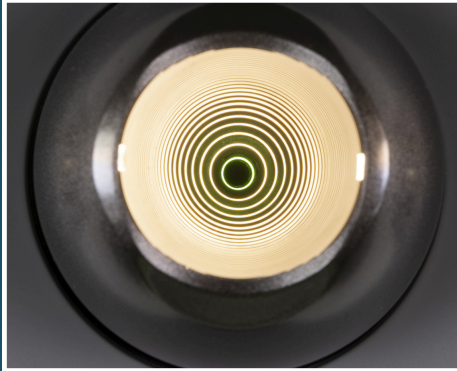# This is your guide to the Medmont Meridia™

Fast adopted by contact lens professionals around the world, the Medmont Meridia™ builds on the Medmont E300's gold-standard topography with full-colour maps, an ultra-wide field of view and unmatched corneal coverage.

And that's just the beginning.

The Meridia™ Pro introduces many new modes for anterior eye imaging—dry eye (DED) analysis and reporting, tear film analysis, meibography and more. It's everything you need for patient and practice success in one compact instrument.

**Keep scrolling to learn about the Medmont Meridia™ features and functions that support great outcomes and high ROI.**

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# Features | Meridia™ Classic and Pro

## Small cone design

The shorter working distance of the Meridia™ projects more rings onto the cornea than a large cone, offering a much larger capture field and a higher concentration of measured points to more accurately determine corneal shape.
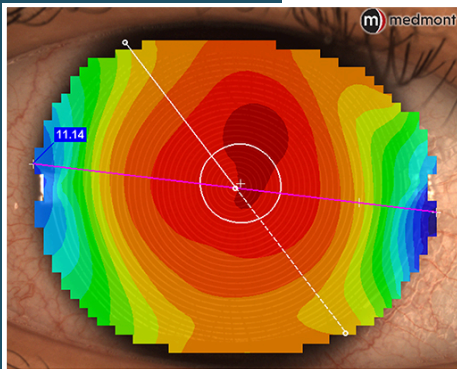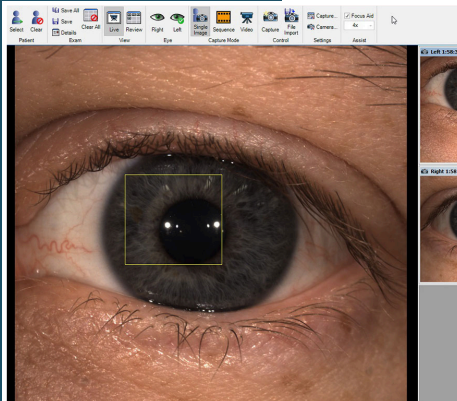
## Wide field-of-view

The Meridia™'s 16mm field of view enables quick, easy visualisation of the eye. Measure the full HVID, pick up anomalies without moving to anterior analysis—and more. Reclaim time in your busy schedule by saving steps in your workflow.

## Ultra-wide single capture

Generate up to 11mm+ of real corneal data in a single capture—without extrapolation. Fast-track excellent contact lens outcomes with all the information you need at a glance, so you can see more patients and generate more revenue.

## Composite topography

Use composite imaging to extend real data coverage to the edge of the sclera. It captures five images in different gaze directions and stitches them into one so you can measure and map limbus-to-limbus—invaluable for large lens design.
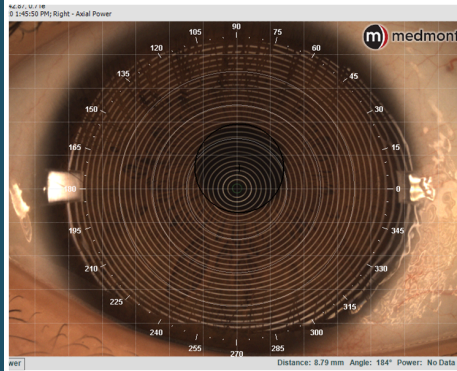
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The Meridia™ has simplified the ergonomics of the image capture and has mires to die for—clear and precise, and effortlessly takes excellent topography maps.
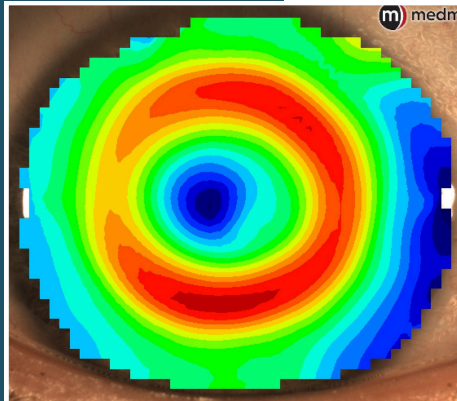
PROFESSOR RICHARD VOJLAY, AUSTRALIA

### Effortless auto capture

The Meridia™ initiates capture when you reach minimum alignment. Your job is to center the green cross hair and ensure an even tear film, guaranteeing distortion-free rings and precise data capture. Then, choose the most optimal map. It's simple.

