

## **Dermatofibrosarcoma protuberans with lung and brain metastasis : About an observation.**

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### **Introduction:**

The dermatofibrosarcoma protuberans is a rare skin tumor. It is characterised by a slow evolution, a high incidence of local recurrence and extremely rare metastasis. The lung is the most frequent site of metastasis. We report a case of dermatofibrosarcoma protuberans with pulmonary and brain metastasis.

### **Observation :**

A 59-year-old man with a history of recurrent dermatofibrosarcoma of the abdominal wall consults for a cough and dyspnea that has been evolving for a few days. The chest x-ray shows 2 opacities in the 2 lung fields. The CT scan shows one nodule in the right upper lobe and two bilateral lower lobe masses.

A biopsy of the right apical pulmonary nodule was performed.

Histopathology shows uniform spindle cells containing elongated nuclei arranged in a predominantly storiform pattern. The immunostaining pattern is CD34 positive. It is also negative for other markers such as CD117, S-100, HMB45, desmin and actin.

The patient received targeted therapy with monthly monitoring. In the 4th month he reports the notion of paresthesia of the upper limbs. An MRI was done showing two frontoparietal brain lesions suggestive of secondary locations. The patient is oriented to the radiotherapy.

**Keywords:** dermatofibrosarcoma protuberans, lung brain metastasis, immunohistochemie.

### **Biography**

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