

History

- A 57-year-old lady presents with a right subconjunctival lesion which has been increasing in size for three months (Figure 1).
- She has never had vision problems other than presbyopia.
- Past medical history: hypertension and asthma.
- On examination, she had a subconjunctival salmon patch 9-11 o'clock. Left eye was unremarkable.
- Given concerning differential diagnoses, a conjunctival biopsy was performed and sent for ophthalmic histopathological assessment.

Questions

- Figure 2 contains representative histological sections of the biopsy taken. What does it show?
- Considering clinical information and features on Figures 1 and 2 what is the differential diagnosis?
- Figure 3 shows H&E stained section and immunohistochemistry with epithelial marker AE1/AE3. Both sections include conjunctival surface. How can this figure be described?
- Figure 4 shows a number of positive and negative markers. How these can be interpreted?
- Considering features in Figures 2-4 what is the likely diagnosis?
- Are there any further diagnostic / staging steps?

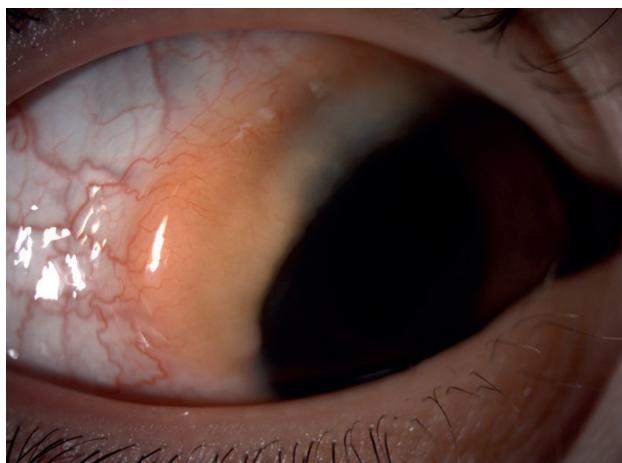


Figure 1

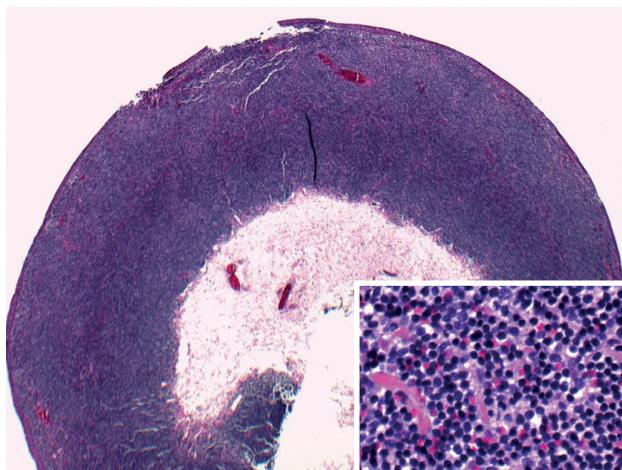


Figure 2

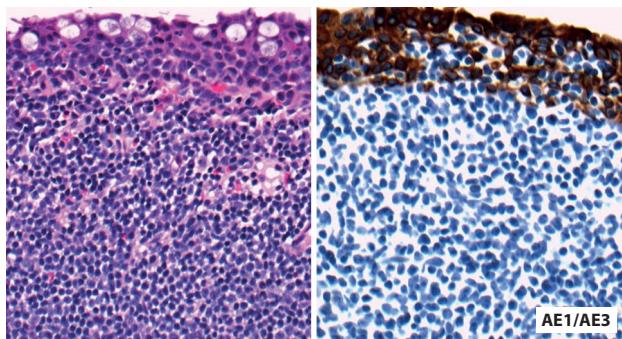


Figure 3

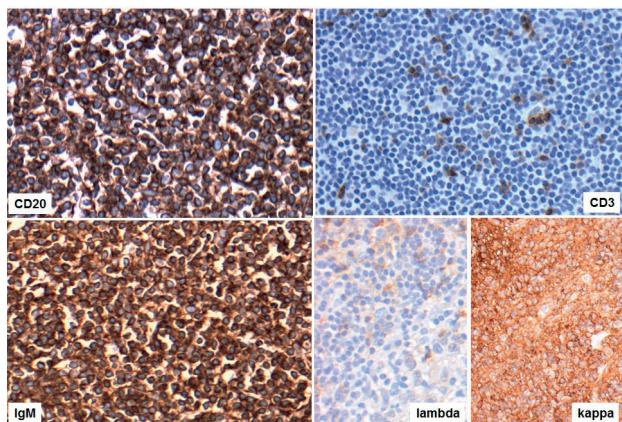


Figure 4

ANSWERS

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