

13th EUROPEAN PATHOLOGY CONGRESS

August 02-03, 2017 Milan, Italy

Necrotizing sarcoid granulomatosis: Case report

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Necrotizing Sarcoid Granulomatosis (NSG) is a rare granulomatous pneumonitis which is composed of background of sarcoidosis-like granulomas with granulomatous vasculitis and variable amount of necrosis. We reported a case of 38-year-old non-smoking woman presented by left-sided chest pain and dyspnea for three days. Chest CT scan exhibited collapse consolidation of left lower lobe with presence of two septated small sized cystic lesions within collapsed segment. Video-Assisted Thoracic surgery (VATS) was performed and histological examination confirmed the diagnosis by excluding other causes of granulomatous disease. The prognosis of NSG is favorable and medical treatment is usually not necessary, as well as our case. NSG is a rare disease with nonspecific symptoms and good prognosis which frequently confused with Wegener's granulomatosis, sarcoidosis and churg strauss. This entity should also be considered as differential diagnosis of necrotizing granulomatous diseases.

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