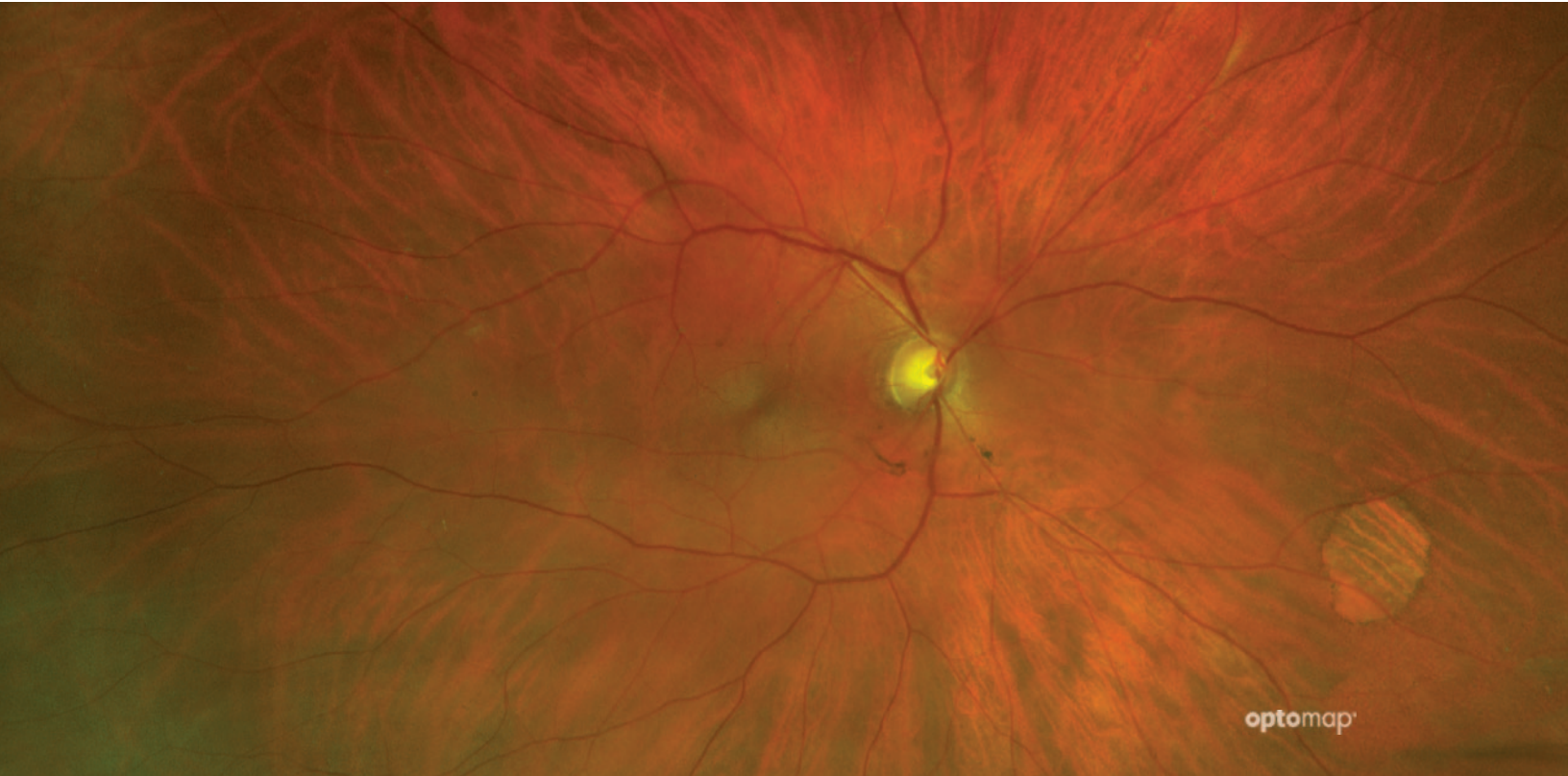


# optomap®

## EQUIVALENT FOR GLAUCOMA ASSESSMENT



optomap®

**Results from published clinical studies suggest that optomap® may play an essential role in glaucoma management.<sup>1,2</sup>**

- optomap has overall glaucoma classification accuracy of 93.9% for the detection of suspicion of glaucoma.
- optomap has almost perfect agreement with color digital stereoscopy when assessed by a glaucoma specialist.<sup>2</sup>

*“Ultra-widefield (UWF™) imaging may be suitable for diagnosing glaucoma in situations in which slit-lamp biomicroscopy or digital color stereoscopy are not available.”<sup>1</sup>*

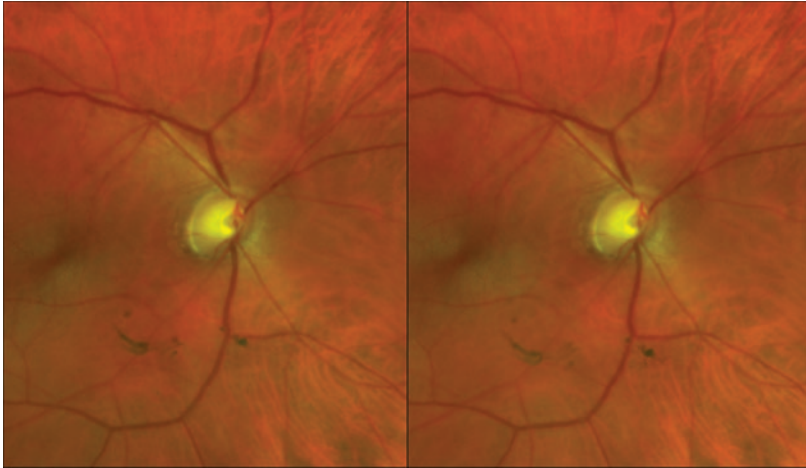
— *Ophthalmic Epidemiology*, 2017

See how **optomap** will help you manage your glaucoma patients. For more information call **800-854-3039** or email **BDS@optos.com**.



# CLINICAL SUMMARY

## optomap® Equivalent for Glaucoma Assessment



Stereo pair of optic nerve head images which can be viewed in OptosAdvance using a stereo viewer for suspicion of glaucoma.

- **optomap** demonstrated almost perfect agreement with color digital stereoscopy when assessed by a glaucoma specialist.<sup>1</sup>
- Grading of **optomap** imaging has high reproducibility in evaluating vertical cup-to-disc ratio and agreement with stereoscopic optic disc imaging and may be suitable for glaucoma diagnosis in situations where color digital stereoscopy is not available.<sup>1</sup>
- **optomap** imaging may be suitable for diagnosing glaucoma in situations where slit-lamp biomicroscopy or digital color stereoscopy are not available.
- An additional study found glaucoma classification accuracy for traditional small-field fundus images is 94.4 % and accuracy of detection of suspicion of glaucoma in **optomap** images is 93.9 %.<sup>2</sup>
- These results show that **optomap** can be used in conjunction with clinical examination methods to enhance the management of glaucoma.

#### References:

1. Quinn et al. Can UWF Retinal Imaging Replace Colour Digital Stereoscopy for Glaucoma Detection. Ophthalmic Epidemiology. 2017.
2. Halee et al. Regional Image Features Model for Automatic Classification between Normal and Glaucoma in Fundus and Scanning Laser Ophthalmoscopy Images. J Med Syst. 2016



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