Unusual Presentation of Pulmonary Hematoma after Blunt Chest Wall Trauma

Reza Bagheri1*, Reza Afghani2

1 Thoracic Surgery, Cardio- Thoracic Surgery & Transplant Research Center, Emam Reza Hospital, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran
2 Fellowship of Thoracic Surgery, Cardio- Thoracic Surgery & Transplant Research Center, Emam Reza Hospital, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran

ARTICLE INFO

Article type:
Image in Cardio-Thoracic Medicine

Article history:
Received: 21 Oct 2013
Revised: 20 Nov 2013
Accepted: 13 Jan 2014

Keywords:
Blunt trauma
Pulmonary Hematoma
Thoracotomy

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 was underwent thoracotomy and the lesion was resected (Figure 2). It was post-traumatic pulmonary hematoma (Figure 3).

► Please cite this paper as:

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).

*Corresponding author: Reza Bagheri, Cardio- Thoracic Surgery & Transplant Research Center, Emam Reza Hospital, Faculty of medicine, Mashhad University of Medical Sciences, Mashhad, Iran. Tel: 09123463752; Fax: 0511-8436199; E-mail: Bagherir@mums.ac.ir
© 2014 mums.ac.ir All rights reserved.
This is an Open Access article distributed under the terms of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/3.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.