

A 58-year-old female with chronic cough

Allergic bronchopulmonary aspergillosis (ABPA) is a pulmonary disease caused by a complex hypersensitivity reaction to colonization of the airways with various fungi. ABPA caused by *Alternaria alternata*, other than *Aspergillus* spp., is named Allergic bronchopulmonary mycosis (ABPM). This is the first case of ABPM caused by *Alternaria alternata* in East Asia, and the second case worldwide.

증례

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A 58-year-old female visited our hospital due to chronic cough with abnormal chest x-ray. Her chest computed tomography (CT) revealed consolidation in the left lower lobe. On laboratory finding, eosinophil count and total IgE level were high. The skin prick test and specific IgE for *Alternaria alternata* were positive. After diagnosis of ABPM, the patient was treated with prednisolone without antifungal agents, and her chest image was much improved.

In conclusion, aspergillus is most common etiology of allergic pulmonary disease, however, *Alternaria* should be considered even though positive culture of *Aspergillus* spp.