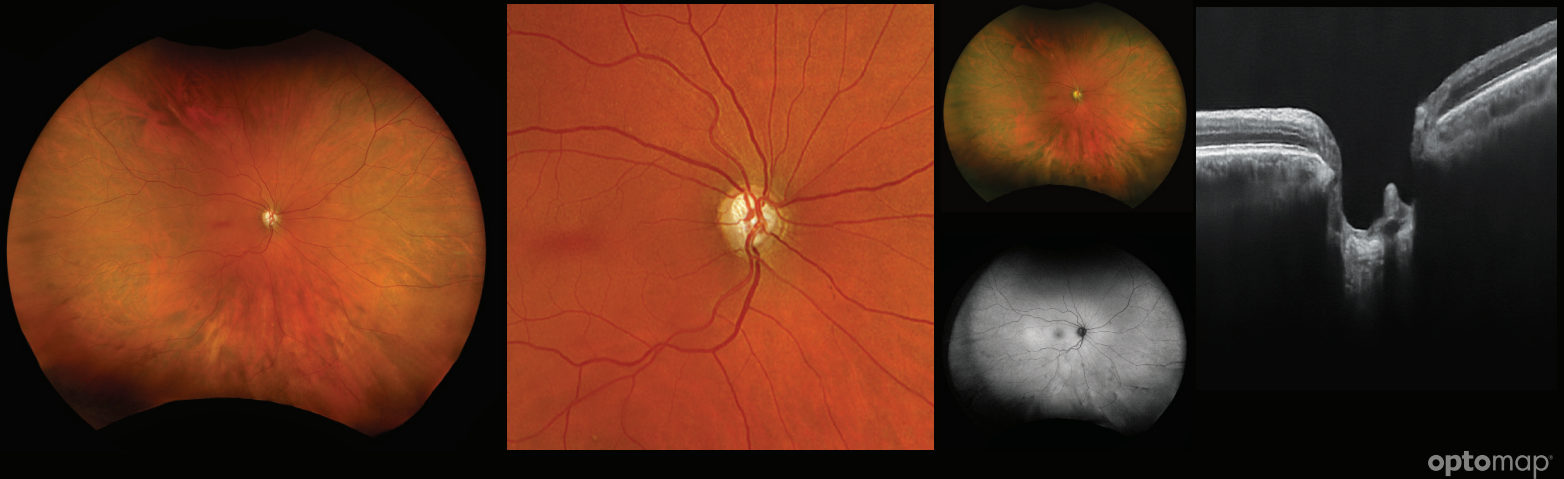


EQUIVALENT FOR GLAUCOMA ASSESSMENT



Results from published clinical studies suggest that optomap may play an essential role in glaucoma management.^{1,2}

- **optomap** has an overall glaucoma classification accuracy of 93.9% for the detection of suspicion of glaucoma.¹
- **optomap** has almost perfect agreement with color digital stereoscopy when assessed by a glaucoma specialist.²
- Vertical cup-to-disc ratio (VCDR) estimations on **optomap** images are comparable to paired stereo disc images captured on VISUCAM® PRO NM.³
- Multimodal **optomap color rg** combined with SD-OCT in *MonacoPro* is equipped with a comprehensive reference database (RDB) which follows new best practice, state of the art guidelines for optic nerve head (ONH) size, allowing for more accurate glaucoma predictions.
- Glaucomatous defects measured with *MonacoPro* correlate well with visual field results and Cirrus.^{4,5}
- **optomap color rgb** is now available on some Optos devices. 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 including in optic nerve pathologies.⁷

