



THE PREMIER REGIONAL EVENT IN CARDIOVASCULAR DISEASE

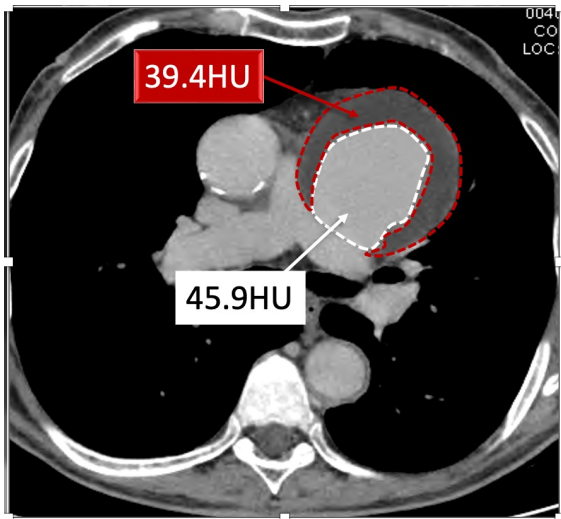
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Percutaneous Transthoracic Embolization for Hemothorax Due to Suspected Secondary Rupture After Chimney TEVAR

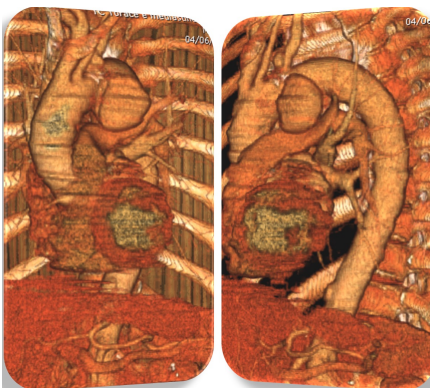
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1. CLINICAL SCENARIO



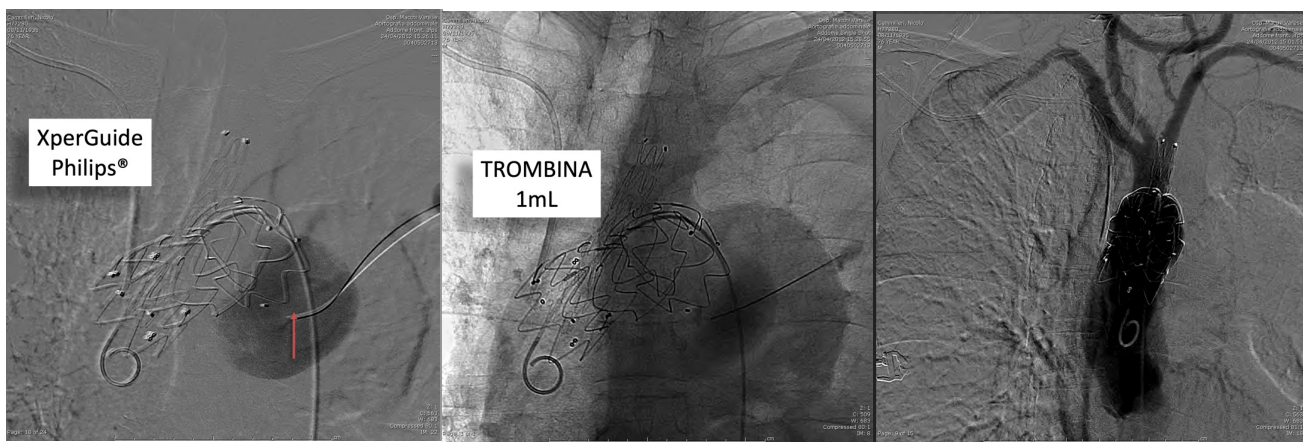
76-year-old patient after Chimney TEVAR presented with acute chest pain and hemodynamic instability. CT revealed massive left hemothorax with suspected secondary sac rupture and no visible endoleak.

2. THE DIAGNOSTIC CHALLENGE



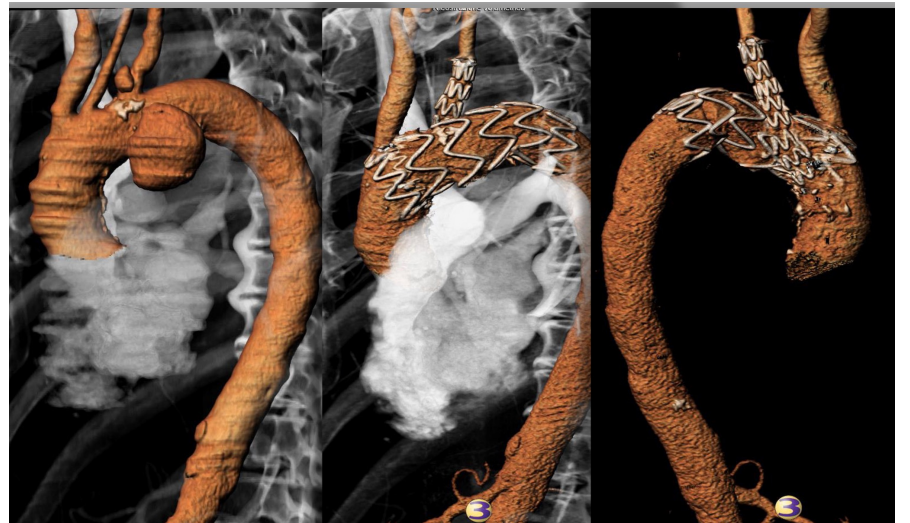
Angiography failed to demonstrate any endoleak. Surgical conversion was considered too high risk. Standard endovascular options were not feasible.

3. CT-GUIDED SAC EMBOLIZATION TRANSTHORACIC



CT-guided direct transthoracic puncture of the aneurysmal sac was performed. 1 mL thrombin was injected achieving immediate bleeding control.

3. OUTCOME



200 mL hemothorax drained. Rapid hemodynamic stabilization. Follow-up CT confirmed complete sac exclusion. No surgery required.

4. TAKE HOME MESSAGE

When endovascular visualization fails after Chimney TEVAR, CT-guided percutaneous sac embolization can be a life-saving bailout technique.