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## DSAEK VERSUS DMEK: IS THINNER BETTER?

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### SUMMARY

Endothelial keratoplasty or posterior lamellar keratoplasty is an emerging successful alternative to penetrating keratoplasty in the management of corneal endothelial disorders where specific targeted tissue removal is performed on the eye. The tissue removed comprises of the endothelial layer and Descemet membrane with or without the posterior corneal stroma. This lecture will discuss the methods of endothelial keratoplasty and its evolution to justify the shift to a thinner corneal tissue transplant which confers more rapid visual recovery with greater safety as compared to penetrating keratoplasty. The surgical techniques of both these methods will be delineated and the outcome and complications will be discussed. The appropriate patient selection is imperative to ensure the success of both the surgeries and the feasibility for a combined procedure with cataract surgery will be contemplated.