

65th ANNUAL DIAGNOSTIC SLIDE SESSION 2024

CASE 2024 - 4

Submitted By:

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Clinical History:

The patient is a 60-year-old male from Nigeria who presented with 2-3 months of right-sided headaches. MRI showed a 7.7 x 6.7 x 6.2 cm heterogeneously enhancing right central skull base mass extending into the right middle cranial fossa along the right tentorial leaflet, with invasion of the surrounding paranasal sinuses, extension into the right infratemporal fossa, and encasement of the right internal carotid artery.

Material submitted:

1. One (1) H&E section of skull base mass
2. One (1) series of brain MRI sagittal and coronal post-contrast T1 and axial T2 FLAIR sequences

Points for discussion:

1. Key differentials for skull base tumors
2. Ancillary studies and molecular alterations for this entity