

The Gebauer SLc System for DSAEK - The key advantages

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1. Depth of the cut.

With options of blades that cut to 250, 300, 350, 400, 450, 500, 550 and 600um, there is a blade for virtually all donor corneas.

2. Predictability of the cut

The depth of the cut is extremely consistent allowing for trust of the depth of the cut to target ultra-thin DSAEK,

3. Single Pass Ultra-Thin DSAEK

The ability to cut to a depth of up to 550um allows for ultra-thin DSAEK to be performed with a single pass. This reduces cutting time, reduces endothelial cell loss and allows for more predictable depth of cut than 2 pass systems.

4. The quality of the cut

This is exceptional as it is so smooth. The same can be said for the Moria. Both systems are a much better cut than hand dissection but the single pass technique is so consistent that it reduces stress significantly and reduces potential margin of error.

5. Results

Since switching to the SLc, it is common for patients to see 6/9+ within 4 weeks. SL-OCT analysis shows the graft is averaging around 70um after 1 month.

There have been no perforations to date and once the system is understood, it makes DSAEK much less stressful than performing with hand dissection.

The author has no financial interest in the Gebauer SLc system.