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Pulmonary puzzle

An unusual cystic lung lesion

CLINICAL PRESENTATION

An 80-year-old man was admitted because he had experienced haemoptysis for 4 days. He had smoked 40 cigarettes daily for 50 years. He had no medical history except for chronic obstructive pulmonary disease. Physical examination and laboratory data were unremarkable. A chest radiograph revealed a mass lesion in the right upper lobe of the lung. A CT scan of the patient's chest (fig 1A) showed a well defined cystic mass with mural nodules in the medial aspect of the right upper lung. Magnetic resonance imaging (MRI) of the chest showed a well defined cystic mass with multiple mural nodules in the right upper lung zone, $5\times7.5\times7.5$ cm in size (fig 1B). A CT-guided biopsy was performed and the pathology of the specimen indicated chronic inflammation.

Figure 1 (A) CT scan of the chest showing a well defined cystic mass with mural nodules $10 \times 7.5 \times 7.0$ cm in the medial aspect of the right upper lung. There were no enlarged mediastinal or hilar nodes. (B) MRI of the thorax showing a well defined cystic mass with mural nodules $8.5 \times 7.5 \times 7.5$ cm in the right upper lung.

QUESTION

What is your diagnosis? *See page 1005*

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