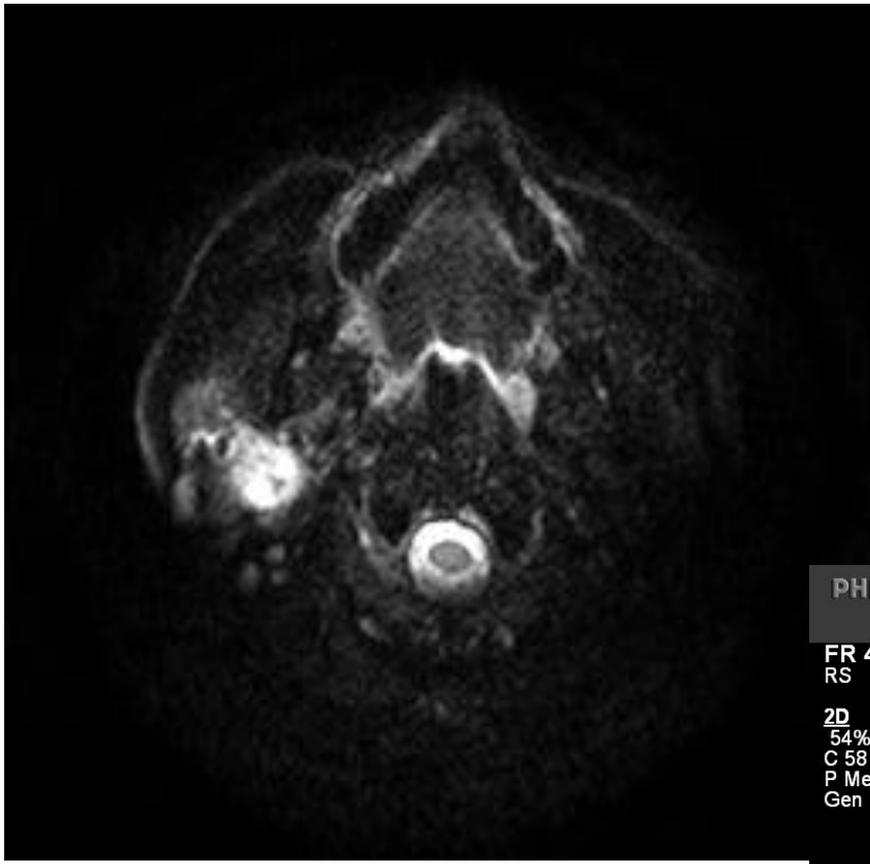


Interesting Case Conference

Hx

- 52 yo Female
- Recent surgery for a parotid mass at an OSH
 - “Facial nerve neuroma”
- Now presents with a recurrent “parotid mass”
- MRI:
 - Heterogeneous 3.6 x 3.6 x 1.9 cm
 - Multiple enhancing cystic areas
 - Extension into mastoid nerve



