Unusual evolution of a pneumonectomy cavity

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We present a case of a 52-year-old patient with a stage IIIA adenocarcinoma who underwent a left pneumonectomy. Two years later, the right lung herniated across the midline so far that the pneumonectomy space had been essentially obliterated (Figs. 1 and 2). Despite this, the patient was asymptomatic.

Fig. 1. Chest X-ray showing right lung occupying both hemithorax and mediastinum slightly turned aside to the left.

Fig. 2. Chest CT showing the right pulmonary artery and the right lung adapted to the whole thoracic cavity. Note the absence of left pleural cavity.