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THE RESULTS OF DESCemet MEMBRANE EPIRETINAL GRAFT FOR REFRACTORY FULL-THICKNESS MACULAR HOLE

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To report the visual and anatomical results of Descemet membrane epiretinal graft for refractory full-thickness macular hole.

This observational case series consisted of 5 macular hole cases who had previously undergone standard pars plana vitrectomy and inner limiting membrane peeling due to full-thickness macular hole but failed. Donor corneas were obtained from corneas with low endothelial cell counts and not suitable for corneal transplantation in our hospital's cornea bank. The Descemet membrane graft was placed to cover the macular hole and 14% perfluoropropane gas tamponad was administered.

A total of 5 patients, 3 female and 2 male, with a follow-up period of at least 6 months were included. The mean age was $63,4 \pm 5,94$. The macular holes of all patients were closed. Best corrected visual acuity was increased from $1,76 \pm 0,21$ logMAR to $1,25 \pm 0,22$ logMAR ($p=0.021$).

Descemet membrane epiretinal graft can be considered as a satisfactory surgical option for refractory full-thickness macular holes.