

Saving time and resources in high-volume clinics



Seeing beyond

Advantages of the ZEISS Cataract Workflow compared to existing paperless EMR-based workflow

Source



Title

Impact of digital cataract workflow on time and resource efficiencies in cataract surgery: time and motion study



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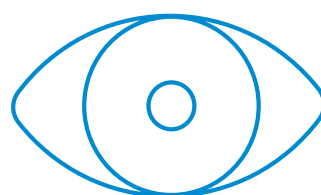
Methodology & Setup

Setting



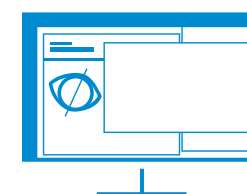
2 high-volume cataract surgery clinics with **existing paperless EMR-based workflow**

Sample size & procedure



Prospective study with **86** cataract workflows* with **monofocal, non-toric** IOL implantation

Added digital ZEISS solutions



- ZEISS FORUM
- ZEISS EQ Workplace
- ZEISS CALLISTO eye

Main evaluation criteria for the digital cataract workflow versus existing paperless EMR-based workflow

- Comparison of **mean process times and variability**
- Comparison of **number of data fields entered** and **number of support staff required**

Results

Mean time saving per workflow vs. paperless EMR-based setting

6:24 (min:sec)

Reduction in variability of workflow time

3x

Mean reduction of data fields entered

47%

Mean reduction in the number of support staff

29%



The ZEISS Cataract Workflow shows **significant efficiency improvements** compared to the **existing paperless EMR-based workflow**.

For **paper-based workflows**, the integration of ZEISS' digital products has the potential to achieve even **greater levels of efficiency**.

*Workflow includes pre-op measurements and surgical planning (data review, calculation of IOL power, transfer of data to intraoperative devices) for both eyes, and surgical procedures (import and verification of data in OR and surgery) for one eye per patient only.

For further details see publication