PHILIPS TIS0.3 MI 0.9

University of MI Hospitals L9-3/Thyroid

FR 45Hz
RS

2D
54%
C 58
P Med
Gen

M4

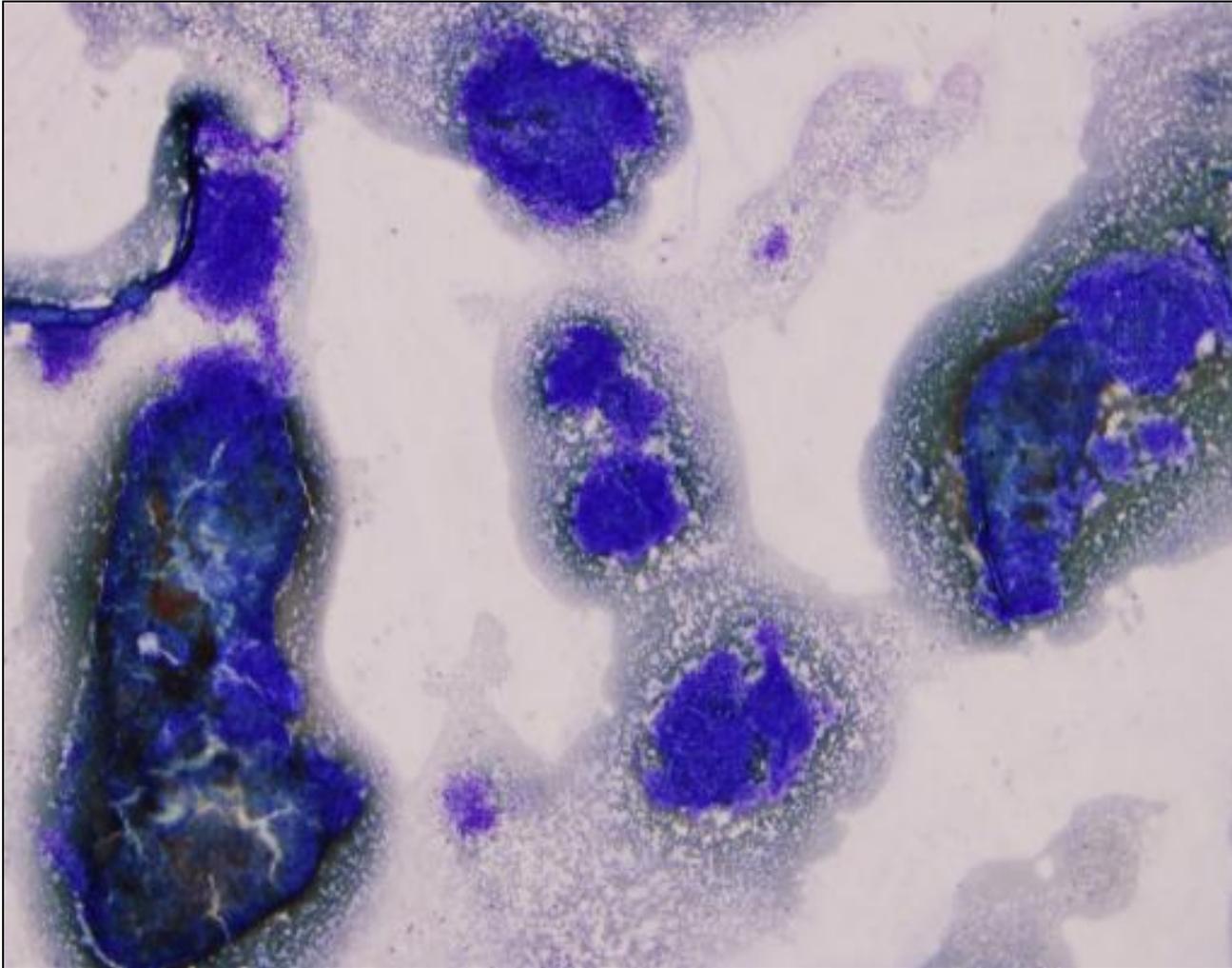
RT
PAROTID
TR

✦ Dist 2.26 cm

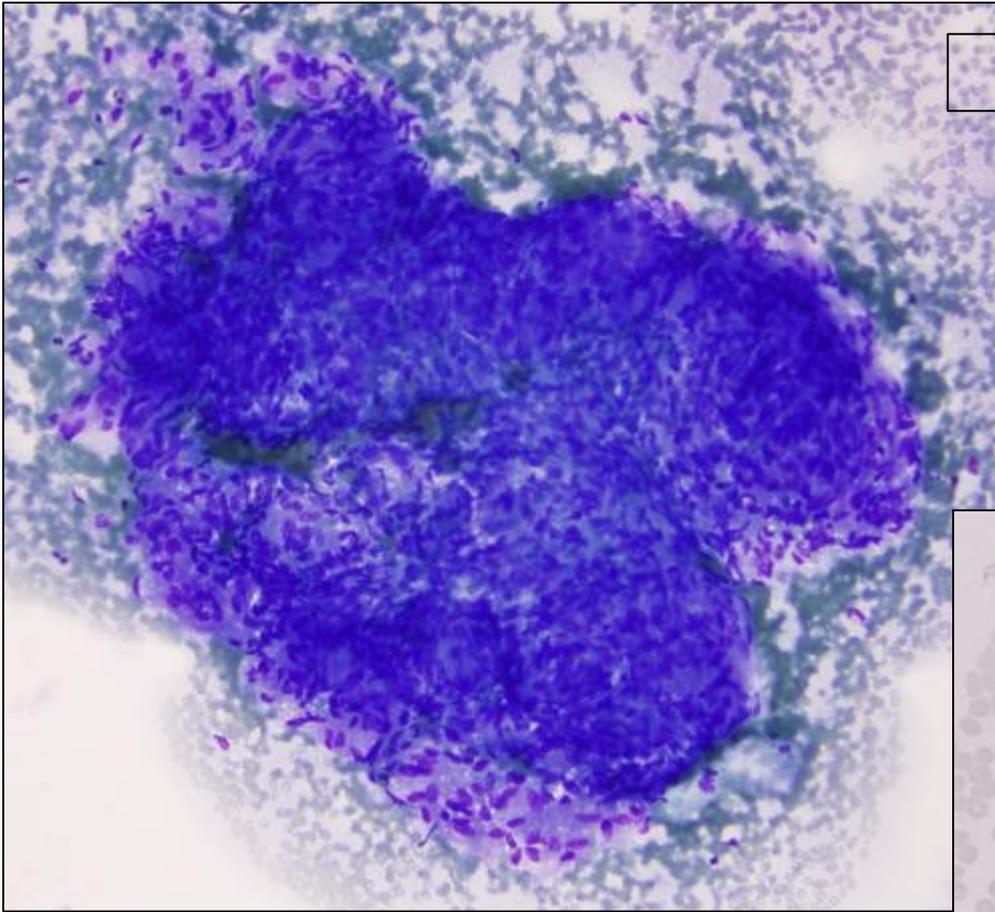
4.0"

Detailed description: This is a B-mode ultrasound image of the right parotid gland. The image shows a grayscale representation of the gland's internal structure. A vertical measurement line is drawn on the right side of the image, with a double-headed arrow indicating a distance of 2.26 cm. The text 'RT PAROTID TR' is positioned to the left of the image. Technical parameters like 'FR 45Hz', 'RS', '2D', '54%', 'C 58', 'P Med', and 'Gen' are listed on the left. The Philips logo and 'University of MI Hospitals L9-3/Thyroid' are at the top. 'TIS0.3 MI 0.9' is in the top right, and 'M4' is on the far right. A scale bar at the bottom right shows '4.0\"/>

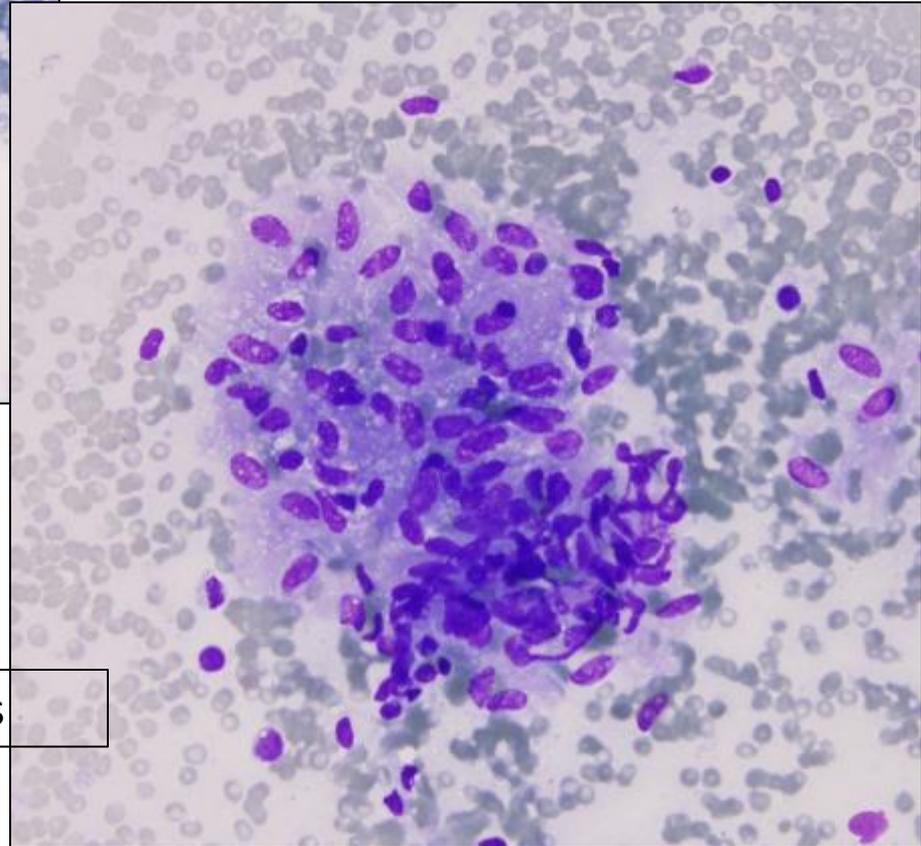
FNA in US



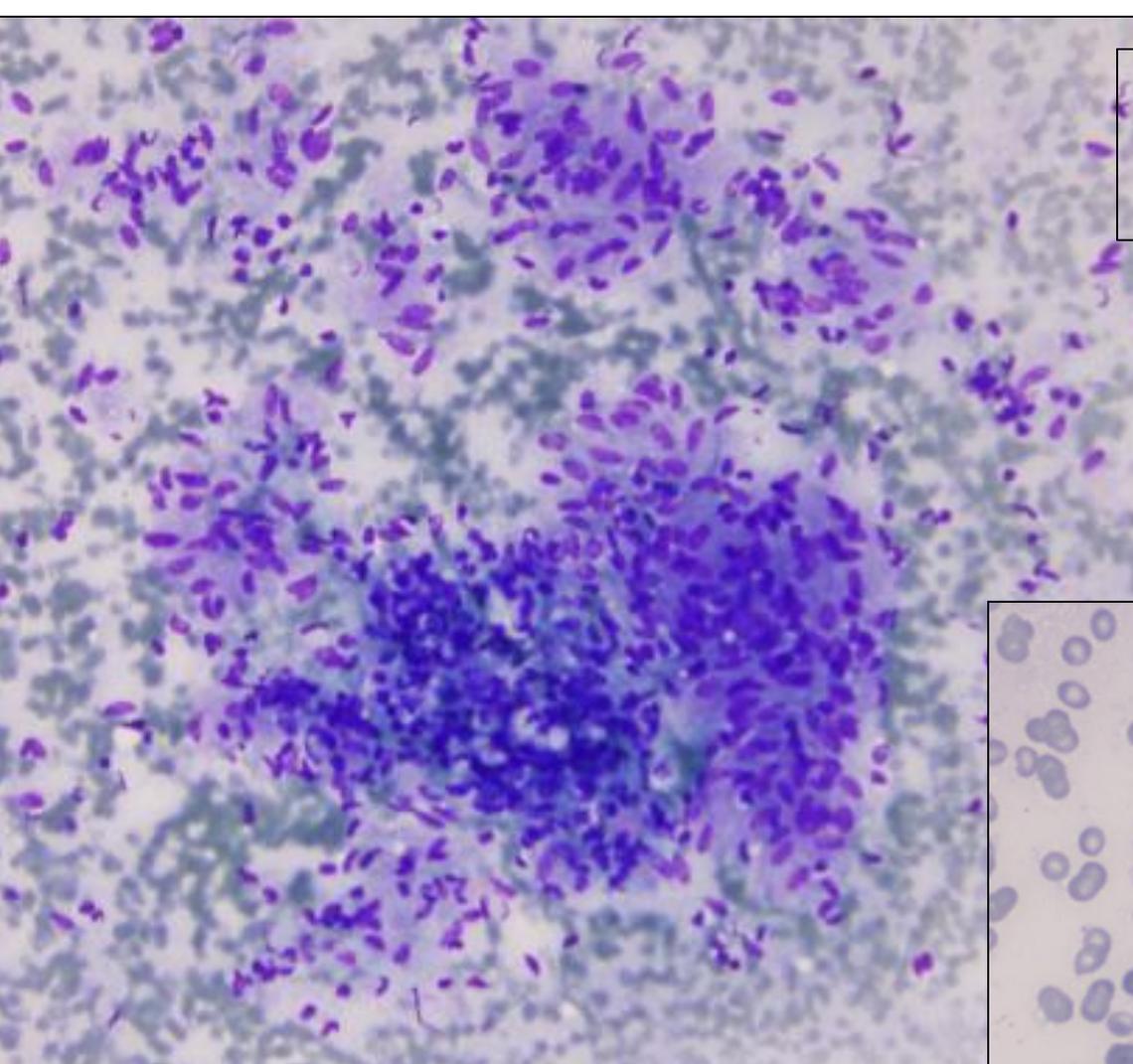
- Several passes with
- Large cohesive cell clusters
- No overt architectural pattern



