

DSAEK “the Oppressed Procedure”

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Ultra-thin DSAEK Vs DMEK

Efficacy

Predictability

Safety

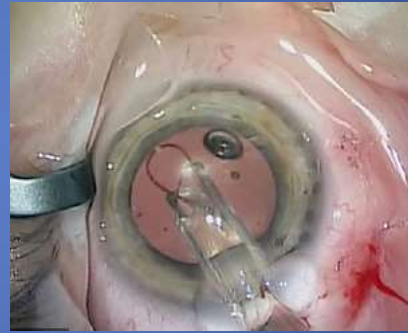
Cost effectiveness



Ultra-thin DSAEK Vs DMEK



DSAEK



DMEK

Ultra-thin DSAEK Vs DMEK



Ultra-thin DSAEK Vs DMEK

I am not here to say

DMEK is not good

DMEK is GREAT

We should stop doing DSAEK

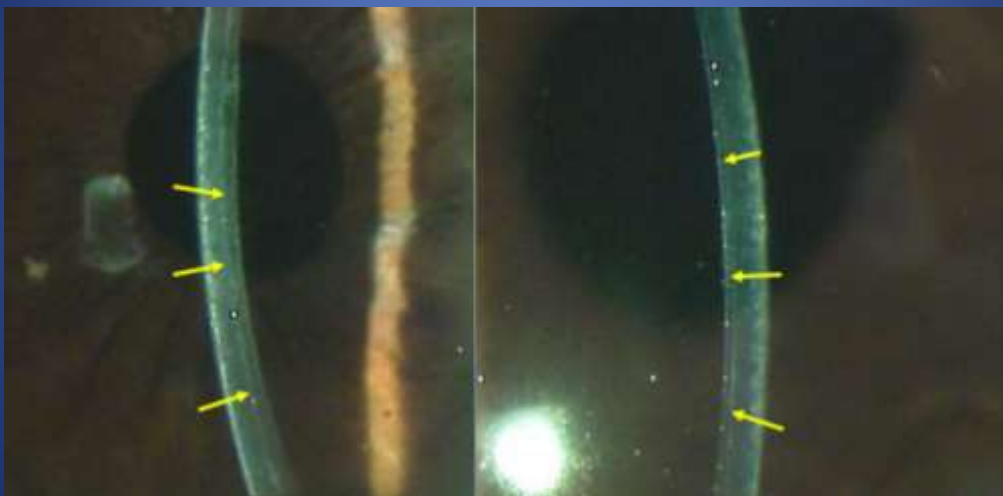
BUT .. !

Ultra- thin DSAEK is also GREAT

And in many scenarios it is . .

GREATEST .. !

DSAEEK/ Ultra-thin



Ultra-thin DSAEK Vs DMEK



Ultra-thin DSAEK Vs DMEK

CDVA Following DMEK

20/20 or better	45 -55 %
20/40 or better	90 – 97 %

Ultra-thin DSAEK Vs DMEK

CDVA with UT DSAEK

- 20/20 or better in 53.0%
- 20/40 or better in 96.6%

Cornea; Sep 2019

Ultra-thin DSAEK Vs DMEK



Endothelial cell loss !?



Both are showing around 50 % at 5 years

Ultra-thin DSAEK Vs DMEK

OK .. OK .. They are the same . . !



Ultra-thin DSAEK Vs DMEK

Wait ...



