

Lung uptake on a bone scan: A case of pulmonary Waldenstrom's macroglobulinemia

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Pulmonary involvement secondary to Waldenstrom's macroglobulinemia (WMG) is described in a 40-year-old male by incidental findings on a bone scan. He was examined for right leg pain, and bone scan revealed unexpected pulmonary uptake of Tc-99m MDP. CT scan of the thorax revealed pleural effusion and slightly disseminated micronodular density increase in the right lung and parenchymal infiltration in the left lung. Transdermal lung biopsy demonstrated diffuse infiltration of lymphoplasmacytoids. Reporting the presence of pulmonary involvement is important because it may prevent morbidity from pulmonary dysfunction.

Key words: Waldenstrom's macroglobulinemia, pulmonary involvement, Tc-99m MDP