

# A Case of Endobronchial Foreign Body Presenting with a Chronic Cough

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## **Abstract**

A 60-year-old man was admitted to a hospital because of a persistent cough that lasted for half a year and was unresponsive to herbal medicine and antimicrobial agents. A chest auscultation revealed wheezes, although the patient did not feel dyspnea. A chest radiograph showed a roentgenopaque nodular shadow in hilum of the right lung, and respiratory function tests demonstrated an irreversible obstructive ventilatory impairment. A chest computed tomography revealed a high-density metallic material in the truncus intermedius. The material was a dental crown and was successfully removed by using a flexible bronchoscope, although the mucosal edema and surrounding granulation tissue made it difficult to be grasped. His wheezing thus disappeared and forced expiratory volume in 1 second was shortly improved.

**Key words: Endobronchial foreign body, Dental crown, Respiratory function tests,  
Flexible bronchoscopy**