

## A case of medication resistant acanthamoeba keratitis treated with CXL in Turkey

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**Purpose:** To report a patient with medication resistant Acanthamoeba Keratitis (AK) treated successfully with corneal crosslinking (CXL) procedure.

**Methods:** A 26 years old male patient with medication resistant AK treated with UV-A therapy. A standard CXL procedure with administration of an anesthetic, followed by debridement of central corneal epithelium ended with application of riboflavin 0.1% and UV-A irradiation.

**Results:** Dramatically patient experienced improvement in symptoms in 24 hours. After 2 months keratitis was left with a semitransparent paracentral scar that did not affect visual acuity.

**Conclusions:** Our experience and current literature suggest that CXL could be a promising new option for selected cases of medication-resistant AK with corneal melting to avoid emergency keratoplasty and for the rapid relief of patients subjective symptoms.

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