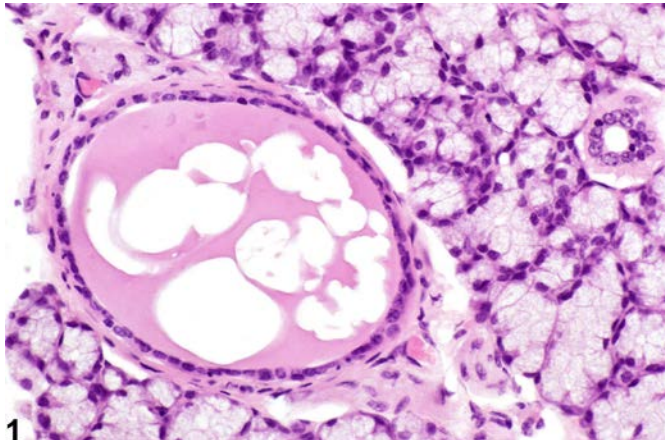


NTP Nonneoplastic Lesion Atlas

Salivary Gland, Duct – Cyst



1

Figure Legend: Figure 1 Salivary gland, Duct - Cyst in a female B6C3F1 mouse from a chronic study. The cyst is roughly circular, and the epithelium is somewhat flattened.

Comment: Salivary gland duct cysts tend to involve one or a few ducts and usually have a circular profile (Figure 1), whereas ductular dilation of salivary glands is typically more generalized (involving multiple ducts), and the ducts tend to have an irregular profile (see Salivary gland, Duct - Dilation). Cysts may be caused by obstruction of a duct by calculi, trauma, or foreign body. Ductular dilation and ductular cysts are not common in NTP rodent studies.

Recommendation: Duct cysts should be diagnosed but are generally not graded unless there is a treatment-related effect on the size of the cysts. If squamous metaplasia of the ductal epithelium is present, it should be diagnosed and graded separately.

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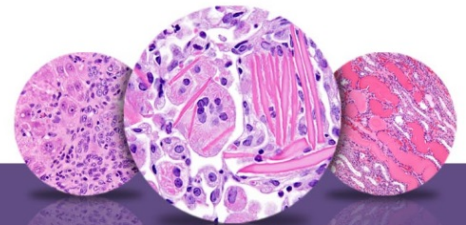
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