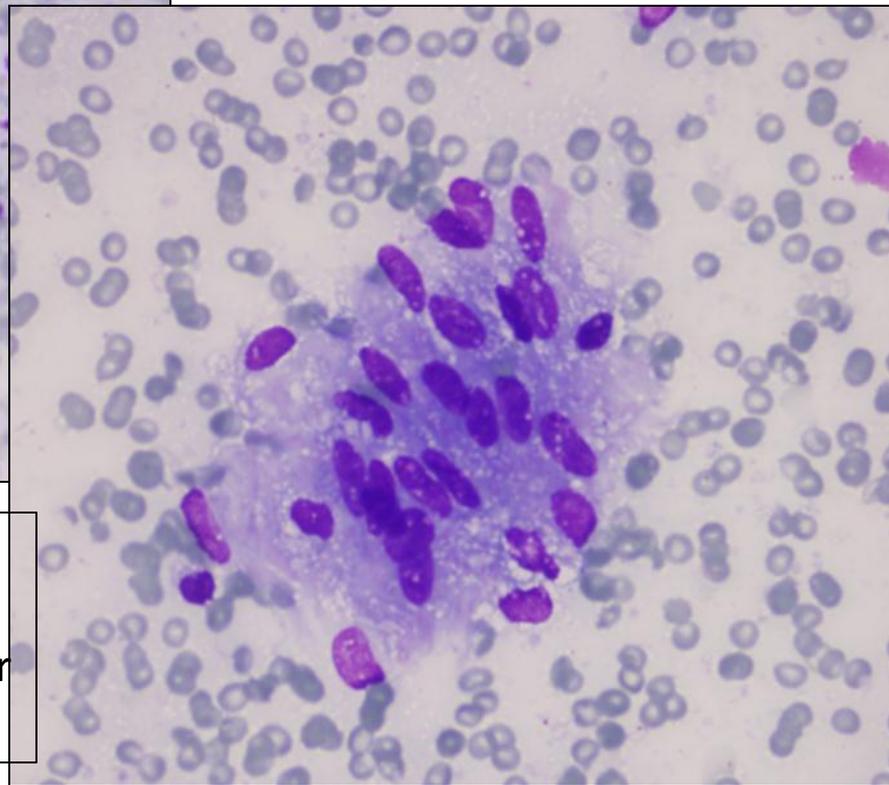
Very tight cellular groups



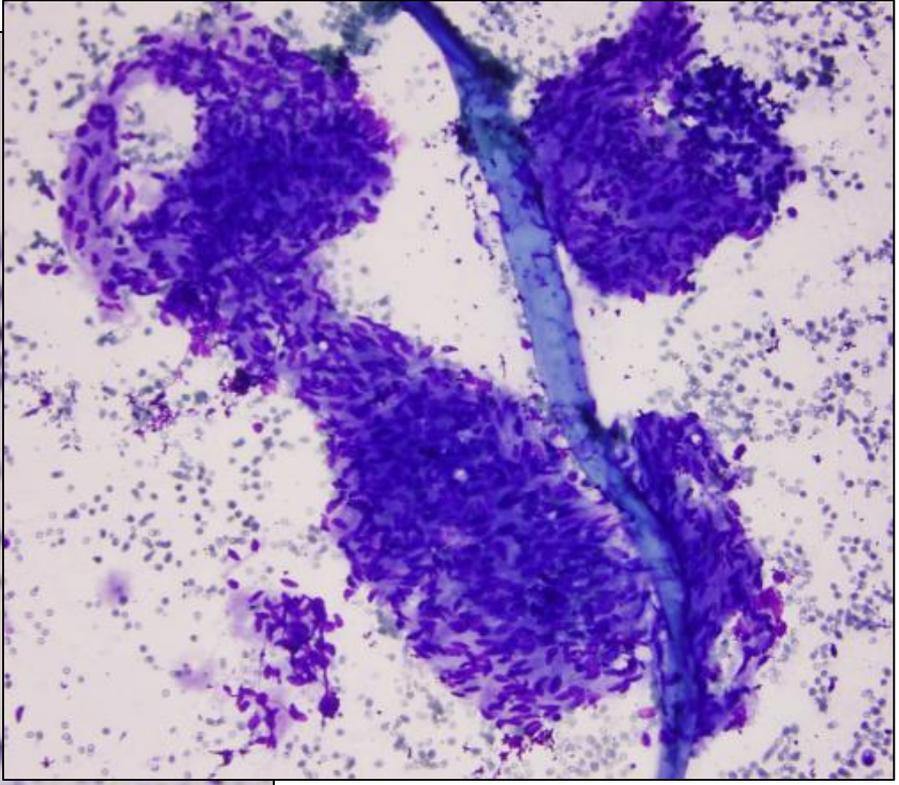
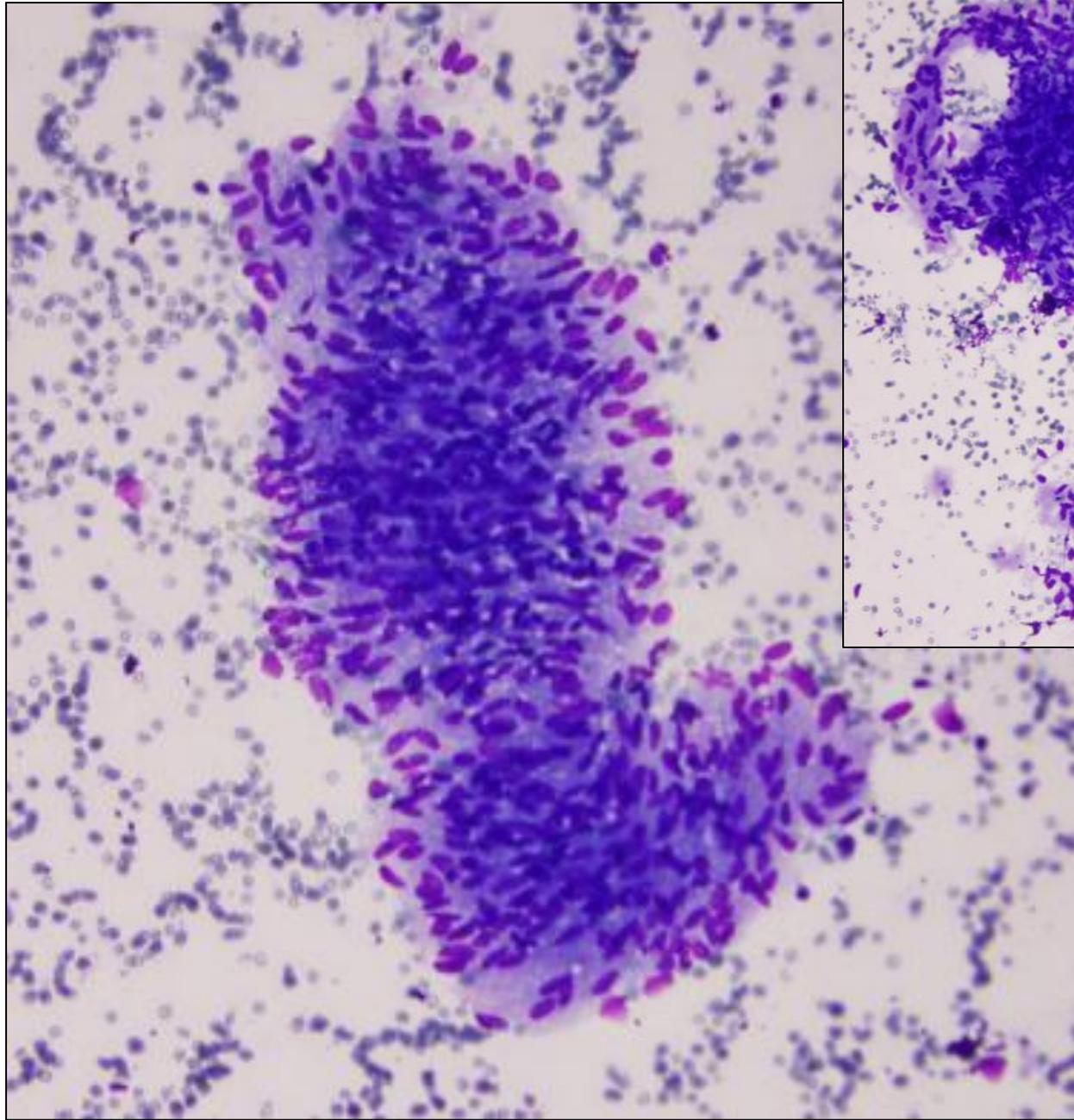
Looser cellular groups



