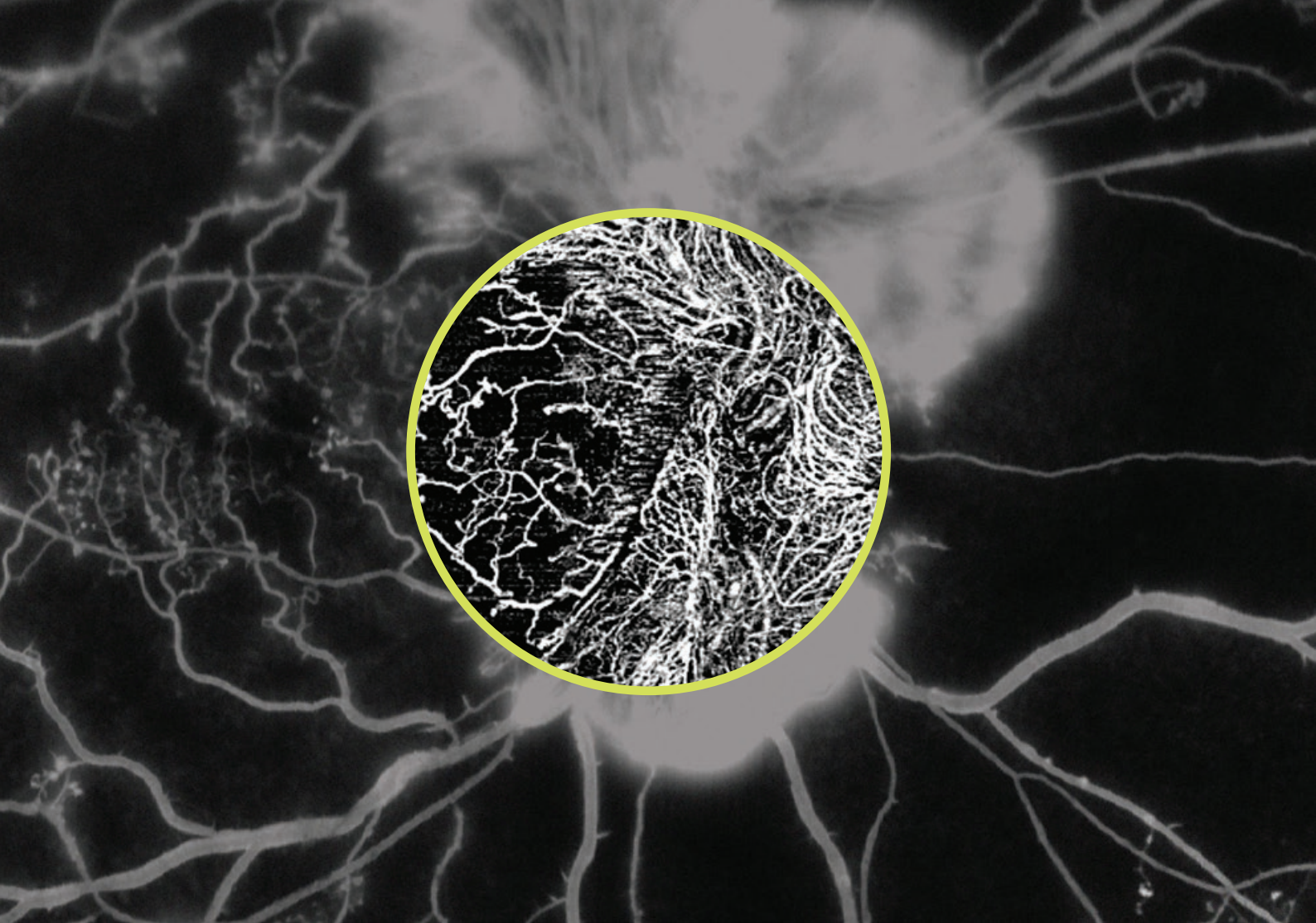


New vascular
quantification

CIRRUS OCT with AngioPlex from ZEISS
Making the revolutionary routine





Deeper visualizations for intervening with confidence.

CIRRUS™ OCT with AngioPlex® from ZEISS can be a much more powerful tool in your practice. Now, you can access more information in less time to assess whether your patient is stable or progressing and whether it is the right time to intervene or refer. OCT angiography delivers clearer visualizations and greater insight.

