

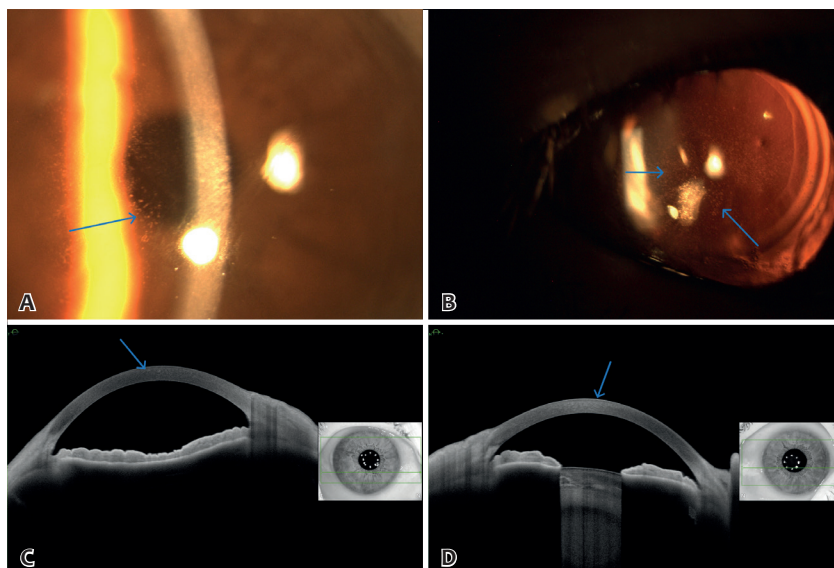


EYE IMAGES

Belantamab mafodotin-associated corneal deposits on swept-source anterior segment optical coherence tomography and slit-lamp examination

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A 78-year-old woman with relapsed IgG-kappa multiple myeloma developed bilateral blurred vision and monocular diplopia 21 days after starting the BelaPd regimen. Slit-lamp examination revealed bilateral subepithelial corneal deposits on direct illumination (Figure 1A, left eye) and retroillumination (Figure 1B, right eye), graded 2–3 according to the KVA scale⁽¹⁾. Anterior segment optical coherence tomography showed microcyst-like epithelial changes, predominantly in the peripheral and paracentral cornea (Figure 1C, right eye, and Figure 1D, left eye)^(2,3). The Bowman layer was preserved. The keratopathy resolved 2 months after belamaf was withheld.

REFERENCES

1. Lonial S, Lee HC, Badros A, Trudel S, Nooka AK, Chari A, et al. Belantamab mafodotin for relapsed or refractory multiple myeloma (DREAMM-2): a two-arm, randomised, open-label, phase 2 study. *Lancet Oncol.* 2020;21(2):207–21.
2. Mencucci R, Cennamo M, Alonzo L, Senni C, Vagge A, Ferro Desideri L, et al. Corneal findings associated to belantamab-mafodotin (belamaf) use in a series of patients examined longitudinally by means of advanced corneal imaging. *J Clin Med.* 2022;11(10):2884.
3. Matsumiya W, Karaca I, Ghoraba H, Akhavanrezayat A, Mobasserian A, Hassan M, et al. Structural changes of corneal epithelium in belantamab-associated superficial keratopathy using anterior segment optical coherence tomography. *Am J Ophthalmol Case Rep.* 2021;23:101133.

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