

The use of fibrin glue to seal Descemet membrane microperforations occurring during deep anterior lamellar keratoplasty.

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Abstract:

PURPOSE: To report the use of fibrin glue to seal microperforations in Descemet membrane (DM) during deep anterior lamellar keratoplasty (DALK).

METHODS: Two patients with keratoconus underwent DALK complicated by DM microperforation. Fibrin glue was successfully used to seal the microperforation in both cases.

RESULTS: DM remained attached postoperatively in both cases, with no opacification, increased inflammation, or vascularization of the corneal stroma.

CONCLUSIONS: The use of fibrin glue for managing microperforations in DALK may be a viable option.