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Case Report

Lymphohistiocytoid Mesothelioma: Case Report

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Abstract

Pleural mesothelioma is a neoplastic form mainly linked to exposure to asbestos fibers. It is not frequently observed cancer [1]. The present clinical case concerns a patient with a very rare sarcomatoid variant of this rare neoplasia.

Keywords: Lymphohistiocytoid Mesothelioma; Thoracic Surgery; Rare Cancer

Introduction

The patient whose clinical history is shown in this text is affected by a rare sarcomatoid variant of pleural mesothelioma discovered occasionally.

Case Report

Mr. PR, 70 years old man, arrived at my observation by causing subcutaneous swelling in the left chest region (Figure 1). This painful swelling is subjected to needle biopsy with the histological definition of undifferentiated malignant neoplasia. The patient was then subjected to a CT total body scan examination with contrasting means to prevent the presence of remote localizations of disease. The negativity of the CT examination led to the evaluation of surgical resectibility and the patient was subjected to left anterolateral anterolateral thoracotomy surgery with removal of neoplasia on the thoracic wall, resection of the second and third ribs, atypical resection of the left upper lobe and thoracoplasty. The final histological examination laid down for a lymphohistiocytoid mesothelioma [2] after careful morphological and immunohistochemical evaluation (CD99 -, BCL2 -, INI 1 +, CD5 -, TdT -) [3,4]. The patient has had an optimal post-operative course and is currently being evaluated for treatment with adjuvant radiotherapy.

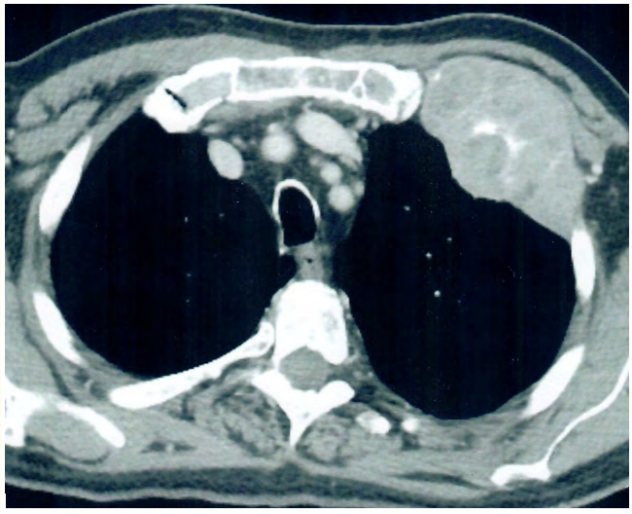

Figure 1

Discussion and Conclusion

This clinical case describes a very rare form of cancer described in a few clinical papers published in international medical literature. The importance of extreme attention in the definition of a histological examination must be underlined in order to be able to orient with certainty towards a therapeutic approach and the need for a multidisciplinary approach to cancer pathology.

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