### Full colour topography

See the anterior eye itself in brilliant HD colour during corneal topography. This lifelike view of the cornea and sclera lets you better observe subtle details and identify conditions that aren't immediately apparent with black and white imaging.
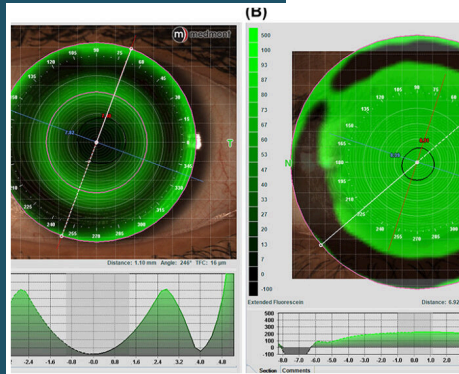
### Digital zoom

Use the Meridia™'s 2-10x digital zoom to zone in on regions of interest. With the Meridia™ Pro, you can save zoomed areas in all anterior capture modes. Use the HD images for documentation and to demonstrate pathology to your patients.

### Quick keys

With the Meridia™'s convenient new quick keys, you can stay stationed at your instrument instead of turning to your keyboard or mouse to capture images and video. It all adds up to a faster, smoother workflow.
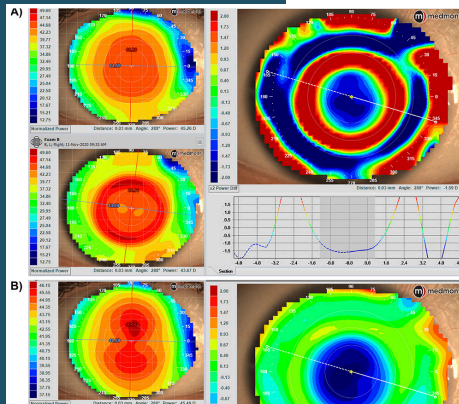
### Contact lens simulator

Build custom lenses by determining path and custom parameters for each patient, and assess how a lens will look on the eye. This increases your first-fit success for less trial lenses and exchanges. Increase your efficiency and proficiency, and see more patients.

### Subtractive maps

This powerful tool subtracts previous map data from a more recent one to show differences in corneal shape and power over time. Use it to display corneal flattening after refractive surgery, monitor keratoconus, determine ortho-k post-wear changes, and more.
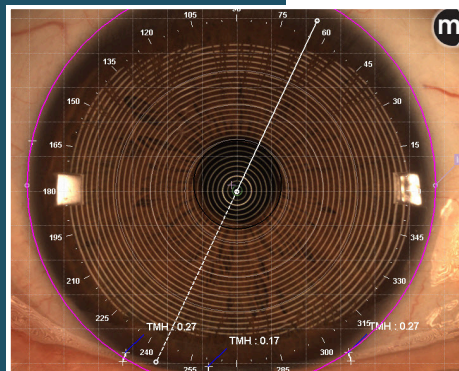
### Tear layer profile fitting

Optimise lens selection and build for the best fit in the principal meridians of the eye. The graph helps you understand tear fluid layer thickness where a lens vaults and lands. Manipulate parameters until you have the optimal lens-to-surface fit.

### HVID tool

To determine the best lens shape, you must measure the horizontal visible iris diameter (HVID). This is especially useful if your patient has a larger or smaller HVID than average. Sure, you could use a ruler, but it's more efficient with the Meridia™.
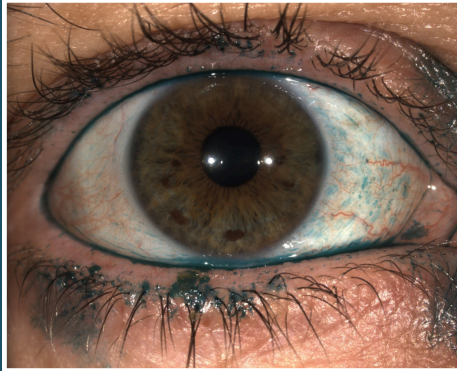
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This is an excellent device that provides many features that would normally require multiple machines. Exceptional.