Cohesive groups of
and dispersed
single, spindle cells



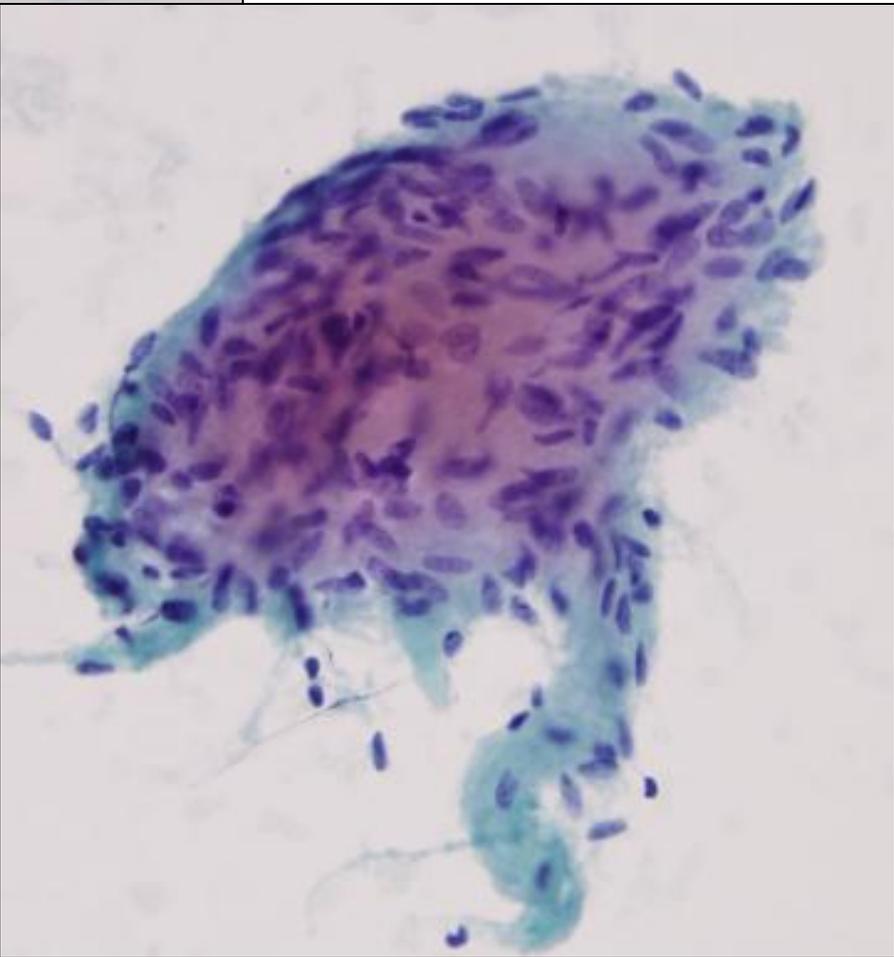
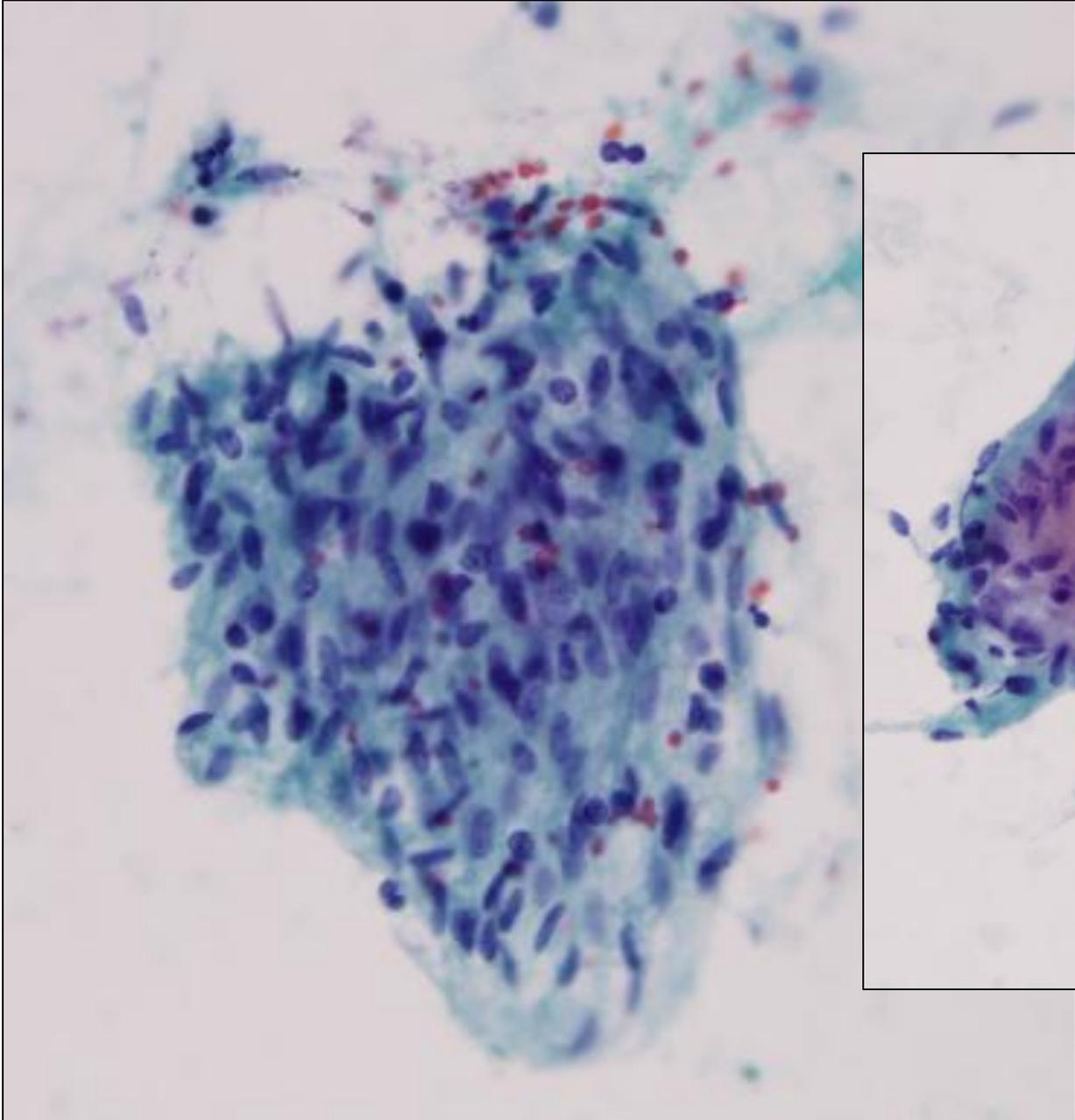
Bland spindle cells:
no significant atypia,
nuclear pleomorphism or
mitotic figures

