Malignant melanoma of the lung: A case report

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Abstract

Primary melanoma of the lung is an extremely rare pathological entity and sparsely reported in the literature. A 68-year-old man was admitted with 3 months history of cough, sputum production, dyspnea, hemoptysis and chest pain. The chest radiography demonstrated bilateral mass lesion and thoracic computerized (CT) showed a bilateral tissue mass with left parietal invasion. Bronchoscopy revealed a large polypoidal tumor arising from the left lower lobe bronchus, histology at bronchial biopsy revealed a malignant melanoma. Surgical biopsy of the left parietal mass was confirmed by invasive malignant melanoma. Primary melanoma of the lung represents a rare pathological entity; careful interpretation of histopathological information in correlation with all other findings from clinical studies can establish a diagnosis.