DR AARON WOLF, TEXAS

# Features | Meridia™ Pro

### Anterior imaging and video

Capture and document high-quality colour images and video for well-informed clinical decisions, patient education and high confidence in your treatment plans. Easily export them to colleagues for collaboration or to labs for contact lens design.
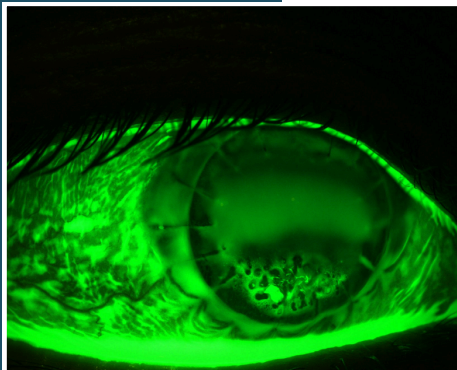
### Single-operator meibography

Screen, track and document Meibomian Gland Disorder with ease. The Meridia™'s short working distance means you can hold the patient's lids and capture images at the same time. No assistant required.
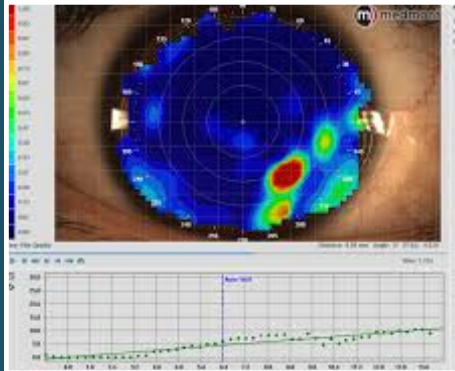
### Fluorescein review

See and document contact lens fits and corneal surface health with ultra-clear Fluorescein imaging and video. It activates cobalt light to highlight any conjunctival or corneal staining, as well as aiding tear film assessment.
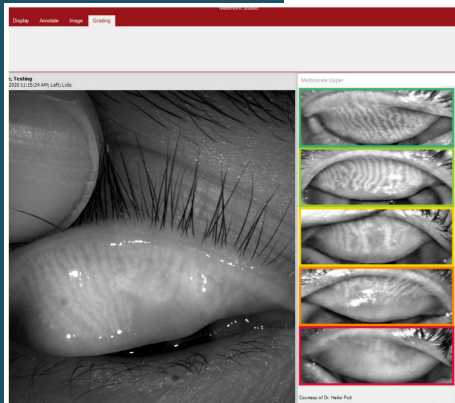
### Tear Meniscus Height (TMH) measurements

Quickly gain a quantitative tear volume measurement for an important piece of the DED subtyping puzzle—with minimal effort. Use the TMH annotation tool on any anterior image or topography capture for one less step in your workflow.

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**Tear film analysis mode**

The Meridia™ offers a non-invasive tear break up time test ('NIBUT') that measures in seconds to 1 decimal place—without sodium fluorescein dye. You can also map tear film surface quality (TFSQ) to identify and locate unstable tear film.
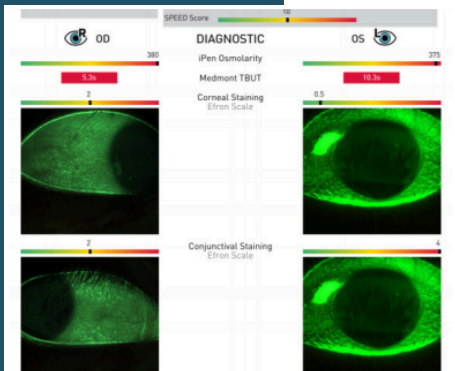
**Universal dry eye grading**

Ensure image gradings are reliably universal throughout your practice with standardised dry eye scales (Efron, BHVI, Meiboscale). Use them to educate patients on their level of disease and monitor outcomes to inform treatment plans.

**Comprehensive dry eye reports**

Quickly pull your dry eye workflow tests and images into a visual report. Use it to present findings to your patient to help them understand your diagnosis and recommendations. Generate a new report at each visit to track changes over time.

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# Want to know more?

Reach out using the contact details below.

We're happy to answer any lingering questions or set
you up with a free remote product demonstration.

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www.medmont.com

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