

# ANTERION®

## Multidisciplinary Imaging Platform Optimized for the Anterior Segment

### Experience the Power of OCT

ANTERION combines biometry and IOL power calculation with corneal topography and tomography, as well as anterior chamber metrics all based on high-resolution imaging to help transform clinical routine. The uniqueness of this revolutionary technology combines:

- Swept-source OCT technology
- Optimized wavelength
- Eye tracking
- Ray tracing
- Unique clinical tools
  - Monitor fixation in real-time
  - View images and data together
  - Adjust parameters and segmentation



### Rely on Rich Data

For all your anterior segment planning needs, consider the flexibility ANTERION provides as an all-in-one solution.

Heidelberg Image Quality



Modular Design

#### Imaging App

- Anterior chamber and angle imaging
- Corneal and scleral imaging
- Visualization of the lens and both surfaces
- Customizable scan patterns
- Peripheral imaging

#### Cataract App

- Axial length
- Lens thickness
- Aqueous depth
- Central corneal thickness
- Anterior axial curvature
- Total corneal power
- Total corneal wavefront
- Spheric and toric IOL calculator
- Formulas:
  - SRK/T
  - Haigis
  - Holladay I
  - Hoffer® Q
  - Barrett formulas (Universal II, Toric, True-K, True-K Toric)
- Import options for IOL database
- OKULIX ray tracing

#### Cornea App

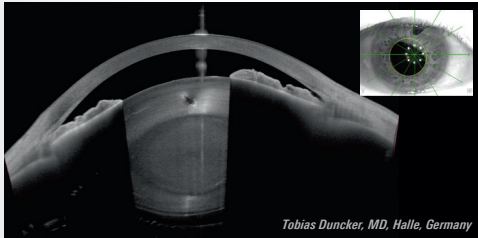
- Corneal topography
- Corneal tomography
- Pachymetry
- Total corneal power
- Corneal wavefront analysis
- Corneal differential maps
- Progression analysis

#### Metrics App

- Anterior chamber angle assessment
- 360° graphs of angle parameters
- Anterior chamber volume
- Lens vault
- Lens thickness
- Free-hand measurements

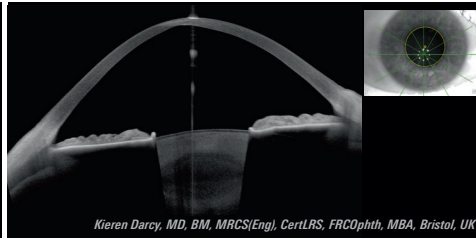
## Uncover More Details

It is important to detect hidden anomalies before surgery, capture true measurements, and make fewer assumptions to achieve the best possible outcome. The stunning and revealing swept-source OCT images and measurements generated with ANTERION support your clinical decision-making and surgical planning in a multitude of clinical disciplines.



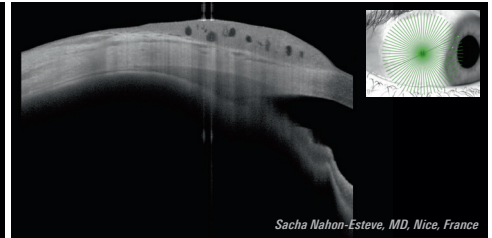
### Cataracts

Short eye with narrow anterior chamber angle, thick lens and cataract



### Corneal Details

Advanced keratoconus with central corneal scar

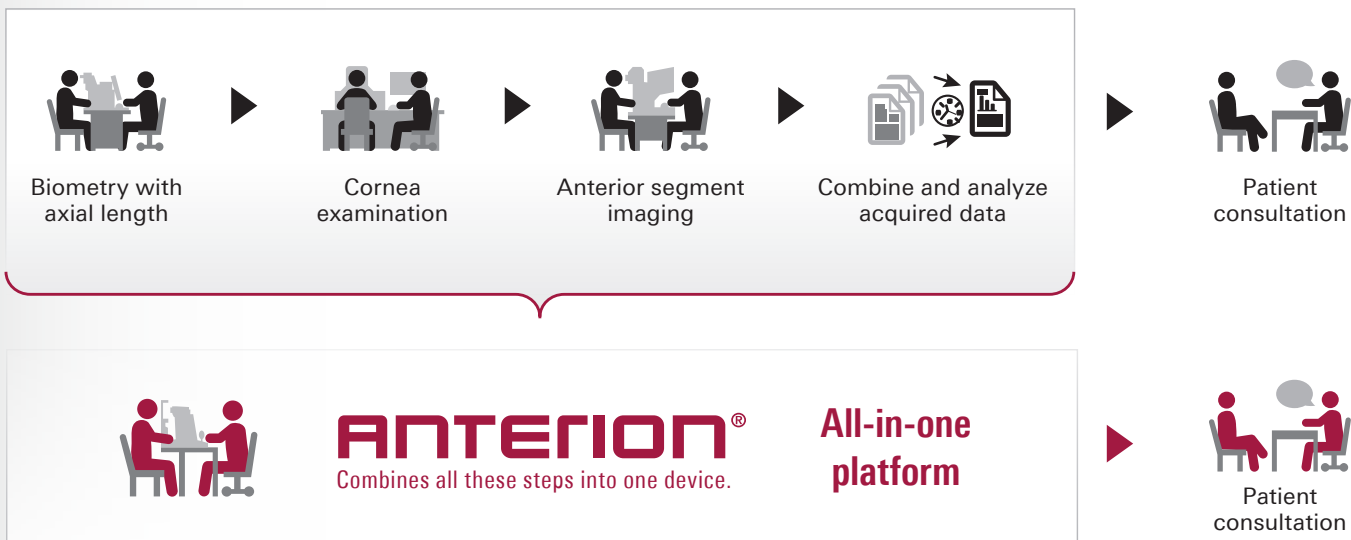


### Peripheral Structures

Conjunctival nevus, acquired using the external fixation light

## Optimize Workflow

ANTERION allows you to perform the most important anterior segment examinations on a single device, which eliminates the need to move patients between diagnostic devices.



## Enhance Patient Comfort

Creating a comfortable experience for your patients helps reduce their anxiety and increase the level of engagement. With ANTERION patients and technicians appreciate:

- Fast image acquisition (in less than one second)
- No bright lights
- No need for complete darkness
- Single session imaging and testing on one device
- Exceptionally clear images to better understand their eye condition or surgical outcome