Extrapericardial cardiac tamponade by a retrosternal haematoma after blunt chest trauma

Yong Hwan Kim¹, Jong Bum Kwon¹, Chan Beom Park¹ and Si Young Choi*²

¹ Department of Thoracic and Cardiovascular Surgery, Uijeongbu St. Mary's Hospital, The Catholic University of Korea, College of Medicine, Seoul, Korea
² Department of Thoracic and Cardiovascular Surgery, Daejeon St. Mary's Hospital, The Catholic University of Korea, College of Medicine, Seoul, Korea

* Corresponding author: Department of Thoracic and Cardiovascular Surgery, Uijeongbu St. Mary's Hospital, 65-1, Geumo-dong, Uijeongbu, Gyeonggi-do 480-821, Seoul, Korea. Tel: +82-31-8203608; fax: +82-31-8472934; e-mail: youngsurgeon@naver.com (S.Y. Choi).

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A 40-year old male presented with an epigastric pain after being hit by a heavy burden. Chest computed tomography revealed the presence of a huge retrosternal haematoma with cardiac tamponade (Fig. 1). The haematoma was removed through a median sternotomy and we confirmed bleeding from a left internal mammary artery.

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Figure 1: Chest computed tomography demonstrates a huge retrosternal haematoma with a focus of active bleeding just posterior to the sternum compressing the mediastinal structure (arrow). The blood pressure was 80/40 mmHg, with a pulse rate of 140 beats/min. The patient underwent immediate surgical exploration. The postoperative course was uneventful.