



# Ultra-widefield fundus imaging in Cataract and Refractive.

CLARUS 500 from ZEISS



# Preoperative confidence in seconds

Identifying contraindications for cataract or refractive surgery can often make the difference between good and great patient outcomes.

## Gain clarity with CLARUS

Minimize surprises with CLARUS fundus imaging to meet the expectations of your demanding patients for excellent visual outcomes. CLARUS® 500, the new ultra-wide field fundus imaging system from ZEISS, creates a 133° retinal image with 7 µm resolution in one shot, and gives a high-quality image of the retina quickly and reliably.

- **COLOR.** Capture in True Color for more confidence in retinal evaluation
- **CLARITY.** See high-resolution details from the posterior pole to the periphery
- **COMFORT.** Create a comfortable patient experience that fosters trust of favorable outcomes



# Reveal subtle signs of retinal disease

**Studies\* show a high prevalence of patients with retinal abnormalities undergoing cataract or refractive surgery.**

Identifying these conditions is crucial as they can significantly affect surgical results or cause complications. Common contraindications include diabetic retinopathy, macular holes, and epiretinal membranes. These retinal findings are often subtle and asymptomatic prior to surgery.

\* Studies available (Clinical leaflet)



Retinal Detachment

Macular Hole



UWF Diabetic Retinopathy



CLARUS 500 ultra-widefield imaging with high-resolution and True Color helps with detecting signs of potential contraindications that may be present on the patient's retina anywhere from the posterior pole to far periphery.

**Widefield imaging has shown to reveal more pathology than standard fields and allows for more thorough documentation and detection of peripheral retinal pathology.**

- **High-resolution and True Color** enable reliable preoperative retinal evaluation and documentation
- **Broad Line Fundus Imaging (BLFI)** enables high-quality capture through cataracts and other anterior segment media opacities
- **Document** the macula, optic nerve head and the periphery **with a single capture**



# CLARUS 500 streamlines preoperative workflow

Clinical

Workflow

Patient Experience

Page 1 | Page 2



## **CLARUS easily integrates into the workflow so that the doctor has all of the information needed prior to seeing the patient.**

With ultra-widefield imaging, doctors can quickly see an overview of the patient's retina and zoom into areas of interest on the image for a more detailed analysis, which streamlines practice workflow and improves efficiency.

### **With CLARUS 500, everything is simple**

ZEISS CLARUS 500 is an ultra-widefield retinal camera that has been designed with operator and patient comfort in mind.

- Capture 200° retinal images in seconds without dilation
- Delegate image capture to your practice staff with minimal required training
- Identify and document contraindications that could be easily overlooked
- Keep up with a busy preoperative workflow by observing subtle indications of disease anywhere in the retina

### **Simplify your daily routine in the clinic with CLARUS 500**



# Provide a premium patient experience

## Engage patients with easy-to-understand images

Preoperative retinal screening and understanding likely surgery outcomes is of interest to patients, especially if investing in elective procedures such as premium IOLs or laser refractive surgery. CLARUS 500 delivers images that are easy to explain and understand. Ultrawide view of the retina in high-resolution and True Color is a great tool to discuss retinal health and prepare patients for realistic expectations of vision improvement after surgery.

## Thoughtful design optimizes the patient experience

Simple, stable, and intuitive. By bringing the optics to the patient, CLARUS 500 from ZEISS helps create a comfortable patient experience that provides images free of lid and lash artifacts, and requires fewer recaptures.



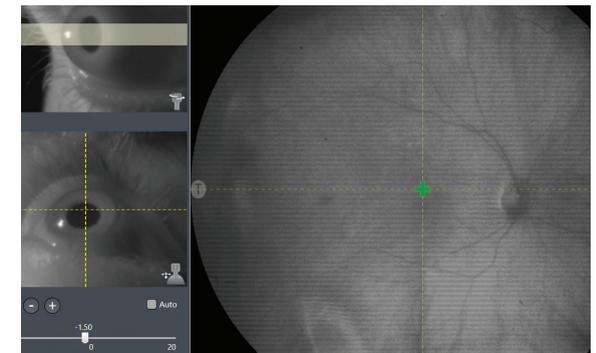
### Chin rest/head rest

A simple head and chin rest allows the patient to maintain a stable, neutral position while the operator brings the optics to the patient, facilitating a more comfortable imaging experience.



### Swivel motion

The ability to swivel the device between the right and left eye helps technicians capture a high-quality image without realigning the patient.



### Live IR Preview

Live IR Preview allows the technician to confirm image quality and screen for lid and lash, prior to imaging, ensuring fewer image recaptures.





CLARUS 500



**Carl Zeiss Meditec, Inc.**

5160 Hacienda Drive  
Dublin, CA 94568  
USA  
[www.zeiss.com/clarus](http://www.zeiss.com/clarus)  
[www.zeiss.com/med](http://www.zeiss.com/med)



**Carl Zeiss Meditec AG**

Goeschwitzer Strasse. 51-52  
07745 Jena  
GERMANY  
[www.zeiss.com/clarus](http://www.zeiss.com/clarus)  
[www.zeiss.com/med/contacts](http://www.zeiss.com/med/contacts)

**EN\_31\_020\_0010I** CZ-VIII/2018 Only for sales in selected countries.

The contents of the brochure may differ from the current status of approval of the product or service offering in your country. Please contact our regional representatives for more information. Subject to change in design and scope of delivery and as a result of ongoing technical development. CLARUS 500 is either a trademark or registered trademark of Carl Zeiss Meditec AG or other companies of the ZEISS Group in Germany and/or other countries.

© Carl Zeiss Meditec, Inc., 2018. All rights reserved.

