

## 口腔病理學實驗 Written Pretest (10) – Suggested answers

1. What is the definition of **dentigerous cyst** and which kinds of lesions may be transformed from the epithelial lining?

**Ans.:** **Dentigerous cyst** is an epithelial lined cavity circumscribed the CE junction of the crown of an unerupted tooth. Lesions such as unicystic ameloblastoma, adenomatoid odontogenic tumor, squamous cell carcinoma, and intraosseous mucoepidermoid carcinoma are reported to be arising from the epithelial lining of a **dentigerous cyst**.

2. What are the histological differences between **epidermoid cyst and dermoid cyst**?

**Ans.:** No skin appendages can be noted in the cystic wall of an **epidermoid cyst** while skin appendages such as hair follicle, sebaceous gland, sweat gland, etc can be observed in the cystic wall of a **dermoid cyst**.

3. What are the histological differences between **branchial cleft cyst and lymphoepithelial cyst**?

**Ans.:** Histologically there are no differences between these two lesions.

4. What are the histological characteristics of **thyroglossal duct cyst**?

**Ans.:** Besides the basic three components (epithelial lining, lumen and wall), the most characteristic histologic finding of thyroglossal duct cyst is the presence thyroid follicles within the cystic wall.

5. What are the histological characteristics of **nasolabial cyst**?

**Ans.:** The histological characteristics of **nasolabial cyst** include ciliated pseudostratified columnar squamous epithelium with variable numbers of goblet cells surrounding a cystic cavity and fibroconnective cystic wall.