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