NTP Nonneoplastic Lesion Atlas

Zymbal's Gland – Hypertrophy

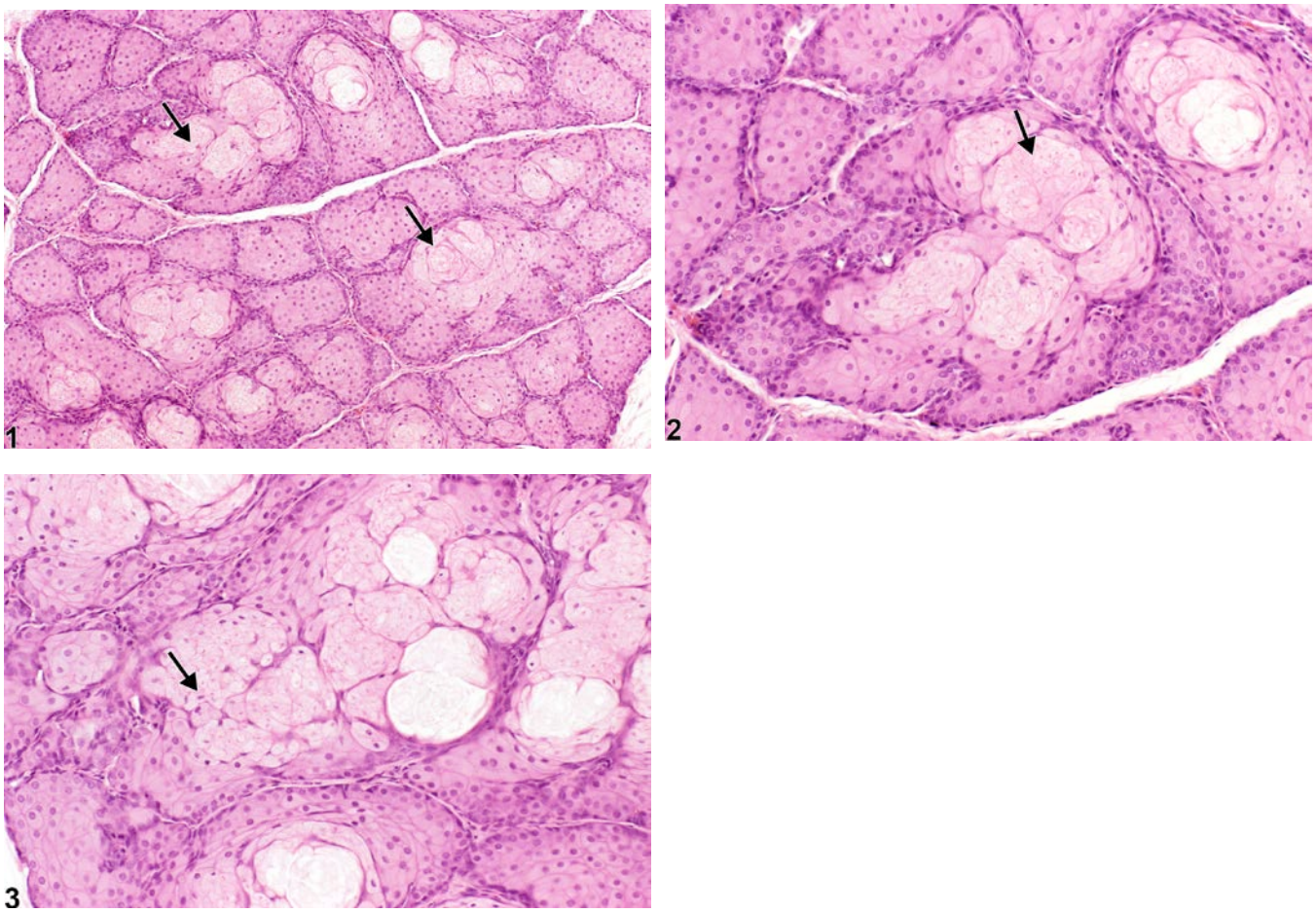
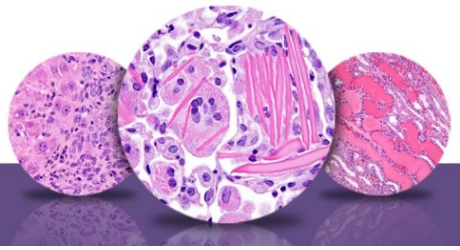


Figure Legend: **Figure 1** Zymbal's gland - Hypertrophy in a male F344/N rat from a chronic study. There are clusters of enlarged epithelial cells (arrows). **Figure 2** Zymbal's gland - Hypertrophy in a male F344/N rat from a chronic study (higher magnification of Figure 1). Epithelial cells are enlarged by increased amounts of pale eosinophilic, foamy or lacy cytoplasm (arrow). **Figure 3** Zymbal's gland - Hypertrophy in a female F344/N rat from a chronic study (higher magnification of Figure 1). Hypertrophic epithelial cells (arrow) are enlarged by increased amounts of pale eosinophilic, foamy or lacy cytoplasm.

Comment: Zymbal's gland hypertrophy (Figure 1, Figure 2, and Figure 3) is characterized by clusters of enlarged epithelial cells that may or may not be increased in number but that are enlarged by increased amounts of pale eosinophilic, foamy or lacy cytoplasm.



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Recommendation: Zymbal's gland hypertrophy should be diagnosed and assigned a severity grade when present as a treatment-related effect.

References:

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