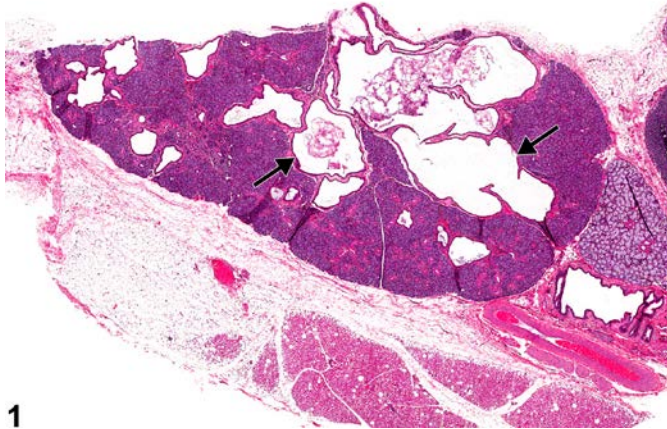


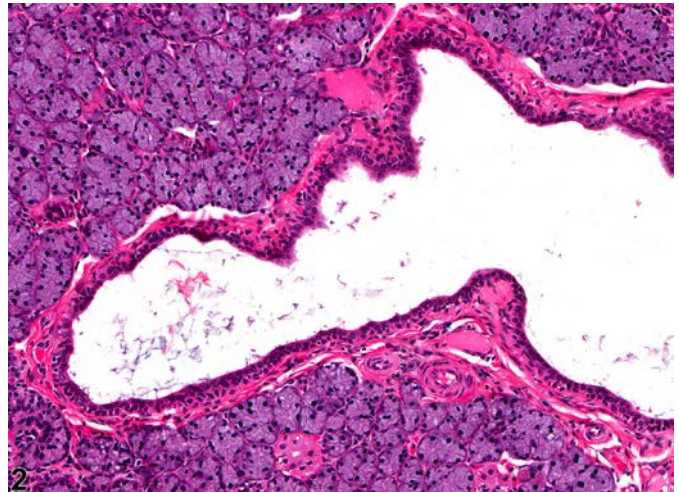


NTP Nonneoplastic Lesion Atlas

Salivary Gland, Duct – Dilation



1



2

Figure Legend: **Figure 1** Salivary gland, Duct - Dilation in a female F344/N rat from a chronic study. Multiple ducts in this gland are dilated (arrows). **Figure 2** Salivary gland, Duct - Dilation in a female F344/N rat from a chronic study (higher magnification of Figure 1). The dilated duct has an irregular profile and contains some debris.

Comment: Ductular dilation of salivary glands is typically more generalized (involving multiple ducts), and the ducts tend to have an irregular profile (Figure 1 and Figure 2), whereas salivary gland duct cysts tend to involve one or a few ducts and usually have a circular profile (see Salivary gland, Duct - Cyst). Ductular dilation is sometimes associated with squamous metaplasia of the duct epithelium. Ductular dilation and ductular cysts are not common in NTP rodent studies.

Recommendation: Whenever present, ductular dilation should be diagnosed and graded based on the number of ducts involved and size of the dilated ducts. If squamous metaplasia of the ductal epithelium is present, it should be diagnosed and graded separately.

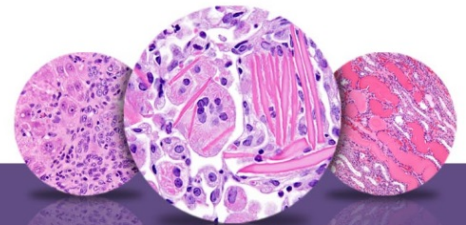
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Salivary Gland, Duct – Dilation

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