



Usage of the Remained Tissues after Keratoplasty for Endothelial Keratoplasty

A 52-year-old woman was diagnosed with iridocorneal endothelial syndrome (A) with a diffuse stromal edema, extended peripheral anterior synechiae, and superior iris atrophy. The remaining peripheral tissues derived from 3 donors after standard keratoplasty were trimmed to a piece of graft and used for endothelial keratoplasty. Six days after surgery (B), the trimmed graft was well adhered to the posterior surface of the recipient's cornea with gaps among the pieces. C, Completely resolved corneal clarity (corrected distance visual acuity was 20/50) was observed, and (D) 9 months after surgery, anterior segment-OCT imaging showed that the gaps among the pieces disappeared. (Magnified version of Figure A-D is available online at www.aaojournal.org).

XIAOJUAN DONG, MD, PhD¹

CHEN OUYANG, MD, PhD¹

TING HUANG, MD, PhD¹

¹State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun Yat-sen University, Guangdong Provincial Key Laboratory of Ophthalmology and Visual Science, Guangdong Provincial Clinical Research Center for Ocular Diseases, Guangzhou, China