Pleural perforation of a saprophytic aspergilloma secondary to blunt chest trauma

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A 58-year-old man who had been treated for a spherical tumor with meniscus sign, fell down from an electric pole during his work (Fig. 1). Chest radiography and computed tomography (CT) demonstrated pleural perforation of a fungus ball with hydropneumothorax localizing in the lower pleural cavity (Fig. 2). A right lower pleural lobectomy was performed.

Fig. 1. Chest radiogram obtained elsewhere 2 years prior to the accident, showing a spherical calcified lesion, 2 cm in diameter, with a meniscus sign in the lower lung field.

Fig. 2. Chest radiogram (A) and CT scan (B) on admission to our hospital showing a calcified tumor in the right superior lung segment. Hydropneumothorax in the lower pleural cavity is associated with a fistula from the tumor containing a layer of air.