

Study Spotlight: IOLMaster 700 with TK



Seeing beyond

Refractive outcomes in post-myopic LASIK patients –
Barrett True K formula with TK

Source



Title
Total Keratometry in
post-myopic LVC patients



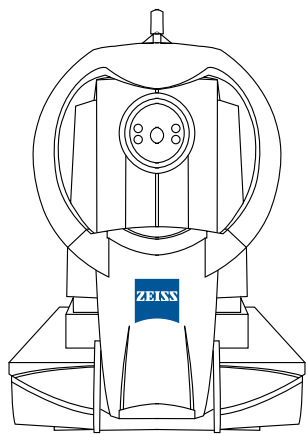
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Publication
Presentation at ASCRS Annual
Meeting 2019, San Diego, USA

Methodology

IOL Calculations



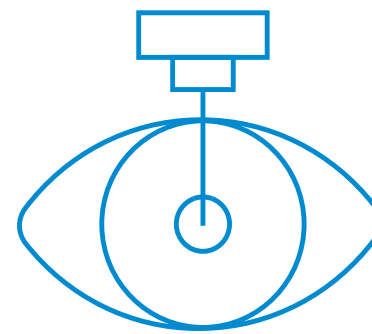
Formulas compared

- Barrett True K formula with TK¹
- Barrett True K
- Haigis L
- Haigis TK
- Shammas²

ZEISS IOLMaster 700

With Total Keratometry (TK)

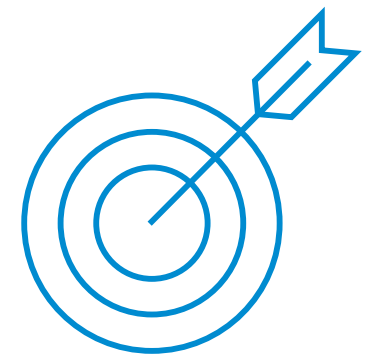
Sample Size



60 Post-Myopic LASIK Eyes

No History, Retrospective Analysis

Evaluation Criteria

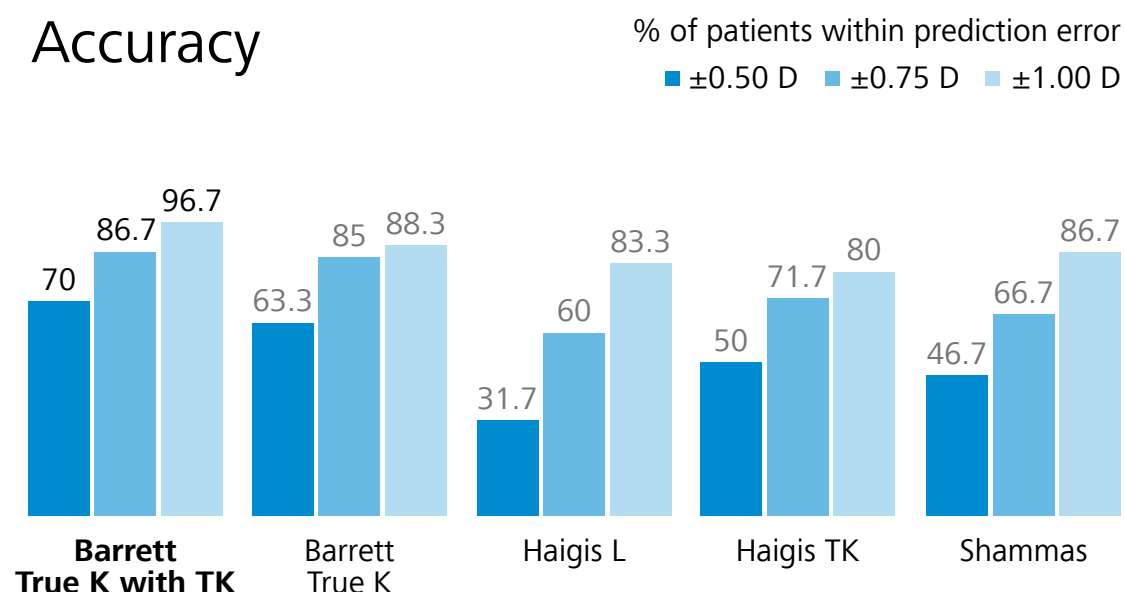


Accuracy

Prediction Errors

Results

Accuracy



Barrett True K formula with TK improved the outcome prediction compared to the Barrett True K with classic K's by 6.7pp (p = 0.02)*. ¹

Disclaimer:

¹ The Barrett True K formula with TK is currently not available with the ZEISS IOLMaster 700 but can be accessed via:
http://calc.apacrs.org/Barrett_True_K_Universal_2105

² Not available with the ZEISS IOLMaster 700

* For prediction error within ±0.5 D