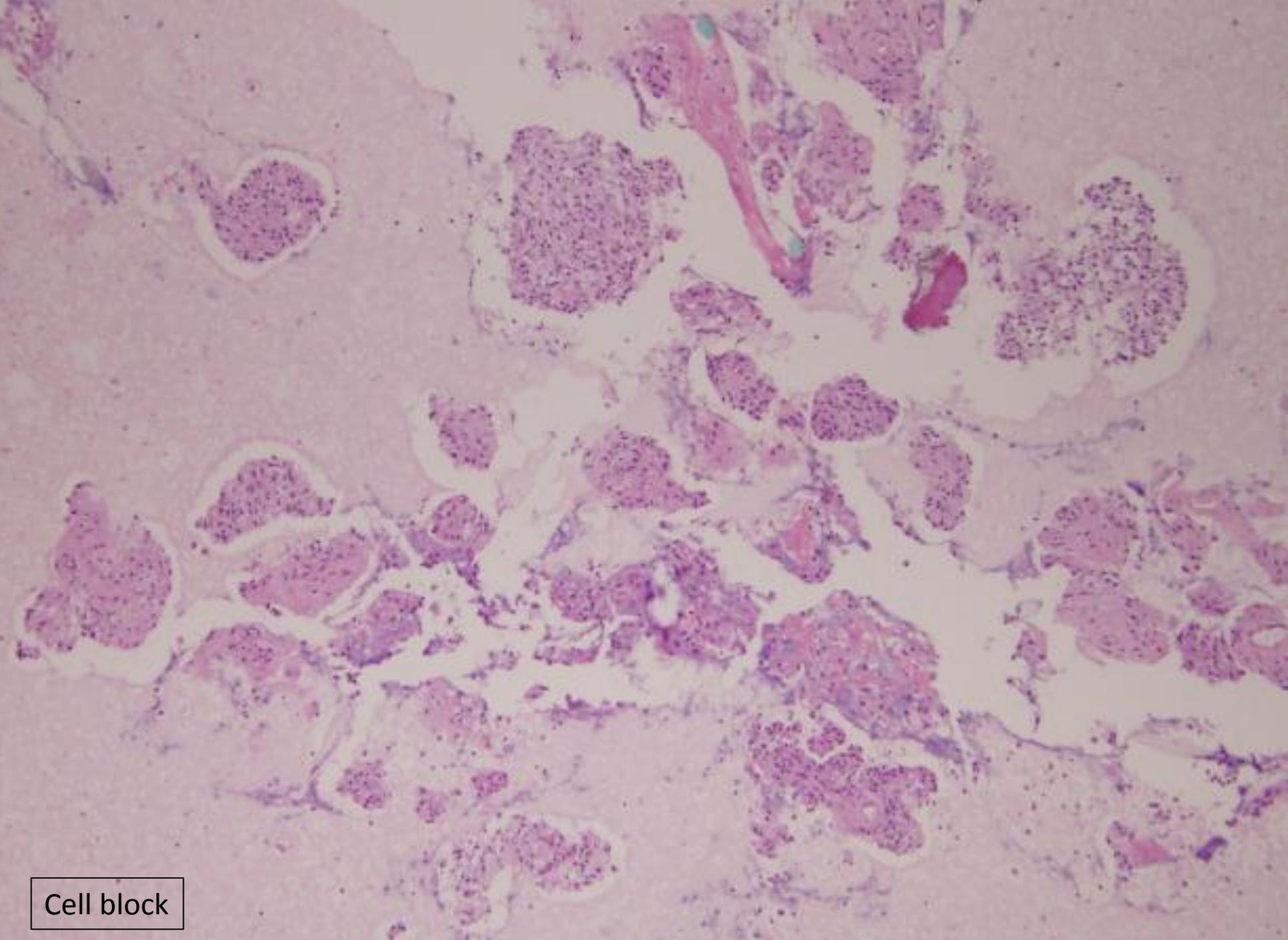


Hint of Verocay bodies

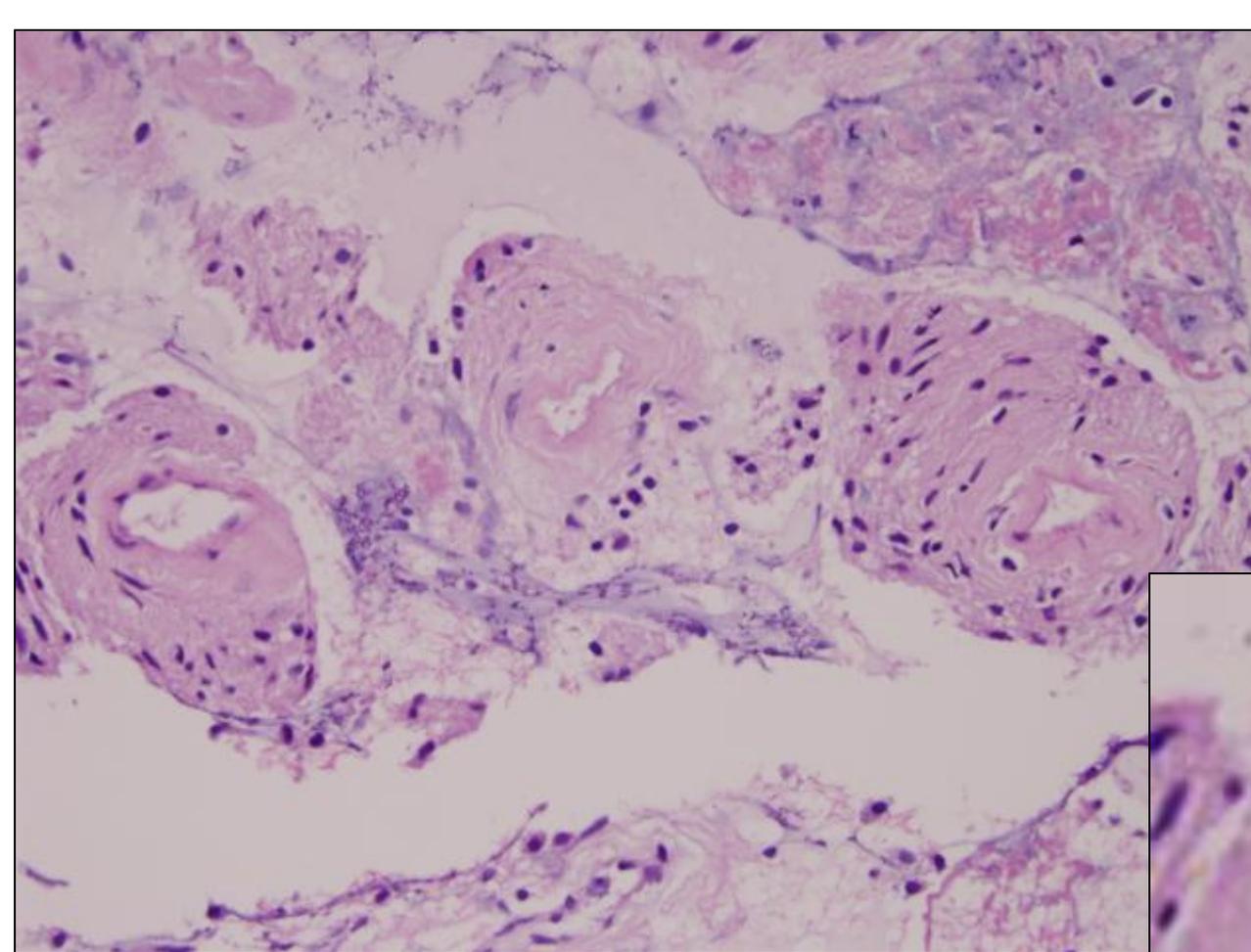
Preliminary Signout

- Neoplastic cells present
