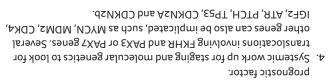
History

- A seven-year-old girl presented with a presumed papillomatous lesion on right inferior fornix (Figure 1).
- Her parents said the lesion was increasing in size for two weeks.
- CT scans (Figure 2) revealed a lesion occupying the right medial
- Given concerning differential diagnoses an urgent biopsy was performed and specimen sent for ophthalmic histopathology assessment.
- Morphological findings are shown in Figures 3 and 4.

Questions

- 1. Figure 1 shows a clinical image taken prior to diagnostic biopsy. What clinical differential diagnoses could be considered?
- 2. How can Figure 3 be described?
- 3. Based on findings in Figures 3 and 4, what is the most likely diagnosis? What prognostic factors are important for this type of tumour?
- 4. Are there any further useful diagnostic tests to be considered?



metastatic disease at the time of resection. Anaplasia is a negative variant, orbital and paratesticular location and absence of prognostic factors are age (between one and nine years), botryoid 3. Rhabdomyosarcoma, possibly embryonal type. Favourable

points to tumour cell multinucleation. to spindle cells. Arrows in C show mitotic figures. The arrow in D swall blue cell tumours characterised by primitive small round

2. At low magnification this tumour seems to be one of so-called clinical history. rhabdomyosarcoma should also be excluded given the short patch appearance. Although presentation was not typical, a

lymphoma should be excluded given its arguably salmon a conjunctival papilloma. However, a lymphoid lesion including 1. The slight papillomatous architecture of the lesion resembles



Figure 1

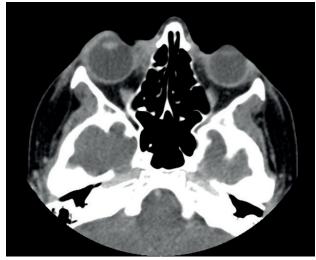
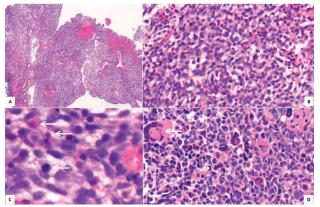
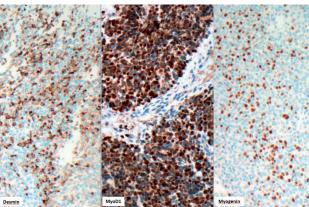


Figure 2









SECTION EDITOR

Dr Luciane Dreher Irion,

Consultant Ophthalmic Histopathologist, National Specialist Ophthalmic Pathology Service, Manchester University NHS Foundation Trust, Manchester, UK.

E: luciane.lrion@mft.nhs.uk