

64th ANNUAL DIAGNOSTIC SLIDE SESSION 2023

CASE 2023-9

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Clinical History:

62-year-old male who presented to ED after experiencing two syncopal episodes and a headache. His past medical history included Hemophilia A. His neurologic exam was within normal limits. MRI of the brain showed a large, partially cystic, calcified, and solid enhancing mass involving the right lateral callosal body and frontal white matter with a wide differential diagnosis including a low-grade glioma (such as pilocytic astrocytoma or oligodendroglioma), solitary cerebral metastasis or an atypical high-grade glioma. The patient underwent craniotomy and resection of the tumor.

Material submitted:

One H&E section of the right frontal mass

Points for discussion:

1. Discuss the differential diagnosis
2. Compare the clinical and histopathological findings with the molecular findings