

A case of pemetrexed-induced pneumonitis in a patient with non-small cell lung cancer

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A 69-year-old man with advanced non-small cell lung cancer who received pemetrexed, as second-line chemotherapy treatment before three weeks. He was admitted with fever and dyspnea. Chest radiograph showed interstitial infiltrations at both lung fields and computed tomographic scan revealed diffuse ground glass opacities. Bronchoscopic evaluation excluded infectious cause and we performed tissue biopsy via video-assisted thoracoscopic surgery. The diagnosis of pemetrexed-induced pneumonitis was made. After high-dose prednisolone therapy, clinical presentations and interstitial infiltrations at both lung fields improved. This is apparently the first reported case of pemetrexed-induced pneumonitis in Korea.