

Study Spotlight: IOLMaster 700

A comparison of efficiency: IOLMaster 700 vs. LENSTAR LS 900



Seeing beyond

Source



Title

Comparison of agreement and efficiency of a swept source-optical coherence tomography device and an optical low-coherence reflectometry device for biometry measurements during cataract evaluation.



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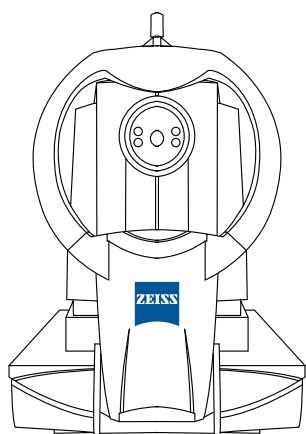


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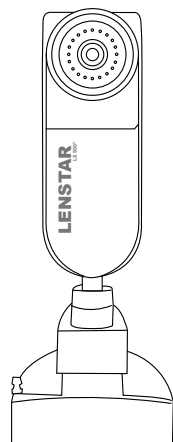
Methodology

Biometers tested



IOLMaster 700

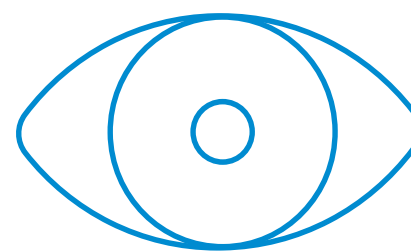
Swept Source-Optical
Coherence Tomography



LENSTAR LS 900

Low Coherence
Optical Reflectometry

Sample size



32 Patients - 64 Eyes

Retrospective Analysis

Evaluation criteria



Efficiency

Mean Acquisition Time

Results

Efficiency

Mean Acquisition Time, Both Eyes (Seconds)

IOLMaster 700 **44.5**

LENSTAR LS 900 **168.2**

**The mean acquisition time was
~73% less for the IOLMaster 700
compared with the LENSTAR LS 900**