CALLISTO eye from ZEISS
Computer assisted cataract surgery
ZEISS CALLISTO eye
Precise premium IOL surgery made easy

Computer assisted cataract surgery with ZEISS CALLISTO eye makes precise, premium IOL surgery fast and easy! It helps you meet patient expectations today and tomorrow with assistance functions projected directly in your surgical field.

Document and display your results in HD photo and video and manage them in a central place with ZEISS FORUM Eye Care Data Management. ZEISS CALLISTO eye integrates seamlessly with your OR environment for a streamlined cataract workflow. Over 250,000 eye surgeries have already benefited from ZEISS CALLISTO eye.

ASSISTANCE FUNCTIONS
For surgical precision
- Precise & markerless alignment of toric IOLs: Z ALIGN® (toric assistant)
- Support to ensure treatment of correct eye and patient
- Center the IOL along the visual axis of the patient
- Perform a precisely shaped and sized capsulorhexis
- Create incisions where and of the size you had intended

PERFECT INTEGRATION
For a streamlined workflow
- View the assisting information in the eyepiece
- Control ZEISS CALLISTO eye from the ZEISS OPMI LUMERA family® foot control panel or handgrips
- IOLMaster® 500 report with all relevant biometry data is available for review in the OR
- Ergonomic and comfortable for the surgeon and the OR staff

CONVENIENT DOCUMENTATION
For high quality videos and photos
- HD video recording and photos that include the assistance functions meet even the most demanding requirements in quality management, teaching and for presentations
- Import patient lists via a network connection and DICOM modality worklist or USB stick
- Export videos and photos via a DICOM network connection or USB stick
- OR team can easily follow surgery progress with the full screen video

1. Data on file
2. Clinical data of Prof. Findl / Dr. Hirnschall presented at ESCRS 2013 – technically verified pre-/ intraoperative matching precision ± 1.0° in mean
5. S88 / OPMI Lumera T, OPMI Lumera i, S7 / OPMI lumera
**Assistance Functions**
For surgical precision**

ZEISS CALLISTO eye facilitates your premium IOL surgeries. The assistance functions are injected directly into the eyepiece of your ZEISS OPMI LUMERA family* surgical microscope, providing improved ergonomics without distraction from the surgical field.

In addition, ZEISS CALLISTO eye is equipped with automated eye tracking, ensuring that the position of the superimposed assistance functions are properly positioned on the eye.

**Incision/LRI assistant**
Superimpose the exact position and size of your incisions to ensure precise** surgery.

**Rhesis assistant**
Superimpose the exact shape and size of the capsulorhexis and align the IOL along the optical axis of the patient eye.

**Z ALIGN – toric assistant**
Use the reference axis from the ZEISS IOLMaster 500 and target axis in your microscope eyepiece to ensure precise** toric IOL alignment without corneal markers.

**K TRACK®**
Visualize corneal curvature in combination with a keratoscope, e.g. in corneal transplantations.

**ZEISS Cataract Suite** markerless
For precise** markerless toric IOL alignment

- Products designed to work together for a high level of precision** and efficiency by skipping manual steps for toric IOL alignment
- Efficient and reliable data transfer from biometry to surgery
- No manual eye marking

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*Z EI SS Cataract Suite markerless is available with: OPMI Lumera 700, S88/OPMI Lumera T, OPMI Lumera i, S7/OPMI Lumera
** Clinical data of Prof. Findl/Dr. Hirnschall presented at ESCRS 2013 – technologically verified pre-/intraoperative matching precision ± 1.0° in mean
Perfect Integration
For a streamlined workflow

ZEISS CALLISTO eye works as one with the ZEISS OPMI LUMERA family of surgical microscopes. View all assistance information in your surgical field and control ZEISS CALLISTO eye from the foot control panel of the surgical microscope. The connection with ZEISS FORUM and the ZEISS IOL Master 500 provides you seamless access to diagnostic reports of your patients in the OR. The flexible mounting options allow to integrate ZEISS CALLISTO eye into your OR environment and with your team for a streamlined cataract workflow.

Data Injection Systems
For maximum comfort, all assistance functions can be injected into the eyepiece of your surgical microscope. Both data injection systems – IDIS® for ZEISS OPMI Lumera 700 and EDIS® for all other ZEISS OPMI LUMERA family surgical microscopes – are protected from being knocked out of alignment. The high-resolution, high-contrast color image allows you to work stress free and ergonomically.

The optional roll stand or table-top stand allows the ZEISS CALLISTO eye to be freely positioned anywhere in the room. Alternatively ZEISS CALLISTO eye can be mounted directly to the floorstand or ceiling mount of ZEISS OPMI Lumera 700 so that it takes up no extra space and is always where you need it.

* Integrated Data Injection System  ** External Data Injection System

The moment you reach precise results. Fast. This is the moment we work for.
Perfect Integration
For a streamlined workflow

ZEISS CALLISTO eye works as one with the ZEISS OPMI LUMERA family of surgical microscopes. View all assistance information in your surgical field and control ZEISS CALLISTO eye from the foot control panel of the surgical microscope. The connection with ZEISS FORUM and the ZEISS OPMI Master 500 provides you seamless access to diagnostic reports of your patients in the OR. The flexible mounting options allow to integrate ZEISS CALLISTO eye into your OR environment and with your team for a streamlined cataract workflow.

Data Injection Systems
For maximum comfort, all assistance functions can be injected on the eyepiece of your surgical microscope. Both data injection systems (“IP” for ZEISS OPMI Lumen 150 and “ID” for all other ZEISS OPMI LUMERA family’s surgical microscopes) are protected from being knocked out of alignment. The high-resolution, high-contrast color image allows you to work stress-free and ergonomically.

HD video recording
Including existing overlay functions

Convenient Documentation
For high quality videos and photos

- High-quality video recording and photos
- HD video recording and photos that include the assistance functions allow you for example to document the correct position of the toric IOL. The quality of the videos and photos meet even the most demanding requirements in quality management, teaching and presentations.
- Opens up new patient marketing possibilities
- You can give every patient a video of their surgery. A video of surgery opens up a better overview for the operating team and lets them understand the course of the surgery easier.

Compatibility
Which product works with which CALLISTO eye function

Technical Data
CALLISTO eye touchscreen monitor

Chemical resistance
- Designated "Protective Class II" with essential transmission
- Ethanol 95% up to 80°C (176°F), 40% (457°F)
- Scratch proof

Power supply
- Integrated fanless 150 W medical power supply

Dimensions
- ZEISS CALLISTO eye touchscreen monitor

Supported languages
- German, English, French, Italian, Spanish, Japanese, Finnish, Danish, Norwegian, Swedish, Portuguese/Brazilian, Russian, Dutch

* Approximate<br>** Externally<br>1S88 / OPMI Lumera T, OPMI Lumera i, S7 / OPMI Lumera 2 From ZEISS IOLMaster 500 with toric option. 3 Keratoscope of ZEISS OPMI Lumera 700 required.