Rapid, efficient workflow

- **Non-invasive angiography:** No need for time-consuming dye injections
- **Single-Scan simplicity:** capture OCT angiography with just one scan
- **Real-time eye tracking with enhanced FastTrac™:** ensures artifact-free scans
- **Track to prior:** helps with precise location identification during follow-up visits

More effective decision-making

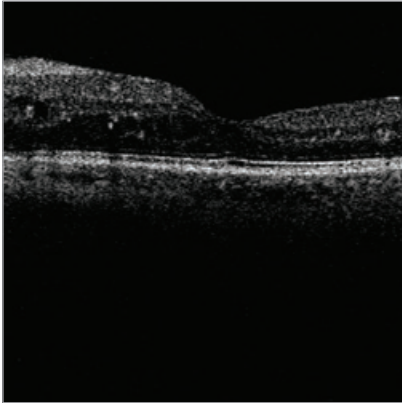
- **AngioPlex Metrix™:** see high resolution microvascular imaging with quantification
- **Change analysis:** track changes in vascularization to monitor disease progression and efficacy of treatment for true objective analysis
- **Integrated imaging:** integrate OCT structural and vascular changes into a more singular disease management strategy

See more details with OCT angiography.

Evolving diagnostic eye care from OCT to OCT angiography

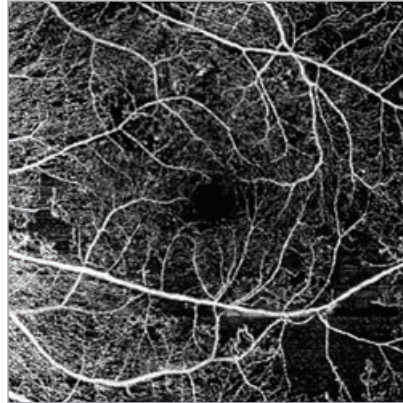
The evolution of OCT technology into angiography with quantification supports complex disease investigation.

CIRRUS B-scan



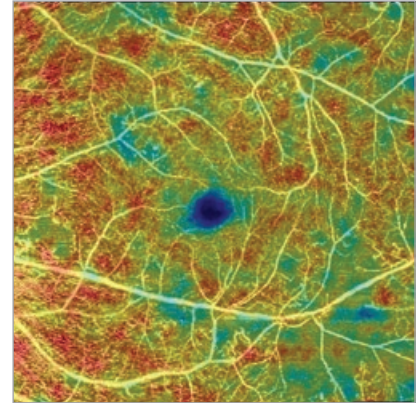
B-scan of patient displaying macular thickening

CIRRUS AngioPlex



OCT angiography of the same patient highlighting areas of ischemic vasculature

CIRRUS AngioPlex Metrix

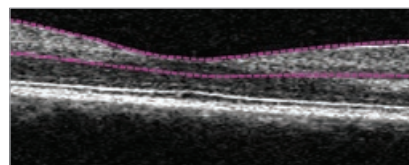
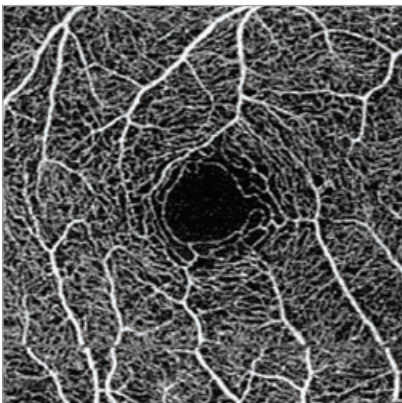


Color-coded retinal vessel density map of the same patient highlighting areas of decreased vasculature

AngioPlex Maps

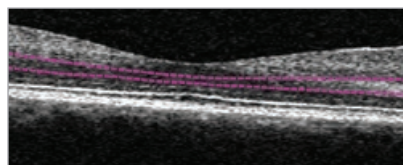
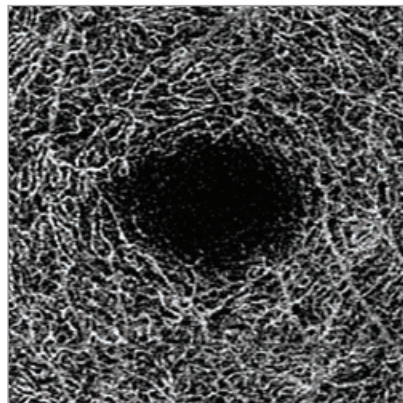
Ultra-clear visualization of separate layers of microvascular blood flow.

