

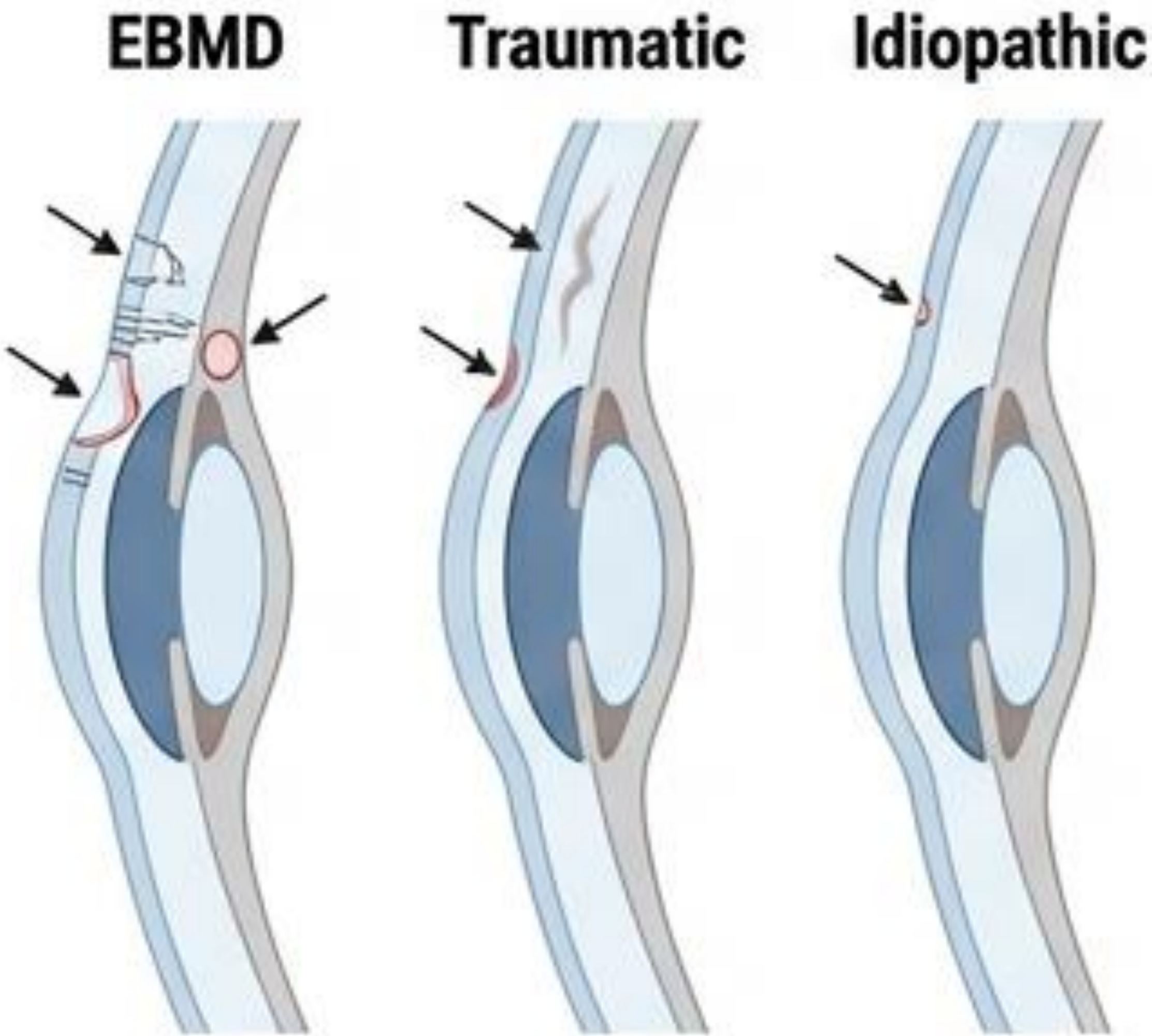
Standardized Phototherapeutic Keratectomy (PTK) for Recurrent Corneal Erosion: Clinical Outcomes in EBMD, Traumatic, and Idiopathic Aetiologies

Shiwani HA¹, Hayat UK², Al-Hussein M², Gormley J² | ¹Manchester Royal Eye Hospital, ²York Hospital

