

## 62<sup>nd</sup> ANNUAL DIAGNOSTIC SLIDE SESSION 2021

### Case # 2021-1

Submitted by:

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Clinical History:

56 year-old female experienced right-sided ear pain with hearing loss beginning 3 years later. An MRI performed at age 59 showed a 2.3 cm enhancing skull-base mass at the right prepontine cistern extending to the jugular bulb; the differential diagnosis from the radiologist's report was fairly broad. Past medical history is notable for extracranial tumors for which she underwent neck dissection and open-heart surgery. She has no known history of skin cancer. The intracranial lesion was resected when the patient was age 60.

Material submitted:

Images (x2) - MRI brain (coronal and axial planes)  
H&E section of the "CP angle tumor"

Points for discussion:

1. Summarize the histologic features of this tumor
2. Interpret next-generation sequencing results and clinical significance