b. New metastatic disease
   c. Cancers causing impending acute complications through erosions/obstructions/etc.
   d. New central venous obstruction

5. New foreign body within the patient

6. Mispositioned lines/tubes/support devices or complications of their placement (see Tubes and Lines Policy: Chest)