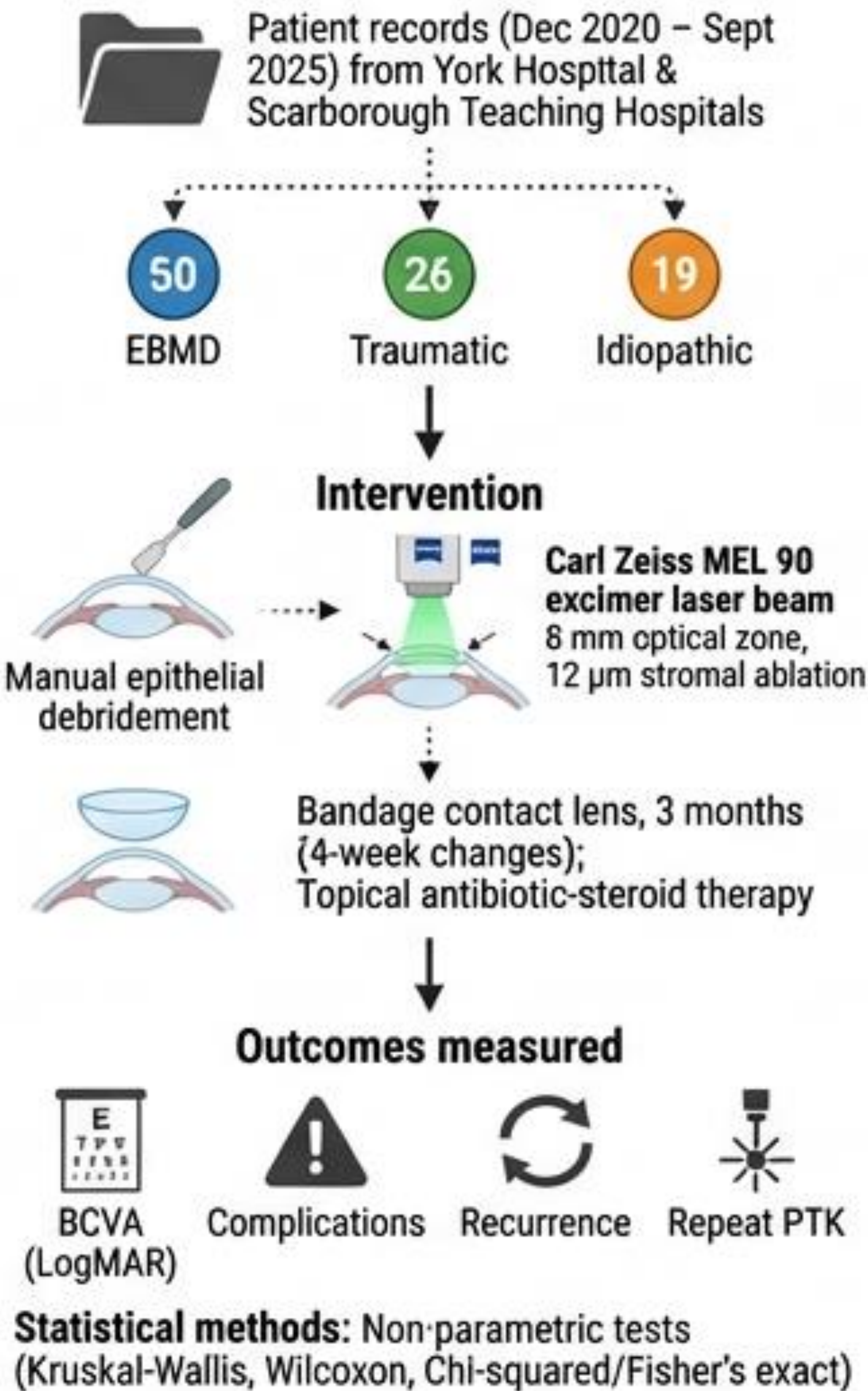
Background & Objective



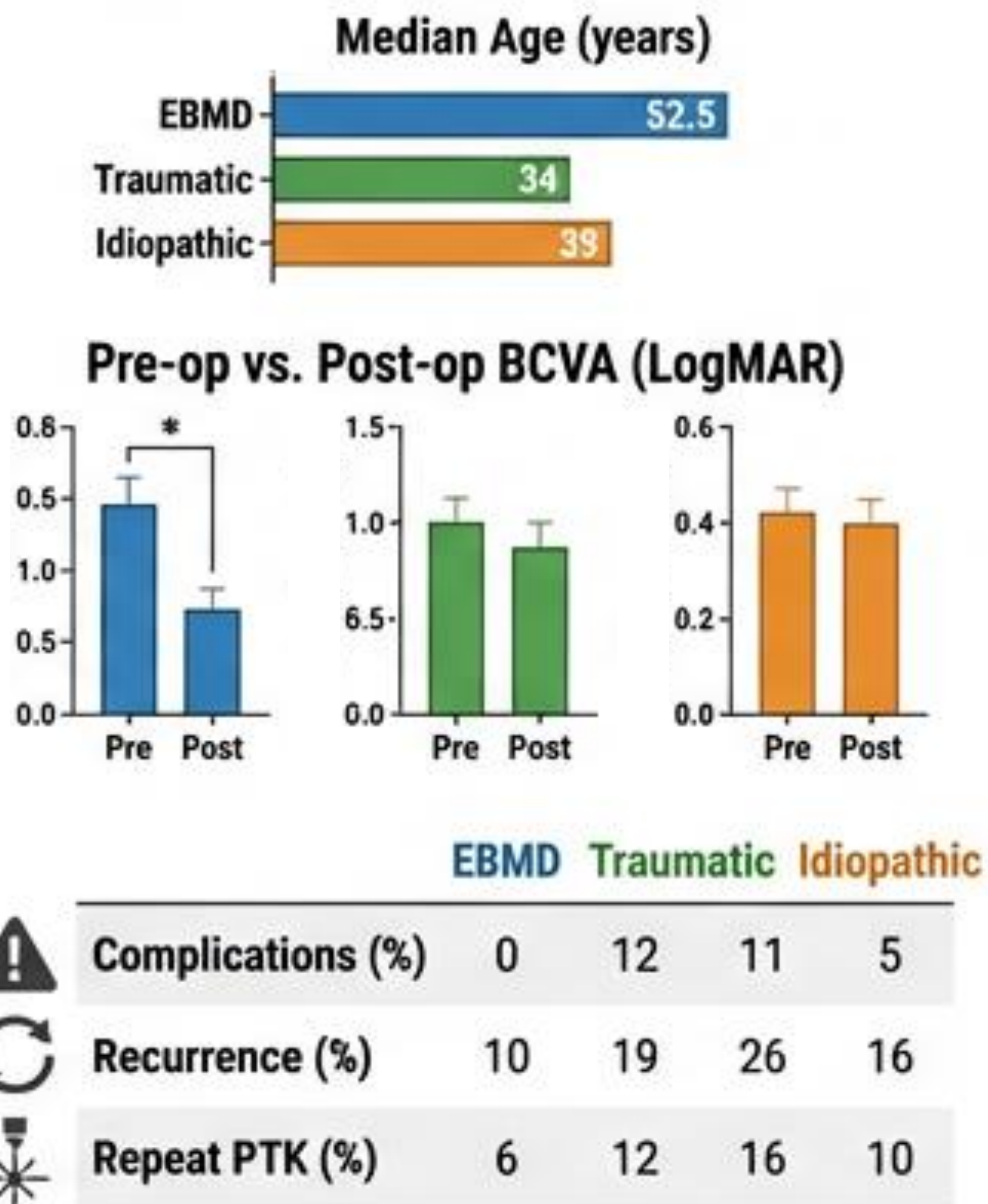
Assess and compare outcomes of standardized PTK protocol in treating recurrent corneal erosion (RCE) secondary to EBMD, trauma, or idiopathic causes.



Methods



Results



Significant BCVA improvement overall ($p < 0.001$); subgroup significance only for EBMD.

No significant difference in post-op BCVA ($p = 0.64$).

Complication, recurrence, and repeat PTK rates are comparable across groups.

Conclusions

- ✓ Standardized PTK effective for RCE from EBMD, traumatic, or idiopathic causes.
- ✓ Significant visual improvement primarily in EBMD.
- ✓ Low and comparable rates of complications and repeat PTK across all groups.
- ✓ EBMD may have marginally better outcomes.

