



Endothelial Graft Orientation Marking Impairing Epiretinal Membrane Surgery Visualization

A 75-year-old woman underwent peeling of a symptomatic epiretinal membrane. Eighteen months prior, Descemet Stripping Automated Endothelial Keratoplasty (DSAEK) was performed. A purple letter “S” was noted in the paracentral cornea, used for graft orientation. A double-S was visible (arrowheads) through the stereoscopic viewing system, Ngenuity (Alcon Inc) and a planoconcave contact lens during the membrane peel, impairing the view. This duplicated opacity was caused by the independent channels of the viewing system (A-C). The case was completed without complication, but illustrates the potentially avoidable impairment iatrogenic corneal opacities can provide for vitreoretinal surgeries. (Magnified version of Figure A-C is available online at www.aaojournal.org).

WILLIAM J. JOHNSON, MD, FACS¹

JARED S. NIELSEN, MD, MBA¹

¹Wolfe Eye Clinic, Des Moines, Iowa