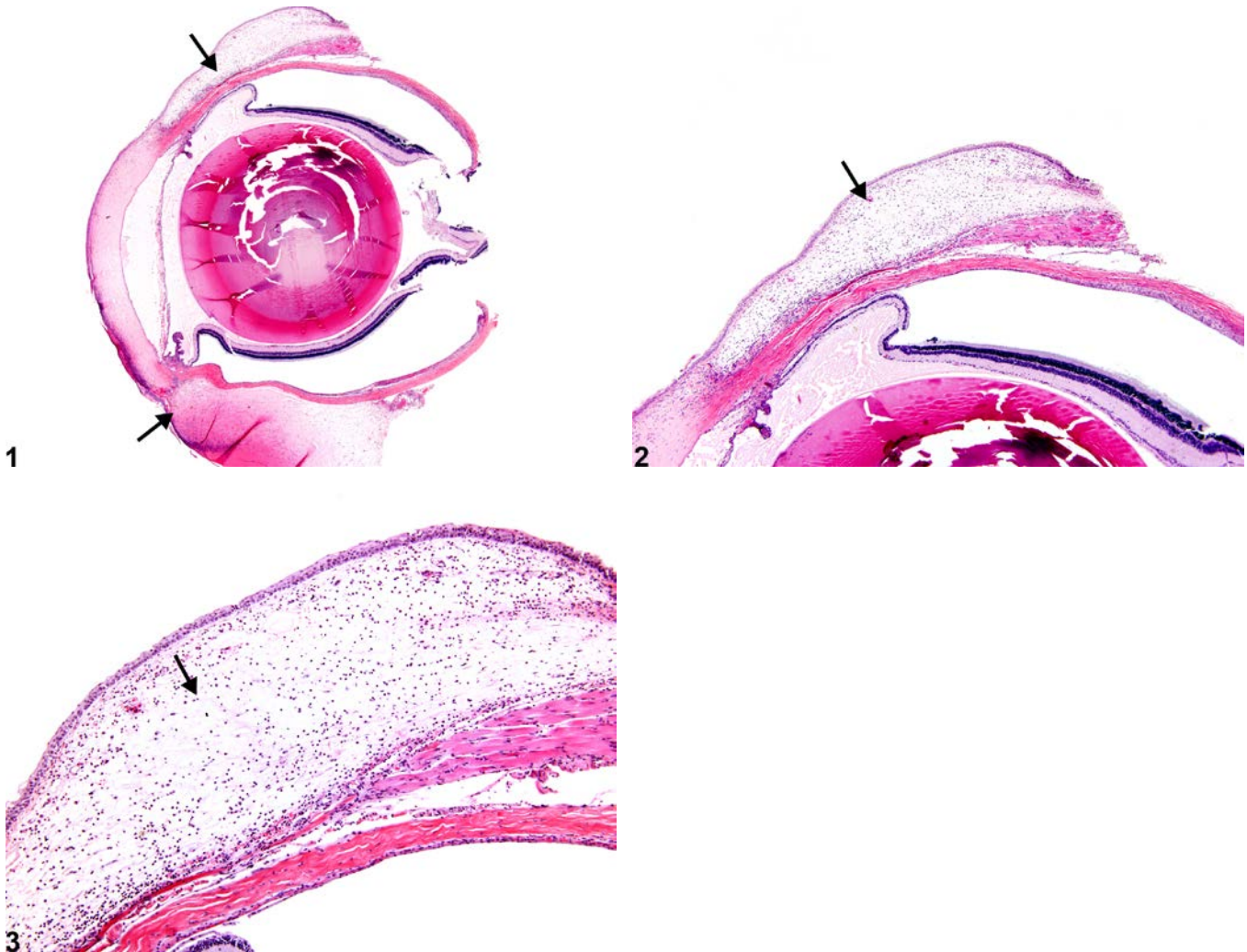


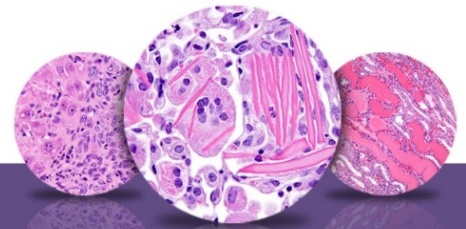


# NTP Nonneoplastic Lesion Atlas

## Eye, Conjunctiva – Edema



**Figure Legend:** **Figure 1** Eye, Conjunctiva - Edema in a female F344/N rat from a chronic study. There is diffuse swelling of the bulbar conjunctiva (arrows) due to accumulation of fluid; inflammatory cells are also present. **Figure 2** Eye, Conjunctiva - Edema in a female F344/N rat from a chronic study (higher magnification of Figure 1). The bulbar conjunctiva is expanded by clear to pale eosinophilic fluid (arrow); inflammatory cells are also present. **Figure 3** Eye, Conjunctiva - Edema in a female F344/N rat from a chronic study (higher magnification of Figure 1). There is edema of the bulbar conjunctiva characterized by accumulation of clear to pale eosinophilic fluid and inflammatory cells.



# NTP Nonneoplastic Lesion Atlas

## *Eye, Conjunctiva – Edema*

**Comment:** Edema of the bulbar conjunctiva (Figure 1, Figure 2, and Figure 3) is characterized by diffuse swelling due to accumulation of clear to pale eosinophilic fluid. Clinically, conjunctival edema is referred to as chemosis. It is a nonspecific finding secondary to such causes as topical irritants, allergens, trauma, and infectious agents. Inflammatory cells may be present in the edematous areas.

**Recommendation:** Conjunctival edema should be diagnosed and assigned a severity grade. If located in the bulbar conjunctiva, edema can be diagnosed under the organ/subtopography “eye, conjunctiva.” If located in the palpebral conjunctiva, it can be diagnosed under the organ/subtopography of “skin, eyelid.” If secondary to another process (e.g., inflammation), conjunctival edema should not be diagnosed separately (unless warranted by severity) but should be described in the narrative.

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