Study Spotlight: IOLMaster 700 with TK
Outcome prediction in post-myopic LASIK patients – Barrett True K formula with TK

Source

**Title**
Total keratometry in intraocular lens power calculations in eyes with previous laser refractive surgery

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Methodology

**IOL Calculations**

**Formulas compared**
- ASCRS Average with K¹
- Barrett True K NH with K
- Barrett True K with TK
- Haigis L with K
- Haigis with TK
- Holladay 1 Double K with TK¹
- Shammas with K¹

**Sample Size**
40 Post-Myopic LASIK Eyes
No History, Retrospective Analysis

**Evaluation Criteria**
Prediction Accuracy

Results

**Accuracy**

In post–myopic LASIK eyes Barrett True K formula with TK improved the outcome prediction compared to the Barrett True K with Classic Ks within ±0.5 D by >12 % (p = 0.04).

Disclaimer:
¹ Not available with the ZEISS IOLMaster 700