

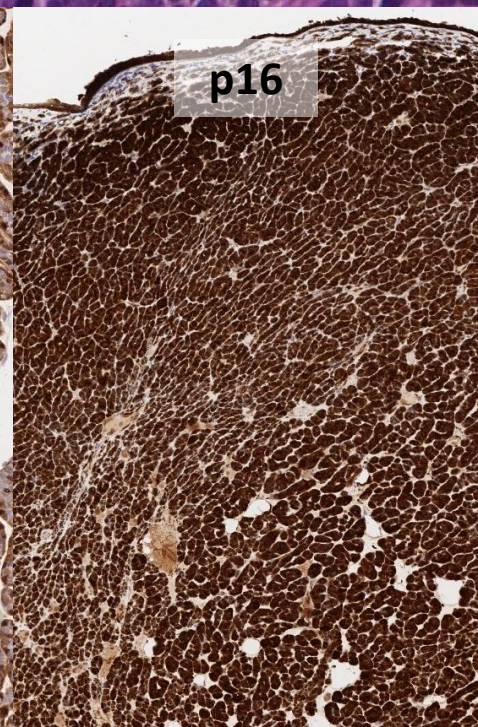
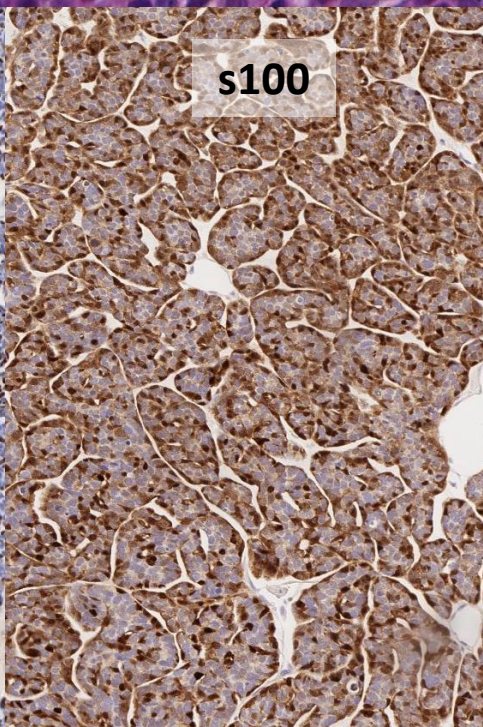
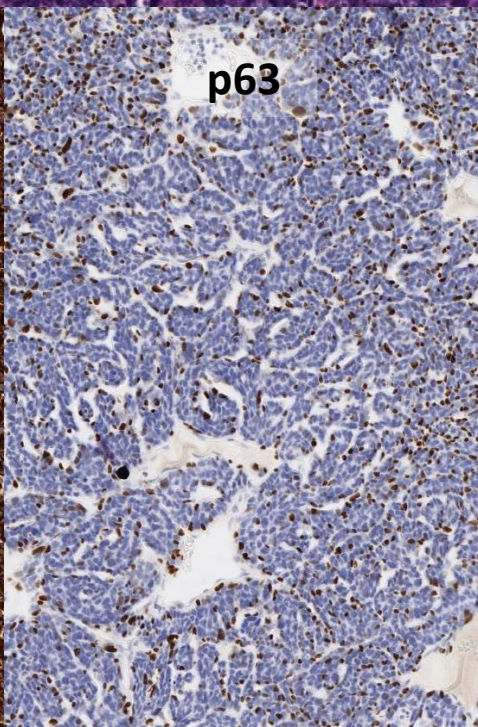
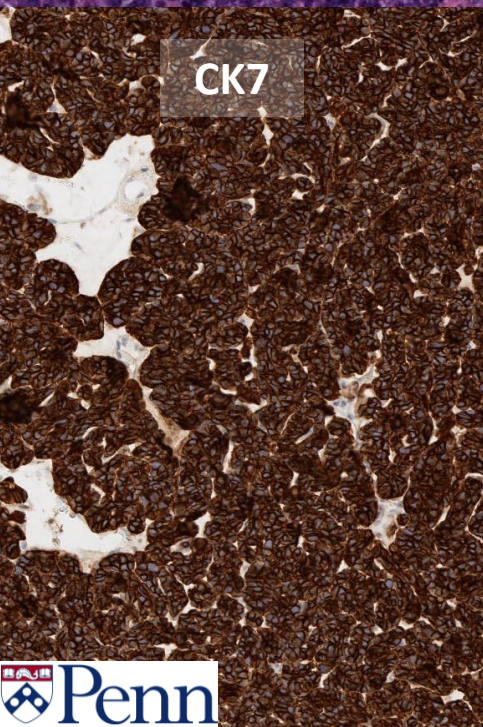
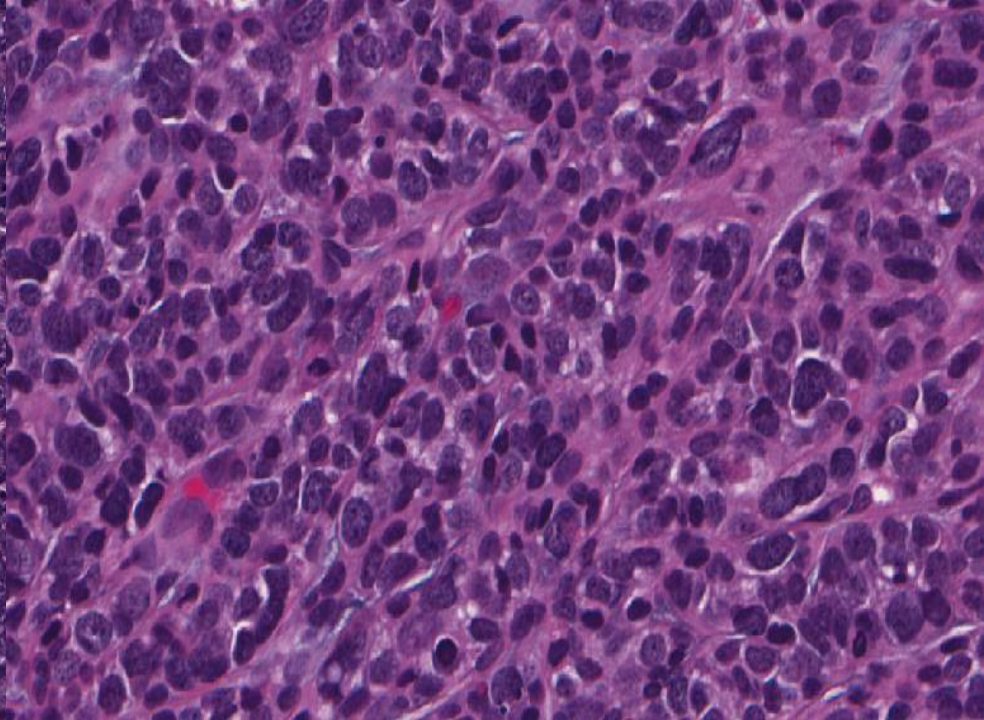
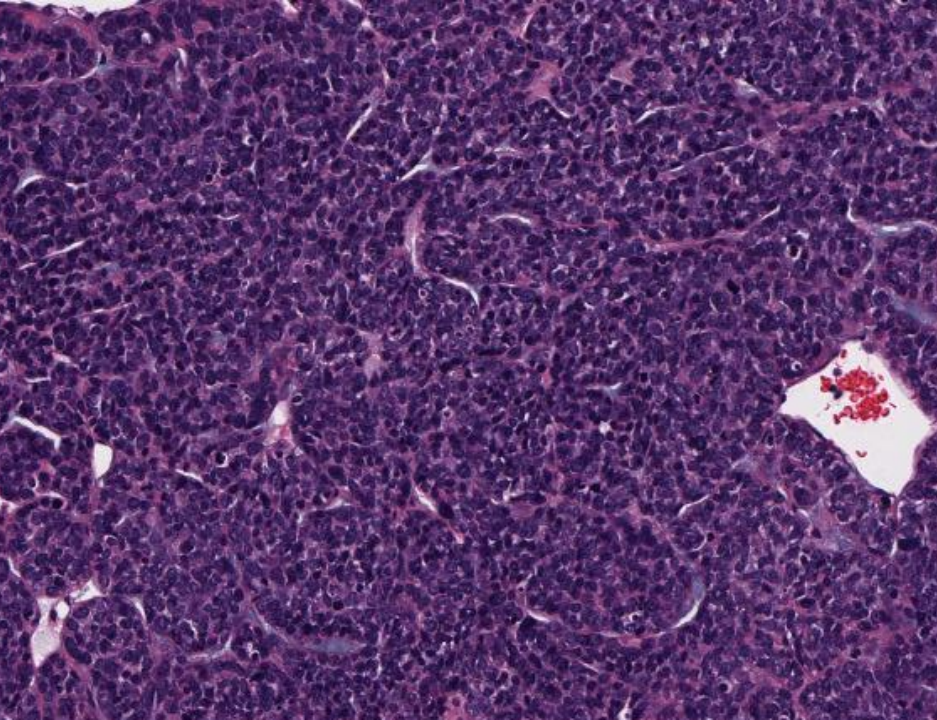


**HEAD & NECK  
INTERESTING CASE #6**

62-year-old man with a right posterior nasal mass

Submitted by Dan Lubin, MD

Prepared by Sharon Song, MD



# What is the diagnosis?

- A. Small cell carcinoma
- B. HPV-related adenoid cystic-like carcinoma
- C. SMARCB1-deficient carcinoma
- D. Adamantinoma-like Ewing family tumor
- E. Adenoid cystic carcinoma

# HPV-related carcinoma with adenoid cystic carcinoma-like features

**Clinical:** Sinonasal tumor most commonly associated with HPV33; has favorable outcome

**Histology:** Predominant population of basaloid cells with minor component of duct cells. Wide histologic spectrum (solid, lobular, nested, cribriform, microcystic growth, separated by fibrous stroma). Many cases show intraepithelial dysplasia of surface epithelium.

**Ancillary studies:** Cytokeratin (AE1/3)+, p16+, C-kit+, basaloid cells express myoepithelial-related markers (p63, calponin, S100, actin). HPV DNA in situ hybridization present. No MYB gene rearrangement.