



Tumor-to-Tumor Metastasis: Squamous Lung Carcinoma Metastatic to Meningioma

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Clinical Image

“Tumor to tumor” metastasis is a rare but documented phenomenon, and meningioma has been identified as the most common intracranial tumor hosting metastasis, usually from breast and lung, with no more than a few cases reported. Slow growth, high vascularity and E-cadherin expression distinguish meningioma as an ideal location for its development [1]. Here, a 70-year-old patient diagnosed of metastatic lung squamous cell carcinoma, treated with first-line chemotherapy (carboplatine plus vinorelbine), with a frontal meningioma diagnosed since June 2017, performed a Magnetic Resonance Imaging (MRI) brain in March 2018 because of neurological symptoms. Two intrameningioma lesions were observed: one of 20 mm with marked ring enhancement after contrast administration; and another of 22 mm with a hypo-intense central area surrounded by a diffuse and heterogeneous peripheral enhancement [2]. Both of them were suggestive of metastasis of lung carcinoma. Unfortunately, rapid progression lead to exclusive symptomatic management and not tissue sample were allowed.

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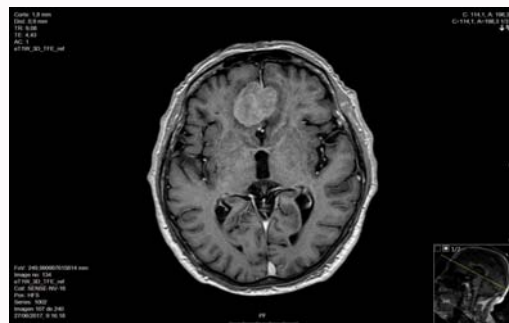


Figure 1: Frontal Meningioma.

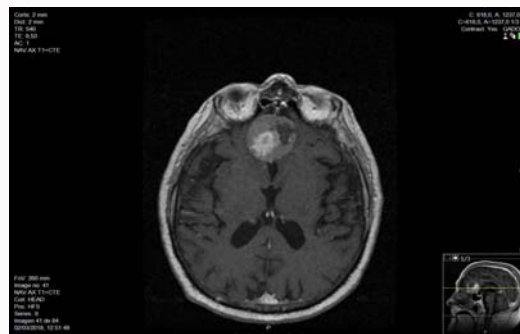


Figure 2: Tumor to tumor metastases: squamous lung carcinoma metastatic to meningiom.

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