#### **Chest Unknown**

### History

#### 60-year-old female

- 4 yrs. ago bilateral mastectomy for cancer
- 6 mos. ago resection of lingula metastasis
- Now pleuritic chest pain for 2 months





# Radiographic Finding

- 1. Mediastinal mass
- 2. Mass at left base
- 3. Pneumothorax
- 4. Mesothelioma
- 5. Normal

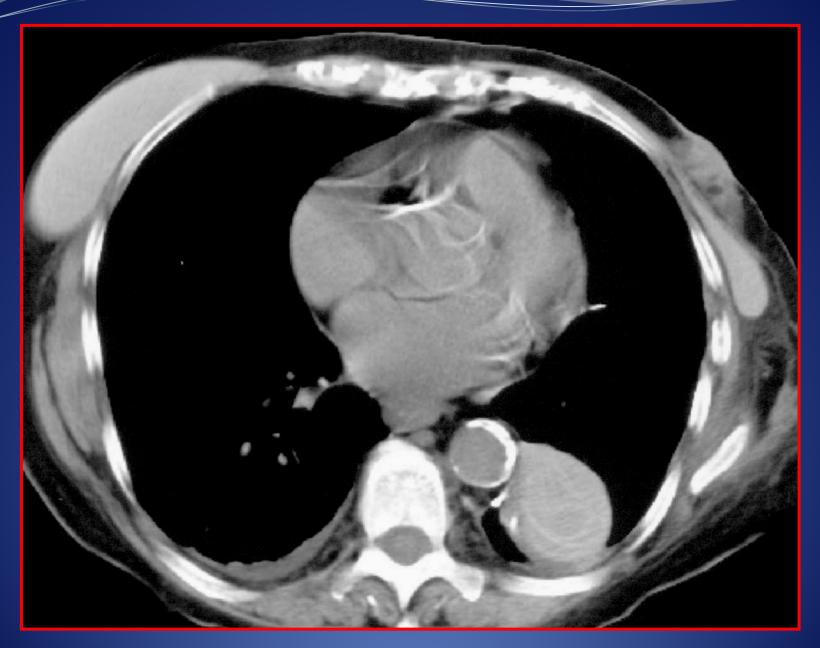


# Radiographic Finding

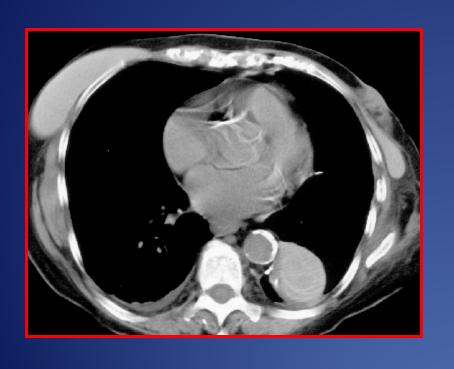
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#### CT the next day



# The Best Diagnosis:



- 1. Retained surgical sponge
- 2. Posterior mediastinal mass
- 3. Mesothelioma
- 4. Breast prosthesis
- 5. Breast Metastasis



#### Discussion

The surgery for the lingula metastasis was done through an anterior approach. Many months later, the patient noticed the left breast was getting smaller. Around this time she developed pleurisy.

CT shows that the left breast prosthesis is no longer present. Notice the swirl within the soft tissue mass in the pleura. This is the "linguine sign", indicative of a collapsed breast prosthesis.

Reference and similar case, next slide.

#### Plastic & Reconstructive Surgery 116(6):1826-1827; November 2005.



