

Combined DSEK/ AC IOL exchange

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Combined DSEK/IOL exchange

Corneal decompensation after phaco usually associated with:-

- Aphakia
- AC IOL (properly positioned or malpositioned)
- Malpositioned PC IOL

MUST PREPARE THE EYE FOR ENDOTHELIAL SURGERY BY PLACING A WELL POSITIONED PC IOL IN PREPARATION FOR ENDOTHELIAL REPLACEMENT

Is DSEK possible in presence of AC IOL

- Possible but not desirable
- Escape of air into vitreous cavity very possible, and complicates surgery tremendously
- Contact between DSEK graft and AC IOL may injure endothelium
- Better to replace with PC IOL

What type of PC IOL?

- Scleral suture-fixated
- Scleral fixation in intrascleral tunnels (Scharioth technique)
- Flange techniques:
 - Yamane
 - Assia (double flange technique)
- Iris claw lens in posterior chamber

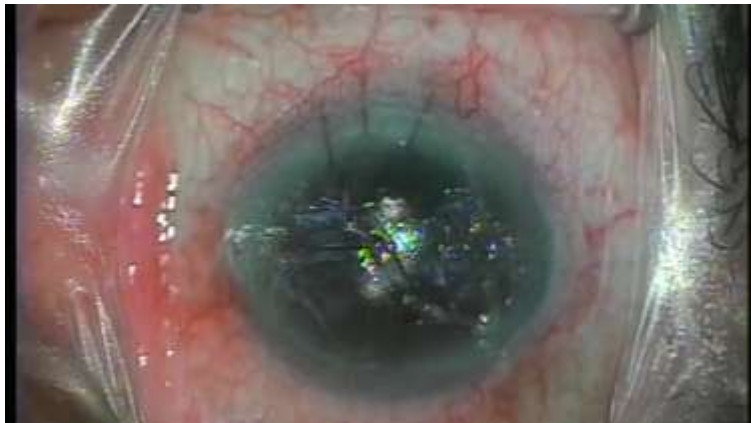
Sequential versus combined surgery

- IOL exchange first?
- DSEK first?
- Or combined?

COMBINED is better:-

- More rapid visual rehabilitation
- Decreases chance of stromal scarring due to delay of endothelial replacement
- Avoids subsequent endothelial injury of transplanted endothelium if IOL implantation is done later

Combined IOL exchange/dsek (conventional)



THANK YOU FOR YOUR KIND
ATTENTION