

Time savings with the ZEISS VERACITY Surgery Planner



Seeing beyond

Source



Title

Cataract Surgical Planning Using Online Software vs Traditional Methods: A Time/Motion and Quality of Care Study.



Authors

Tarika Gujral
John Hovanesian

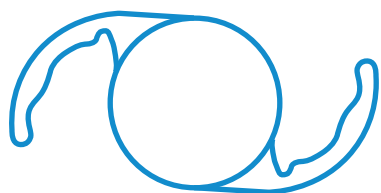


Publication

[Clinical Ophthalmology 2021;15:3197-3203. DOI:10.2147/OPTH.S318935](#)

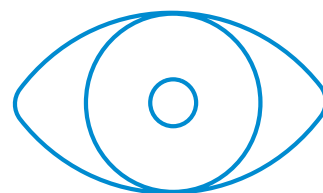
Methodology & Setup

Purpose



Compare preoperative planning methods for the placement of intraocular implants

Sample Size



Single-center, prospective study with **40 cataract patients** of a single surgeon

Added digital ZEISS solutions



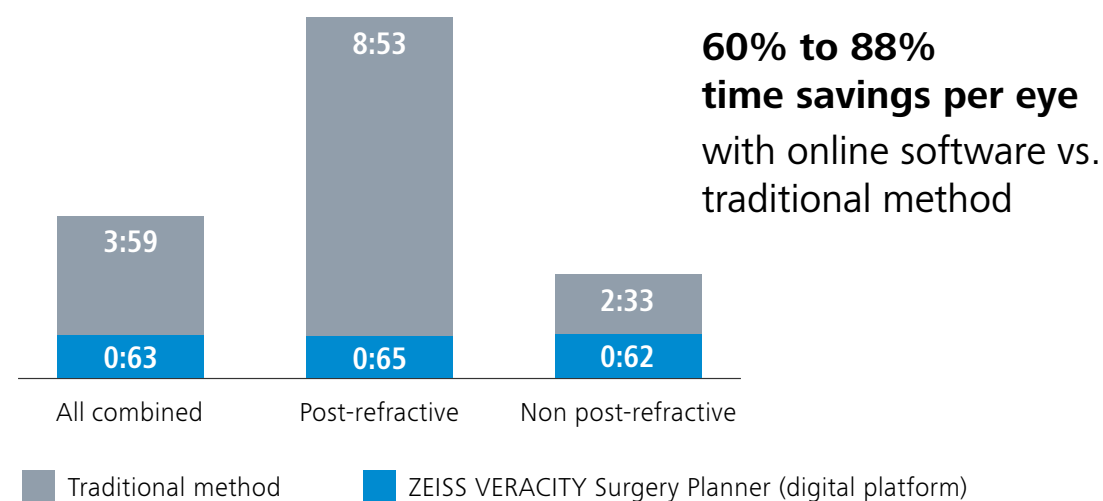
- ZEISS VERACITY Surgery Planner
- ZEISS FORUM

Main evaluation criteria

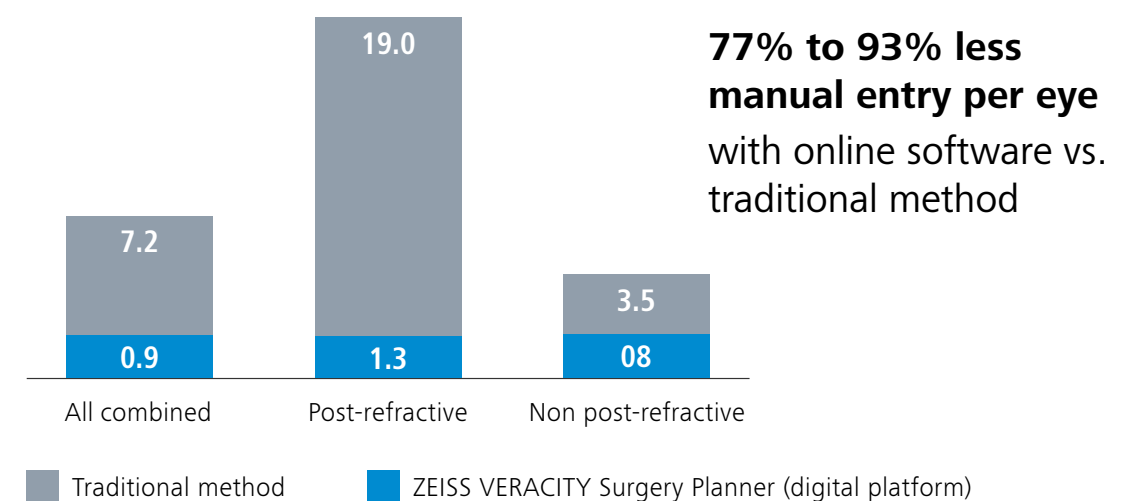
- **Comparison** of mean process times and data entry errors using digital planning software versus traditional paper documentation
- **Time measurements of process steps:** Preoperative assessments (ocular exam and ocular biometry, e.g., axial length, anterior chamber depth, lens thickness, corneal white-to-white measurements, and keratometry) and planning (IOL power calculations)

Results

Surgical planning: Time comparison (min:sec)



Manual transcription: Data points comparison



See publication for further details