



Unusual Presentation of Pulmonary Hematoma after Blunt Chest Wall Trauma

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ABSTRACT

A 25-year-old man was admitted in hospital due to right side hemopneumothorax secondary to car accident. A chest tube was inserted. During the hospitalization days, chest CT scan revealed a 3cmx3 cm oval-shaped density located in the right upper lobe. Since he was in a good general condition, he was discharged from hospital after removal of chest tube and a follow-up chest CT-scan was recommended. In the chest CT scan that was performed 3 months later (Figure 1), the oval-shaped density was increased in size. There was no endobronchial lesion in bronchoscopic evaluation. Surgery was recommended. He underwent thoracotomy and the lesion was resected (Figure 2). It was post-traumatic pulmonary hematoma (Figure 3).

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Figure 1. CT-Scan of patient 3 months after trauma (parenchymal and mediastinal views).



Figure 2. Macroscopic view of the lesion.



Figure 3. Macroscopic view of the lesion after incision (organized hematoma inside the lesion).

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