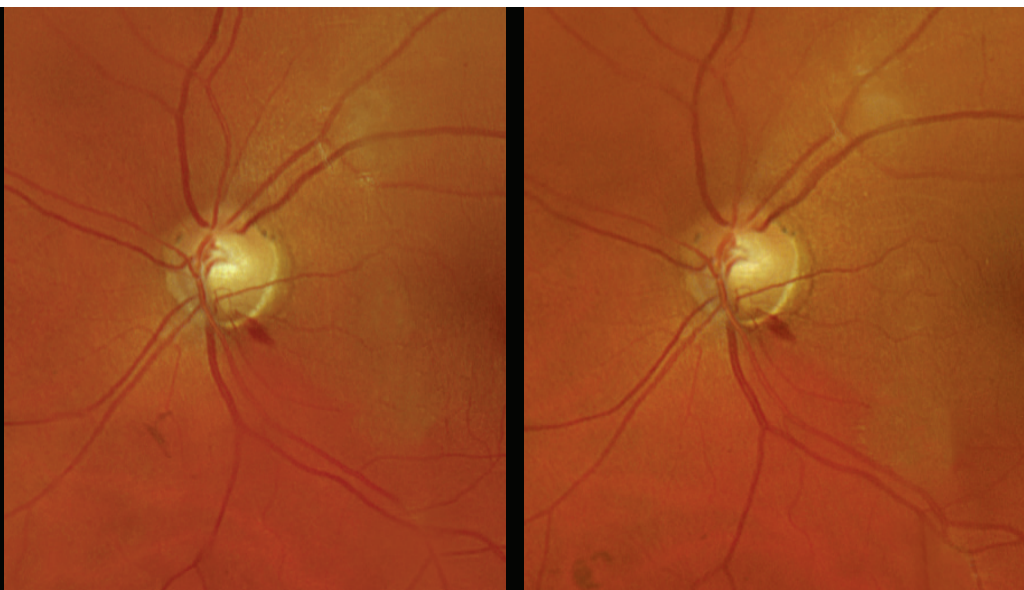
“Ultra-widefield (UWF™) imaging may be suitable for diagnosing glaucoma in situations in which slit-lamp biomicroscopy or digital color stereoscopy are not available.”

- Ophthalmic Epidemiology, 2017

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

CLINICAL SUMMARY

optomap equivalent for glaucoma assessment



optomap

optomap *color rgb* stereo pair with drance heme and discrete floater moving inferiorly between captures.

- Grading of **optomap** imaging has high reproducibility in evaluating VCDR and agreement with stereoscopic optic disc imaging³ which may be suitable for glaucoma diagnosis when color digital stereoscopy is not available.²
- **optomap** imaging may support diagnosis of glaucoma when slit-lamp biomicroscopy or stereoscopy are not available.²
- **optomap** can be used in conjunction with clinical examination methods to enhance the management of glaucoma.¹
- An additional study found glaucoma classification accuracy for traditional small-field fundus images is 94.4 % and accuracy for detection of suspicion of glaucoma in **optomap** images is 93.9%.¹
- OptosAdvance™ software provides measurement tools including calipers for measuring VCDR and AreaAssist, which facilitate follow-up examination, referring provider communication and patient education in the management of glaucoma and comorbid peripheral retinal disease.

References:

1. Haleem et al. Regional Image Features Model for Automatic Classification between Normal and Glaucoma in Fundus and Scanning Laser Ophthalmoscopy Images. J Med Syst. 2016.
2. Quinn et al. Can UWF Retinal Imaging Replace Colour Digital Stereoscopy for Glaucoma Detection. Ophthalmic Epidemiology. 2017.
3. Salazar. Optic nerve assessment with stereo photographs and ultra-widefield scanning laser ophthalmoscope images. Clin Exp Optom. 2024.
4. Aiello. Integrating Macular Optical Coherence Tomography with Ultrawide Field Imaging in a Diabetic Retinopathy Telemedicine Program Using a Single Device. Retina. 2023.
5. E. Sinai. Structure and Function Relationship in Glaucoma with a Novel Multi-Modal Imaging Device Combining UWF-SLO and SD-OCT. ARVO 2024.
6. A. Speilburg. The Normal Distribution of Disc Area on a Combined UWF-SLO + SD-OCT device with Comparison to SD-OCT. ARVO 2024.
7. Nagel. Comparison of a Novel Ultra-Widefield Three-Color Scanning Laser Ophthalmoscope to Other Retinal Imaging Modalities in Chorioretinal Lesion Imaging. Transl Vis Sci Technol. 2025 Jan 2;14(1):11

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



Optos UK/Europe
+44 (0)1383 843350
ics@optos.com

Optos North America
800 854 3039
usinfo@optos.com

Optos DACH
DE: 0800 72 36 805
AT: 0800 24 48 86
CH: 0800 55 87 39
ics@optos.com

Optos Australia
+61 8 8444 6500
auinfo@optos.com

Contact us:

