Liver, heart and vein injury developing concomitantly due to tube thoracostomy

Tüp torakostomiye bağlı eş zamanlı gelişen karaciğer, kalp ve damar yaralanması

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Although chest tube insertion is routinely performed for certain indications, it is still possible for serious complications to occur during this common procedure.1,2 As a case in point, we inserted a small bore chest catheter (10F) in a 35-year-old male patient suffering from a traumatic hemothorax. Surprisingly, thoracic computed tomography showed that the catheter had entered via the eighth intercostal space and ended up at the right atrium after passing through the hepatic vein, inferior vena cava, and foramen ovale (Figure 1a, b). In addition, three-dimensional reconstruction revealed that the catheter had passed from the hepatic zone to the heart behind the sternum (Figure 1c). Multislice computed tomography shows the cause of the catheter in different transverse dissection (Figure 1d-k). We then removed the catheter via a sternotomy without any complications. Patient was discharged postoperative seventh day from the hospital.

Declaration of conflicting interests

The authors declared no conflicts of interest with respect to the authorship and/or publication of this article.

Funding

The authors received no financial support for the research and/or authorship of this article.

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