

Guidelines for the use of Epi-K™ metal suction rings



Epi-LASIK retaining the epithelial flap

Ring Selection

- For myopic treatments on normal or small eyes (corneal diameter up to 11.5 mm), select the **-1**, **0** or **+1** suction ring. Use of a higher ring value will decrease diameter of the epithelial resection by 0.1 mm.
- For hyperopic treatments, treatments requiring a large ablation zone (wavefront-guided, large pupils), or large eyes (corneal diameter > 11.5 mm), select the LD (Large Diameter) suction ring.

Stop Selection for either ring

- Select the 7.5 stop for average K < 43.5 D
- Select the **8.0** stop for average K ≥ 43.5 D

Epi-LASIK discarding the epithelial flap

Ring and Stop Selection

- For myopic treatments on normal or small eyes (corneal diameter up to 11.5 mm), select the -1, 0 or +1 suction ring with the 9.0 stop for all cases decentering nasally in order to get a free cap. To decenter correctly, allow 0.5 mm of sclera to show through the ring. Use of a higher ring value will decrease diameter of the epithelial resection by 0.1 mm.
- For hyperopic treatments, treatments requiring a large ablation zone, or large eyes (corneal diameter > 11.5 mm), select the **LD** (Large Diameter) suction ring with the **9.5** stop.

Performance may deviate from the guidelines depending on several patient-related factors (IOP, degree of myopia, age, gender, ethnicity, keratometry, etc.) and surgery-related factors (corneal hydration, suction time, etc.). Guidelines are a general guide only. It is strongly recommended that every surgeon establish his own nomogram. Moria shall not be responsible for any direct, incidental, consequential or exemplary damage suffered by any party, even if that party has not been advised of the possibility of such damage.

To obtain more information

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Guidelines for the use of Epi-K™ Single Use suction rings



Epi-LASIK retaining the epithelial flap

For myopic treatments on normal or small eyes (corneal diameter up to 11.5 mm), select the -1 or 0 suction ring with the following stops:

- > 7.5 stop for average K < 43.5 D
- **> 8.0** stop for average $K \ge 43.5$ D

Use of a "0" ring value will decrease diameter of the epithelial resection by 0.1 mm compared to use of a "-1" ring on same eye.

> For large eyes (corneal diameter > 11.5 mm), select the -1 suction ring with the 7.5 stop.

Epi-LASIK discarding the epithelial flap

Select the -1 or 0 suction ring with the 9.5 stop for all cases decentering nasally in order to get a free cap.

Use of a "0" ring value will decrease diameter of the epithelial resection by 0.1 mm compared to use of a "-1" ring on same eye.

Performance may deviate from the guidelines depending on several patient-related factors (IOP, degree of myopia, age, gender, ethnicity, keratometry, etc.) and surgery-related factors (corneal hydration, suction time, etc.). Guidelines are a general guide only. It is strongly recommended that every surgeon establish his own nomogram. Moria shall not be responsible for any direct, incidental, consequential or exemplary damage suffered by any party, even if that party has not been advised of the possibility of such damage.

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