



Location
Rochester,
Minnesota



Device
California



**Consulting
rooms**
3



**Doctors in
Practice**
One

Minnesota doctor praises Optos device for unparalleled retinal insights

Dr. Lawrence Addison founded Total Vision Eyecare in Rochester, Minnesota in 2020. Specializing in boutique eye care solutions, Dr. Addison and his team pride themselves on investing in leading technology to deliver the best patient care.

The practice, which completes roughly 12 examinations every day, introduced the Optos *California* in June 2022 following Dr. Addison's experience of using the device throughout his 13-year career.

The *California* produces an **optomap**[®] – an ultra-widefield (UWF[™]) 200° single-capture image of the retina. The device provides unrivaled clarity in less than half a second and is suitable for all patients, including children.

Detects asymptomatic conditions

Due to such positive initial uptake and impressive rate of acceptance, within three months the practice introduced **optomap** screening as a mandatory inclusion in all examinations. "Having worked in both the corporate and private side of optometry, I knew as soon as I opened my practice, I wanted the best technology," Explains Dr. Addison.

"I've worked in practices that offered Optos ultra-widefield imaging, and practices that didn't. When the technology was not available, I had to solely rely on dilation to generate a clear picture of the retina – and when a patient refused this, it was difficult to see the full picture."

"The *California* was the perfect solution for our practice as it not only offered the UWF imaging but also an autofluorescence feature that gives information over and above conventional imaging techniques".

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Lawrence Addison, OD
Total Vision Eyecare

Optos' *California* enables practitioners to see more, discover more, and effectively treat more ocular pathology. The device provides 50% more visibility of when compared to other conventional imaging devices and presents the digital capture in ProView™ which displays **optomap** images in a consistent geometry that accurately represents anatomical features in the retina.

In the first week of using the *California*, two major tears were identified and referred to retinal specialists. The practice has since marked the identification of its fifteenth hole, break or tear. Out of the fifteen patients, only one showed symptoms and the rest were asymptomatic.

Additional reassurance for patients

Dr. Addison and his team place a large focus on patient education. "It is one thing to tell a patient what is going on at the back of their eye but it's another thing for them to be able to see it for themselves. The **optomap** image gives patients an added layer of reassurance that I couldn't offer before" explains Dr. Addison.

"We show patients their **optomap** image in the exam room along with other imaging and explain exactly what we're talking about there and then. It's made it much easier for patients to understand their eye health and look at any problems the device picks up."

"I routinely use **optomap** to show patients cataracts, axial lengths that have increased with high myopia and the difference stigmatism makes in different prescriptions."

Following the introduction of the Optos device and its incorporation into routine examinations, patients have responded extremely well. There was a worry that patients would not adapt to the new technology, however it has been the opposite and most show a keen interest and want to learn more.

Dr. Addison added: "In a day and age where there is a lot of remote interactions, we see a high demand from patients continuing to seek that in person care utilizing the best high-end technology."

Endless benefits

The practice is located near a major medical clinic, of which, the ophthalmology department is often booked up months in advance. There have been a number of occasions when the **optomap** image has been shared alongside a referral which has improved the rate and speed of getting those patients in for their referrals.

Being so close to the medical community has resulted in many coming to us for routine examinations. Those returning to work often after their appointment refuse dilation, so it has been welcomed that we can still do a full retinal examination quickly and efficiently while removing the discomfort of dilation" states Dr. Addison.

The introduction of the *California* follows Dr. Addison's professional accolade after being named Newsweek's number one Doctor of Optometry in Minnesota.

As for words of advice to anyone considering an Optos device and **optomap**, Dr. Addison said: "I'd urge those interested in the device to trial it. It will allow time for both staff and patients to get used to the device and will highlight just how beneficial the technology could be to a practice."

"I'll never practice without the **optomap** again – being able to detect conditions you can't see otherwise is so invaluable and its extremely fulfilling to identify an issue before it becomes a real problem."



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