Ultra-thin DSAEK Vs DMEK

Partial or complete graft detachment

- 16 eyes out of 363 with UT DSAEK
- 88 eyes out of 340 with DMEK

Cornea Dec 2017

Ultra-thin DSAEK Vs DMEK

Special scenarios

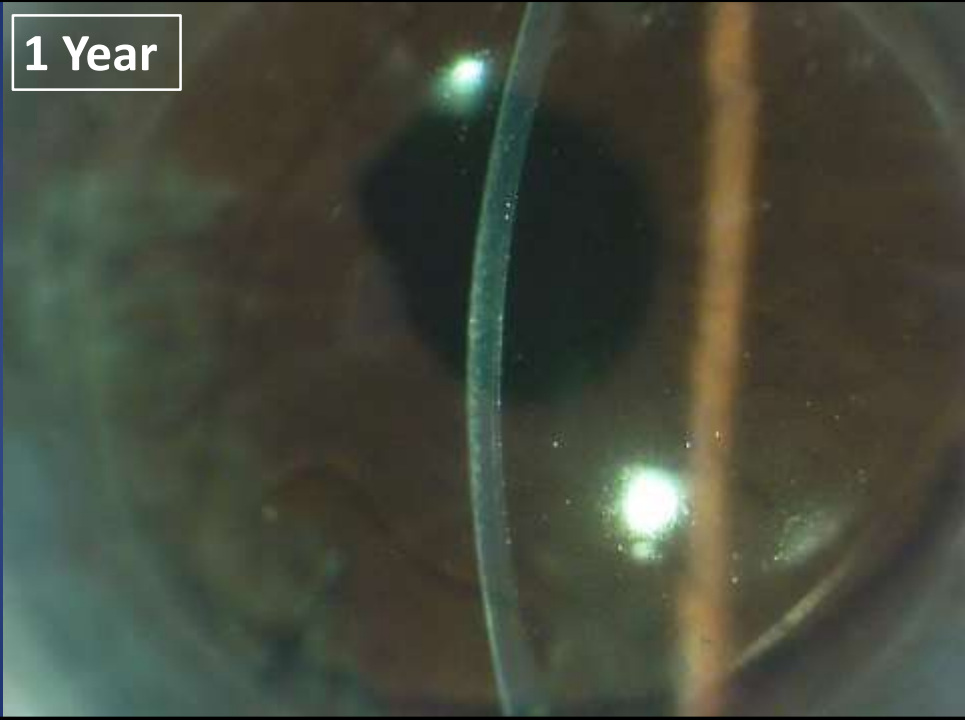
Where UT DSAEK will work and DMEK will not

DSAEK over Artisan

UT DSAEK

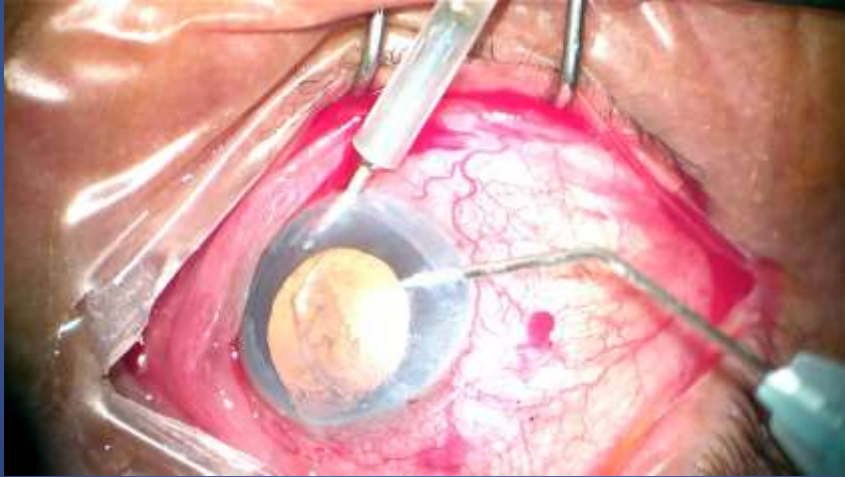


1 Year



DSAEK – lack of iris support

UT DSAEK



When things go wrong
With night mares

UT DSAEK Is good 😊

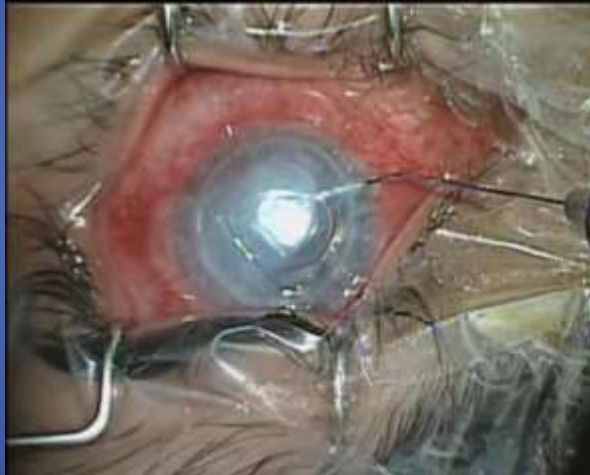
UT DSAEK



With graft dislocation

Is good 😊

UT DSAEK - reposition



Second Middle East DSAEK Course

Take home message

- Co-morbidity that limits the benefit from **“Interface free procedure”**
- More reproducible surgical technique
- With ultrathin DSEAK results are comparable
- Less incidence of dislocation
- More reproducible tissue preparation

Take home message

DMEK is a great surgery with wonderful outcome

But when . . .!?

Thank you