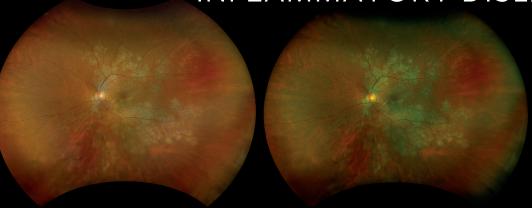
optomap®

REDEFINES STANDARD OF CARE FOR INFLAMMATORY DISEASE





optomap

optomap changes management decisions by more effectively capturing the peripheral circumferential extension of inflammatory and infectious disease. 1,2,3,4

- Up to 65% of the time, treatment was altered in patients with vasculitis managed with **opto**map when compared to examination (65%) and color fundus photography (CFP) (51%).^{2,5}
- In 48% of patients with uveitis, management was altered based on optomap fa compared to examination and simulated traditional fluorescein angiography (FA).¹
- optomap detects 23% more uveitic changes compared to clinical examination and traditional FA.²
- optomap can be used in place of CFP for the assessment of vitreous haze.⁶
- **opto**map *fa* provides additional information regarding the presence of vascular leakage (25%), nonperfusion (14%), lesions (7%) and neovascularization (4%) in the periphery of patients with uveitis.⁷

"UWF™ imaging and FFA play a pivotal role in the diagnosis and management of patients with retinal vasculitis.

UWF imaging has been shown to be superior to both clinical examination and conventional angiography in detection of retinal pathology in the context of vasculitis."

- Indian Journal of Ophthalmology, 2021

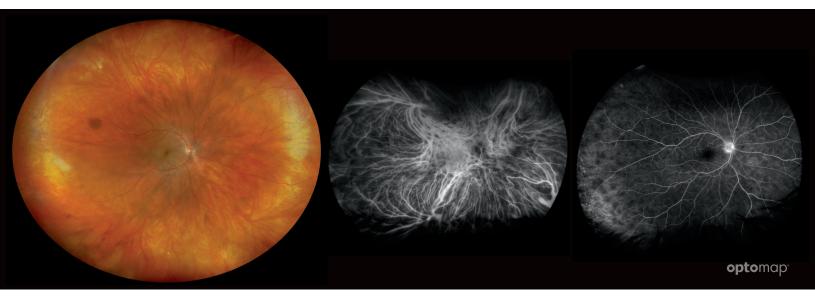
See how **opto**map will help you manage your patients. For more information scan the QR code on the back.







optomap redefines standard of care for inflammatory disease



optomap multimodal imaging of Birdshot Chorioretinopathy

- 18% of eyes had active uveitis when imaged with **opto**map *fa* compared to **opto**map *color* and optical coherence tomography (OCT) imaging alone.⁸
- More patients were determined to have bilateral disease on optomap fa compared to clinical examination.⁵
- 42% of eyes with retinal vasculitis have ischemia in four quadrants captured on **opto**map *fa*, better quantifying the risk of neovascular complications to guide precise, individualized treatment.⁹
- optomap fa and optomap icg together can help identify involved vasculature and determine pathophysiology of masquerading diseases.^{10,11}

- 85% of eyes with Behçet's disease had peripheral vascular leakage revealed on **opto**map *fa* not observed on clinical examination, underlining the importance of assessing vascular perfusion from posterior pole to periphery in a single capture.^{10,12}
- Lesions visualized with optomap fa were most abundant in the inferotemporal area, suggesting the need for 200° UWF versus traditional or widefield FA for the care of uveitis associated with sarcoidosis.¹³
- optomap fa captures the full extent of capillary nonperfusion or ischemia which supports sectoral panretinal photocoagulation planning to mitigate the risks of vitreous hemorrhage and vision loss.¹¹

References:

1. Campbell et al. Wide-field retinal imaging in the management of non-infectious posterior uveitis. American Journal of Ophthalmology. 2012. 2. Leder et al. Ultra-wide-field retinal imaging in the management of non-infectious retinal vasculitis. Journal of Ocular Inflammation. 2013. 3. Nicholson. Comparison of Wide Field Fluorescein Angiography and nine field Montage Angiography in Uveitis. American Journal of Ophthalmology. 2014. 4. Wang et al., Automated early detection of acute retinal necrosis from ultra-widefield color fundus photography using deep learning. Eye and Vision. 2024. 5. Sheemar et al. Ultra-Wide Field Imaging Characteristics of Primary Retinal Vasculitis: Risk Factors for Retinal Neovascularization. Ocular Immunology & Inflammation. 2018. 6. Dickson. Assessment of vitreous faze using ultra-widefield retinal imaging. Journal of Ophthalmic Inflammation and Infection. 2016. 7. Pecen et al. Peripheral Findings and Retinal Vascular Leakage on Ultra-Widefield Fluorescein Angiography in Patients with Uveitis. Ophthalmology Retina. 2017. 8. Karaca et al. Importance of Baseline Fluorescein Angiography for Patients Presenting to Tertiary Uveitis Clinic. American Journal of Ophthalmology. 2024. 9. Yap et al. Visual outcomes and prognostic factors in ischaemic retinal vasculitis. BMJ Ophthalmology. 2024. 10. Arora et al. Diagnostic work-up of retinal vasculitis: An algorithmic approach. 2024. 11. Szeto et al. Recent Advances in Clinical Applications of Imaging in Retinal Diseases. Asian-Pacific Academy of Ophthalmology. 2022. 12. Mesquida et al. Use of ultra-wide-field retinal imaging in uveitis associated with sarcoidosis. Heliyon. 2022.

optomap is available on Daytona, California, MonacoPro, and Silverstone. Modalities vary on device type, please check with your representative.



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