Spindle cell neoplasm, favor Schwannoma

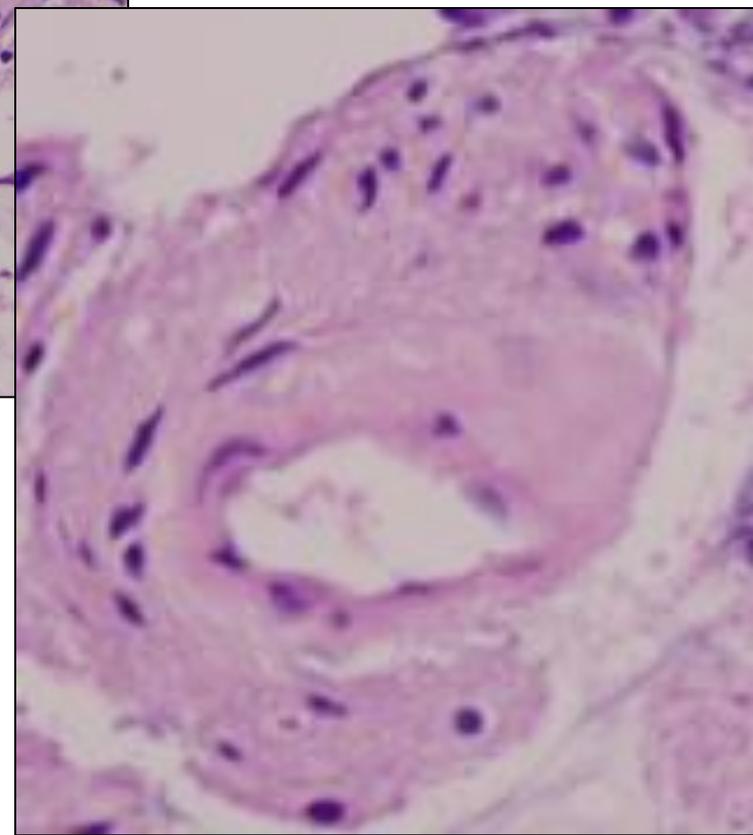


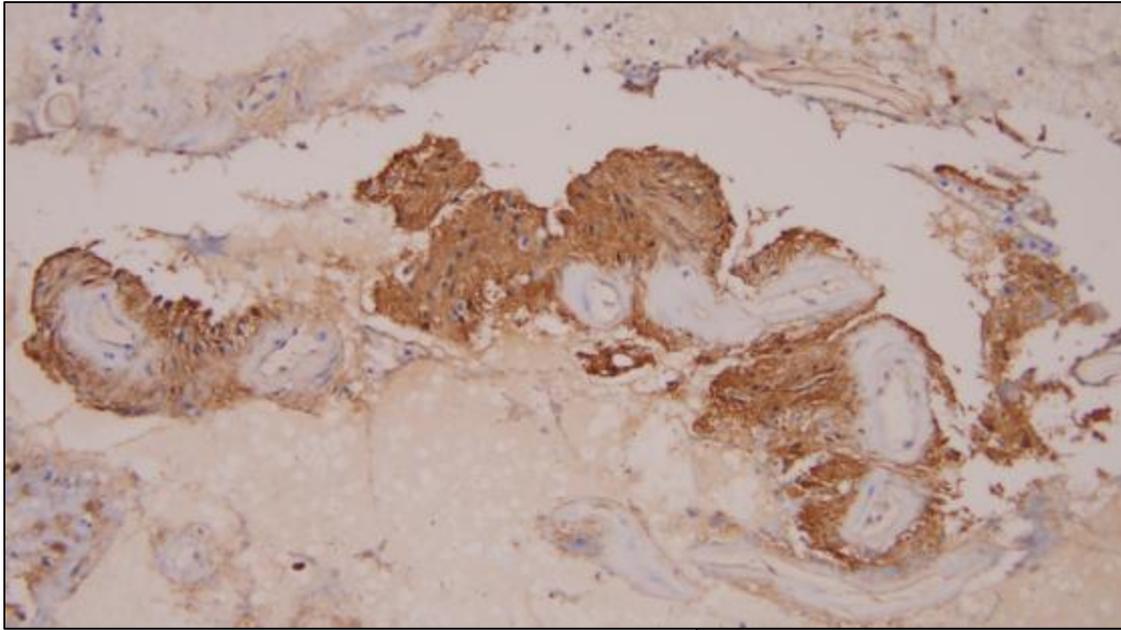


Cell block

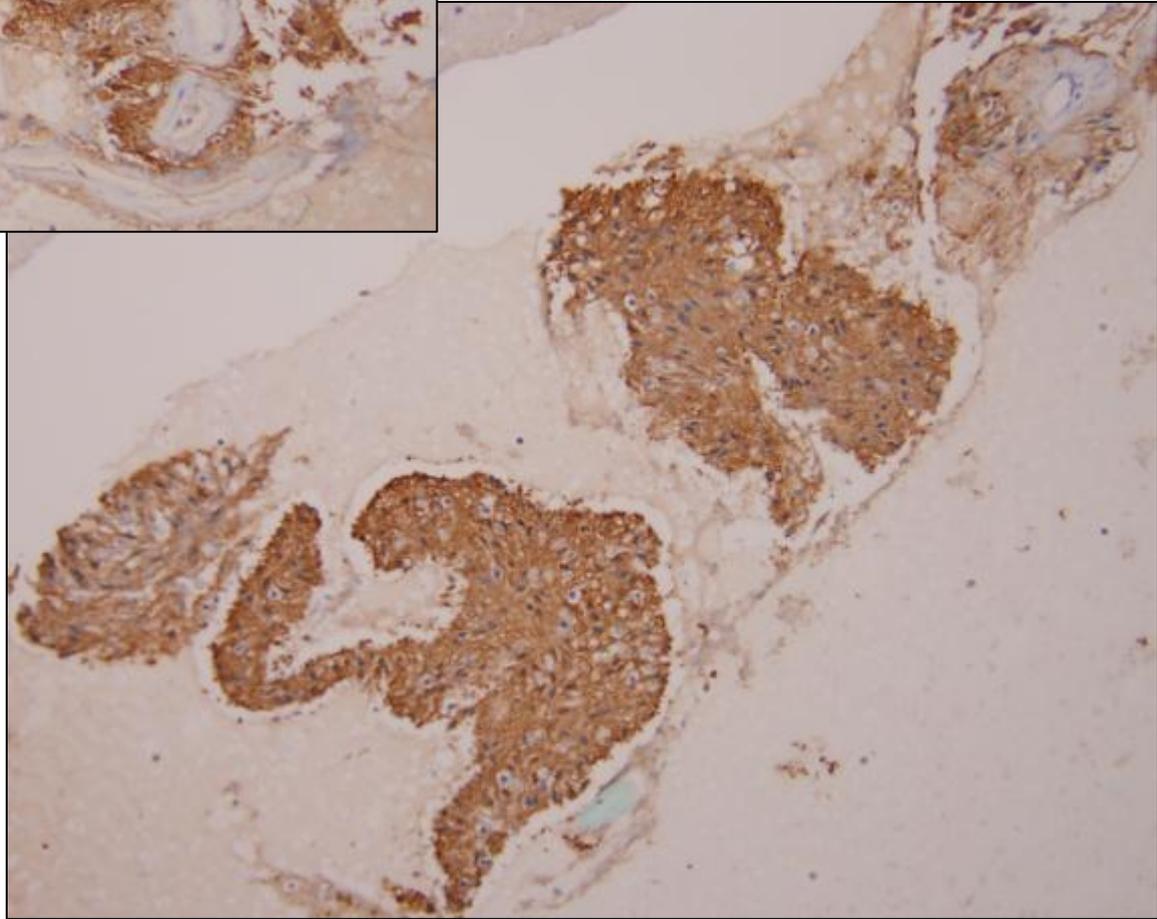


Thick, hyalinized vessels





S-100 IHC



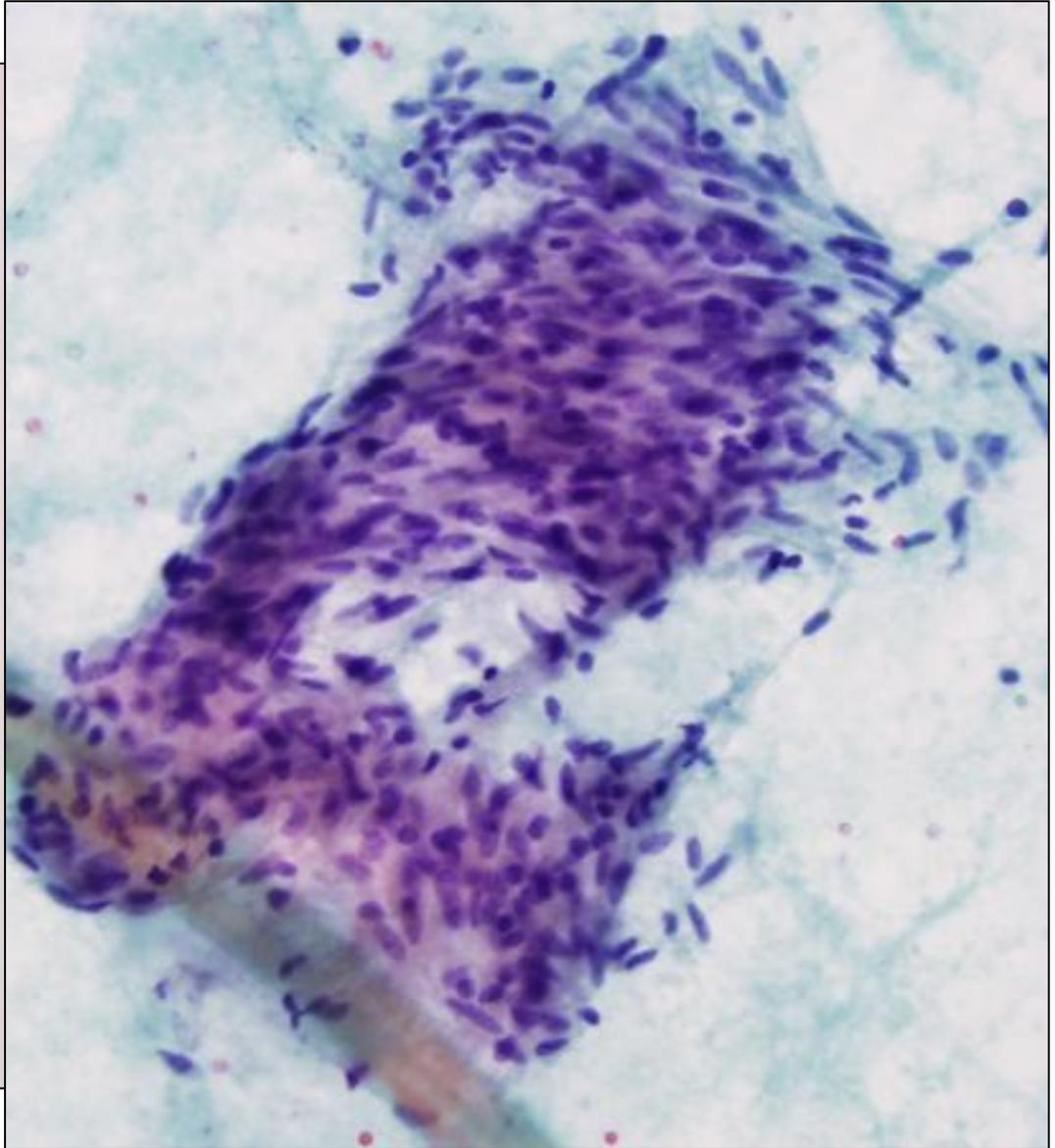
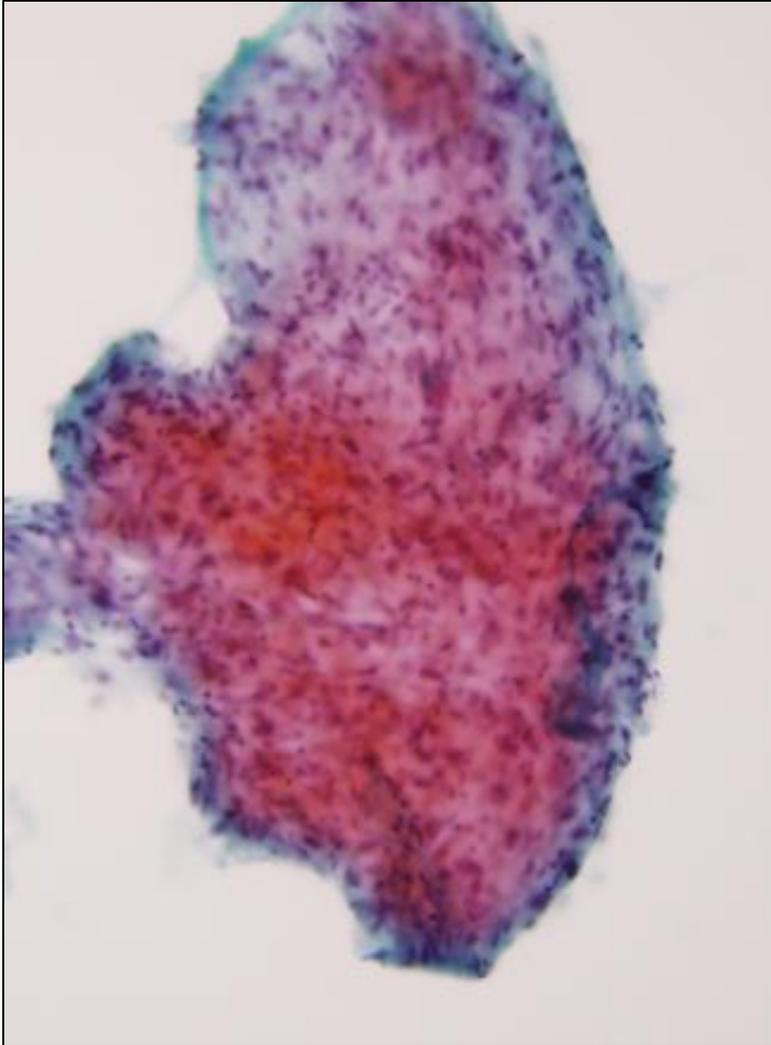
Diagnosis

- Schwannoma

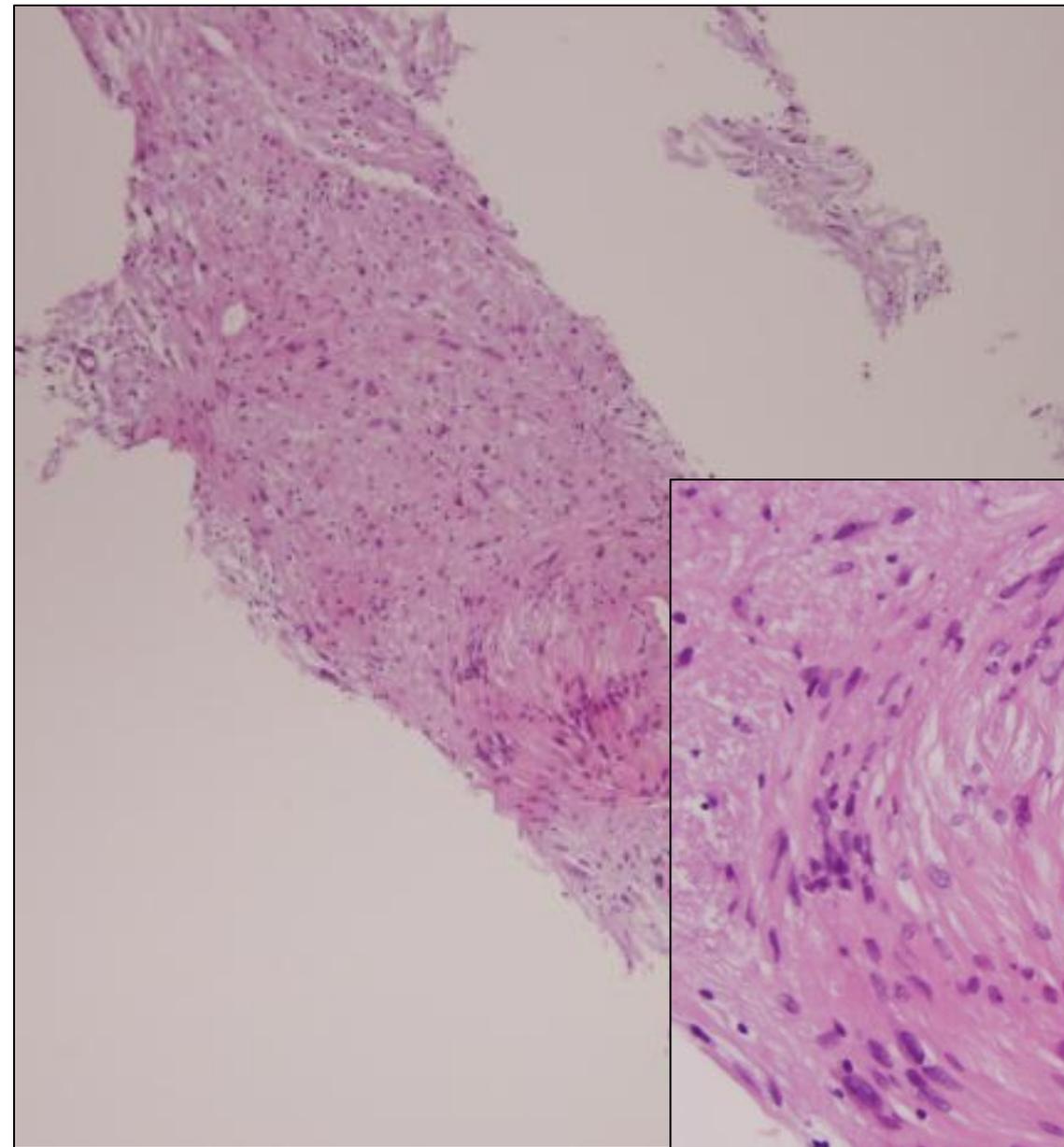
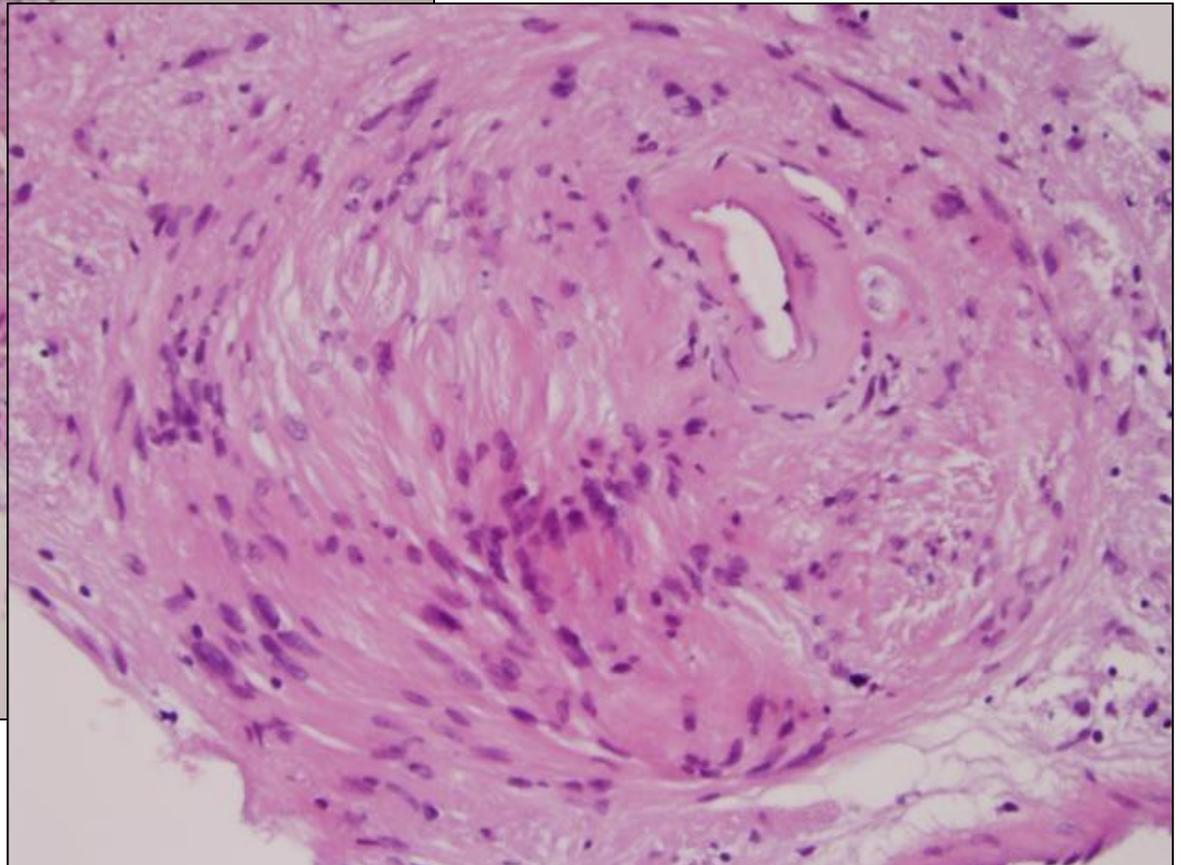
Cytomorphology of Schwannoma

- Large, cohesive fragments
- Variegation in density of nuclei, Verocay bodies
- Wavy, “fishhook” nuclei
- Pointed nuclear ends
- Nuclear palisading
- Filamentous cytoplasm

Another case of Schwannoma from the teaching set



Corresponding tissue biopsy
from prior slide



[Intra Parotid Facial Nerve Schwannoma: A Case Report](#)

S Singhal, S Bansal, A Dass, A Tahlan

Figure 1

Figure 1a: Intraoperative photograph showing the tumor arising from the buccal branch of the left facial nerve.

