

Images in cardio-thoracic surgery

An adenocarcinoma developed in tuberculosis cavity

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A 71-year-old female patient with a history of tuberculosis was explored via thoracotomy due to a lesion mimicking an intra-cavitary fungus ball (Fig. 1). Intra-operatively, a benign cavity encapsulating a tumoural mass was observed and the

frozen section of the mass displayed an adenocarcinoma (Fig. 2). Upper lobectomy and lymph node dissection were performed.

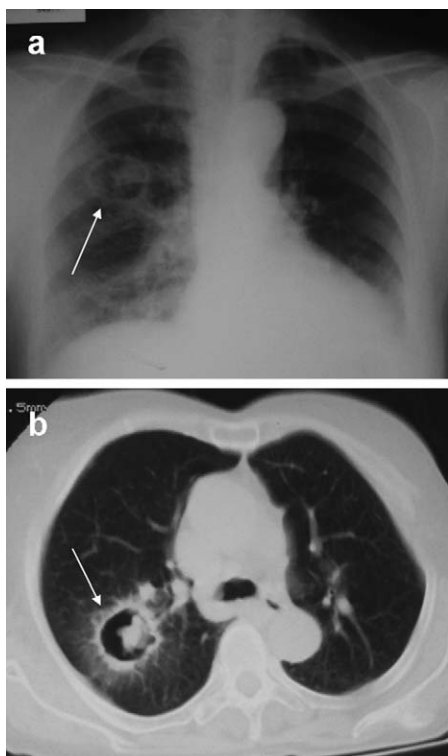


Fig. 1. (a) Posteroanterior chest radiograph. A cavity containing a mass like formation in the middle zone of right lung. (b) Thoracic computed tomography. A cavity 4 cm in diameter containing a formation 1.5 cm in diameter.

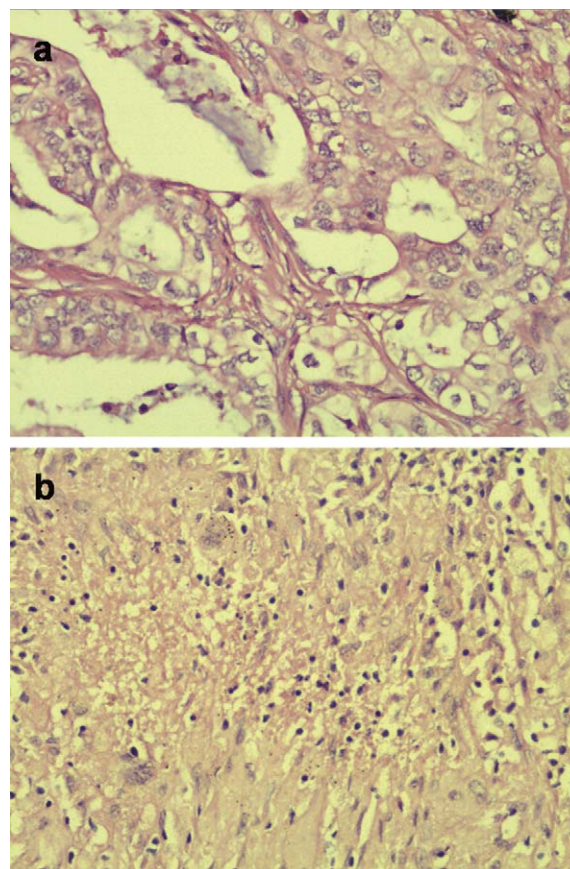


Fig. 2. Histopathology displayed an adenocarcinoma developed in a sterile tuberculosis cavity (a): Photomicrograph of the tumoural tissue (HEX40). Adenocarcinoma (b): Photomicrograph of the paratracheal lymph node. Caseified granulomatous lymphadenitis (HEX40).

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