

Fibrin glue for prevention of recurrent epithelial ingrowth under a LASIK flap with a central buttonhole defect.

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Abstract:

A 61-year-old woman presented with a paracentral buttonhole flap defect associated with a linear tear, extensive epithelial ingrowth, and macrostriae in the right eye. A laser in situ keratomileusis enhancement had been performed 3 weeks earlier. The epithelial ingrowth was removed after careful lifting of the flap, and tissue adhesive was used postoperatively as a barrier to further ingrowth. Six months postoperatively, the patient's corrected distance visual acuity had improved to 20/20 and the slitlamp examination showed no evidence of recurrent epithelial ingrowth. This case presents a novel approach to the management of a buttonhole defect.

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