NO. 080 Warthin tumor (Papillary cystadenoma

lymphomatosum)

- 為 benign 的 tumor · 呈 well encapsulated · 將 tumor island 與 normal gland 分開。
- Tumor island:可看到很多的 cavity·所以是 cystadenoma·在 cyst 的地方;可見到 epithelium 伸入 cavity 內·呈papillary projection·故稱 papillary。
- Cavity 上有兩層的細胞構成的 lining epithelium。Lining epithelium 的細胞質是粉紅色,均勻且顆粒狀。內外兩層細胞型態不同:
 - 細胞靠近 cavity 那一層為 high columnar cell
 - 細胞靠近 stroma 那一層為 low cubodial cell
- Wall 上有很 dense 的 lymphocytes · 有時 候多到可以形成 germinal center。

標記重點:

- 1. Capsule (Fig. 1 red ↑)
- 2. Normal salivary gland (Fig. 1 blue ↑)
- 3. Papillary projection (Fig. 2 yellow ↑)
- 4. Cystic structure
 - Lumen (Fig. 3 yellow ↑)
 - Lining epithelium (Fig. 3 red ↑)
 - Stroma (Fig. 3 blue ↑)
- Lymphoid tissue (with germinal center) (Fig. 3 green †)
- 6. Eosinophilic secretions (Fig. 3 black†)
- 7. Double-cell layer lining epithelium:
 - Outer or basal cells (Fig. 4 green ↑): low cuboidal cell
 - Inner or luminal cells (Fig. 4 blue ↑): high columnar with abundant finely granular acidophilic cytoplasm (like oncocyte)

Fig. 1

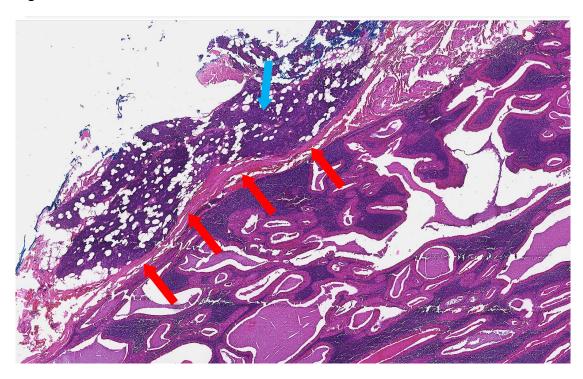
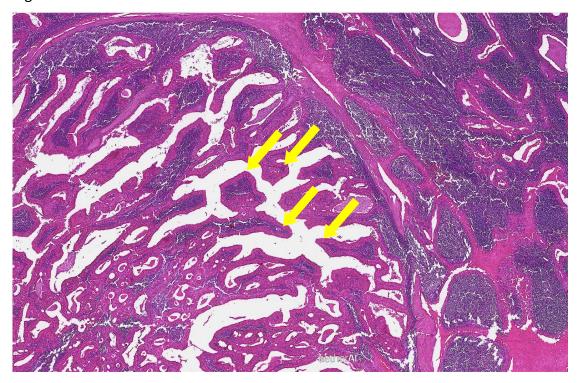


Fig. 2





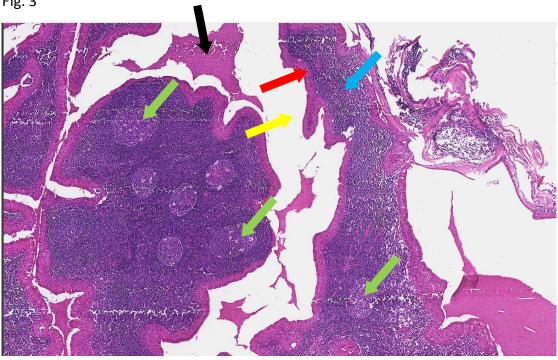


Fig. 4

