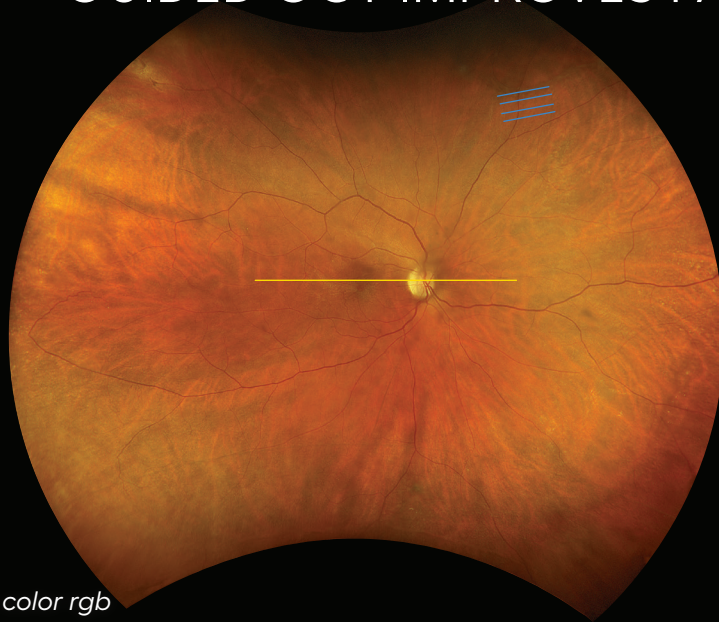


# GUIDED OCT IMPROVES PATIENT MANAGEMENT



**Silverstone RGB, which combines multimodal optomap with SS-OCT, can improve patient management, reduce the likelihood of misdiagnosis and change treatment decisions.**

- optomap guided OCT imaging impacts clinical decision making in 84% of cases.<sup>1</sup>
- 69% of cases have pathology only in the periphery while 31% have pathology in the central pole.<sup>1</sup>
- optomap guided SS-OCT overcomes the limitations of binocular indirect ophthalmoscopy (BIO) and scleral depression by visualizing microstructural details of peripheral lesions even in eyes with media opacity without dilation or additional lenses.<sup>2,3</sup>
- In 38% of cases, optomap color rg guided SS-OCT directly contributed to patient management plans (laser, injection or surgical treatment).<sup>2</sup>
- optomap color rgb is now available on Silverstone RGB. The clinical utility of this new modality has been found to be similar to optomap color rg and superior to fundus camera and multi-color imaging.<sup>4</sup>
- optomap color rg guided SS-OCT can reveal the presence of outer retinal breaks with associated retinal detachment requiring barrier laser retinopexy which were not evident clinically.<sup>2</sup>
- optomap color rg guided SS-OCT improves the detection of proliferative diabetic retinopathy (PDR) by 25%.<sup>5</sup>

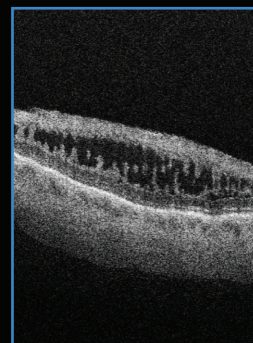
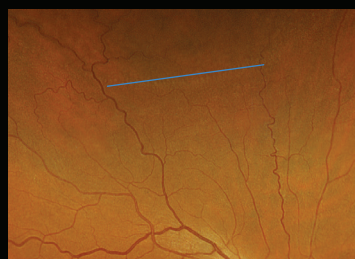
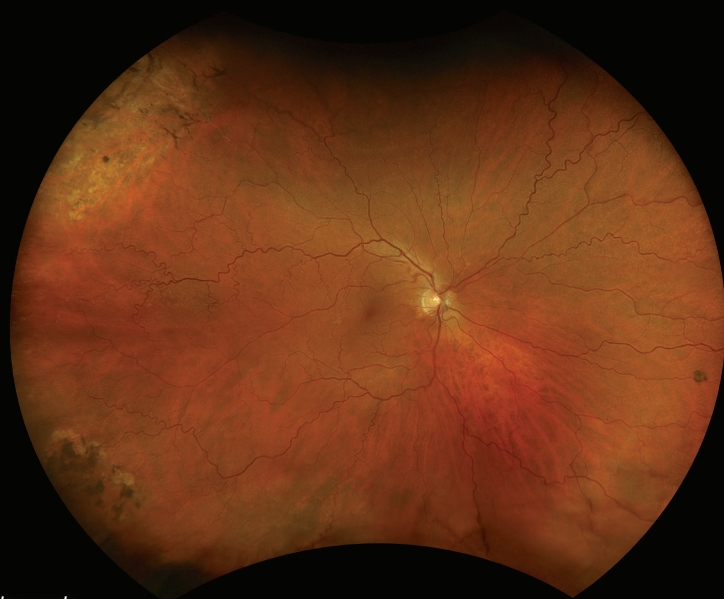
*“The integration of UWF imaging with SS-OCT presents a significant advancement in ophthalmic imaging, offering a more comprehensive evaluation of retinal and systemic diseases to ophthalmic personnel and the retina specialist”*

— Saudi Journal of Ophthalmology, 2024

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

# CLINICAL SUMMARY

## optomap guided OCT improves patient management



optomap color rgb

*Silverstone RGB* allows for UWF view of entire schisis with guided peripheral volume OCT to show details of schisis edge and support differential diagnosis and treatment decisions.

- OptosAdvance™ allows for the creation of 3D images in the central and peripheral retina enhancing the visualization of vitreoretinal abnormalities and the monitoring of morphological changes over time.<sup>3</sup>
- *Silverstone RGB* provides 4 in 1 color depth imaging generating **optomap color rgb**, **optomap color rg**, **optomap Sensory Retina** and **optomap Choroidal** images as well as **optomap guided SS-OCT** scans across the posterior pole and retinal periphery, aligning with extensive body of clinical literature underlining the importance of evaluating as much of the retina as possible during exam.<sup>5,6</sup>
- **optomap guided SS-OCT** supports visualization of: chorioretinal scars, retinal tears and holes, retinoschisis, detachments, retinal tufts, central serous retinopathy (CSR), lattice degeneration, choroidal nevi, vitreous inflammation overlying a peripheral scar, Coats disease, and peripheral retinal traction in sickle cell retinopathy.<sup>1,7</sup>
- *Silverstone RGB*'s multimodal approach helps visualize morphological differences in rhegmatogenous retinal detachments (RRD) and detect silicone oil emulsification which can facilitate management decisions regarding time to surgery and optimal surgical technique.<sup>8,9</sup>
- Capturing peripheral pathologies using **optomap guided color rg SS-OCT** assists in the differentiation of lesions that were previously misidentified.<sup>1,2</sup>
- Even complex image series including **optomap** and peripheral OCT were obtained quickly in an average of 4 minutes.<sup>2</sup>
- 86.4% of the image series were deemed diagnostically significant for the peripheral pathology.<sup>2</sup>
- Only 2% of eyes had pathology that could not be imaged with **optomap color rg** guided SS-OCT.<sup>1</sup>

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optomap is available on *Daytona, California, MonacoPro* and *Silverstone RGB*.



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