Superficial retina map



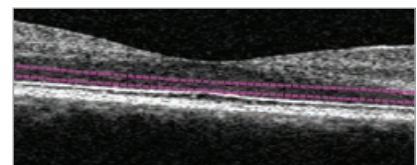
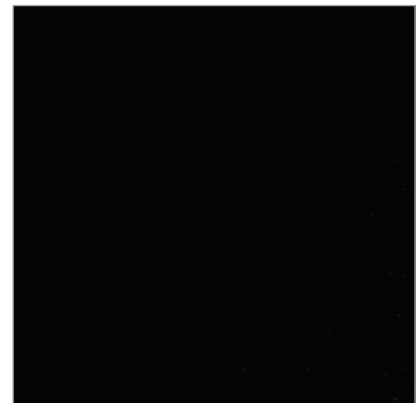
Superficial retina layer (pre-set map of vasculature between ILM and IPL)

Deep retina map



Deep retina layer (pre-set map of vasculature between IPL and OPL)

Avascular retina map

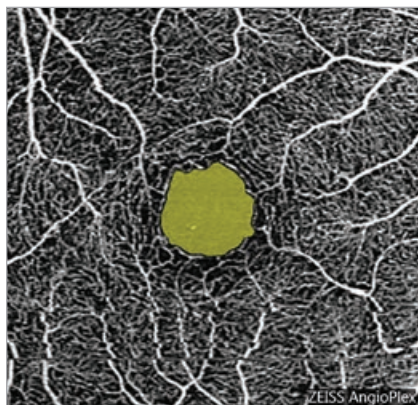


Avascular retina layer (pre-set map of vasculature between OPL and RPE)

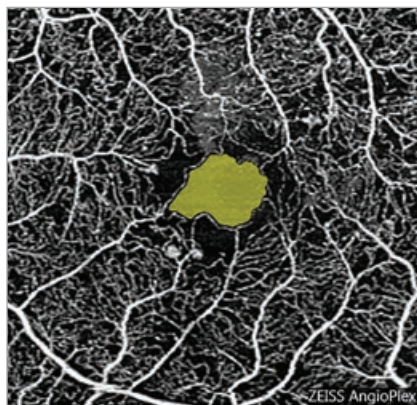
Quantify microvascular change.

AngioPlex Metrix and Change Analysis

AngioPlex Metrix helps identify patients progressing in diseases such as diabetic retinopathy. It allows you to evaluate central microvascular perfusion changes.



FAZ Normal Eye



FAZ Diabetic Retinopathy

Retinal vascular density is known to be affected by the presence of diabetic retinopathy. Diabetic retinopathy is characterized by an irregular, large foveal avascular zone (FAZ).

Assess change over time

- Vessel density (mm⁻¹)
- Perfusion density (unit less)
- FAZ (area, perimeter, circularity)

AngioPlex change analysis allows you to compare changes across two visits to monitor disease progression and the efficacy of treatment.

ETDRS				
Region	Exam 1	Exam 2	Difference	
Central	0.220	0.256	0.036 (27%)	
Inner	0.398	0.427	0.029 (7%)	
Outer	0.425	0.451	0.026 (6%)	
Full	0.412	0.440	0.028 (7%)	

FAZ			
	Exam 1	Exam 2	Difference
Area	0.16 mm ²	0.15 mm ²	-0.01 mm ² (-6%)
Perimeter	1.76 mm	1.58 mm	-0.20 mm (-11%)
Circularity	0.63	0.77	0.14 (22%)

1 View any two OCT angiography scans from a patient's history to visualize changes in retinal vasculature capillary perfusion and FAZ size and geometry

2 With angiography change analysis, the ETDRS and FAZ tables are expanded to include the densities of the previous scan, the current scan, and the difference between the two

Knowing when to intervene.

ZEISS CIRRUS OCT with AngioPlex

ZEISS offers a major step-forward in making retinal disease management and treatment planning more efficient and effective.

// INNOVATION
MADE BY ZEISS

CE 0297



Carl Zeiss Meditec, Inc.

5160 Hacienda Drive
Dublin, CA 94568
USA
www.zeiss.com/med
www.zeiss.com/contact



Carl Zeiss Meditec AG

Goeschwitzer Strasse. 51-52
07745 Jena
GERMANY
www.zeiss.com/med
www.zeiss.com/contact

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