A 56-year-old man suffered a right pneumonia and homolateral pleural effusion. After chest tube drain, hemothorax through the tube was observed. Insertion of the tube into main pulmonary artery was seen on a CT scan (Figs. 1 and 2). Reparation of vascular lesions was not feasible; right pneumonectomy was performed via anterolateral right thoracotomy.

Fig. 1. X-ray film showing chest tube into right hemithorax crossing the middle line to contralateral side.

Fig. 2. Chest CT scan showing chest tube into right pulmonary artery up to the pulmonary artery root.