

CASE 2022 - 6

Submitted by:

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Clinical History:

A 38-year-old woman originally presented at age 23 year with a 3-week history of diffuse headache between eyes. The MRI showed a well-defined lobulated mass within the right temporal lobe, with stippled enhancement and multiple small foci of calcification (MRI at first diagnosis, coronal T2 & T1 post contrast). The patient underwent a partial resection of the lesion.

She subsequently had a stable clinical course + neuroimaging, without any chemo-radiation therapy, for 5 years when she had a progressive headache. The MRI showed an increase of the residual lesion with peripheral enhancement and coarse foci of calcification (MRI before the second resection, axial T1 & T1 post contrast). The patient underwent a second resection.

Material submitted: 1 H&E section of the lesion from the primary resection; 1 H&E section of the lesion from the second resection

Points for discussion: 1. Differential diagnosis
2. Diagnostic workup