

The mandatory stay at home orders that COVID required left many eyecare professionals wondering how they would treat their patients. Louise Sclafani, OD decided that telemedicine, including virtual visits, would be the best route for her patients. Little did she know the **optomap** technology that she relies on in her practice would become essential to her as both a doctor and a mother.

As it so happens, Dr. Sclafani's husband works for Optos, the company who develops and sells the **optomap** ultra-widefield retinal imaging technology. In March 2020, as they watched the number of positive COVID cases continually increase in the Chicago area, and due to the "shelter in place" orders, her husband decided to provide

some tutorials for his customers and colleagues, and he needed a patient. Their son Liam was available, so they began imaging their son at home on his demonstration unit Optos *California* device.

On the first image, the duo spotted a scar that they had never noticed on previous retinal exams. More images with some eye steering and autofluorescence produced an additional two clear retinal holes, and a suspicious spot that served as a guide to target scleral depression. One of the holes was also showing the beginning of a break.

Naturally, Dr. Sclafani went into full doctor mode. Even with COVID, she was fortunate to get Liam a referral to a retina

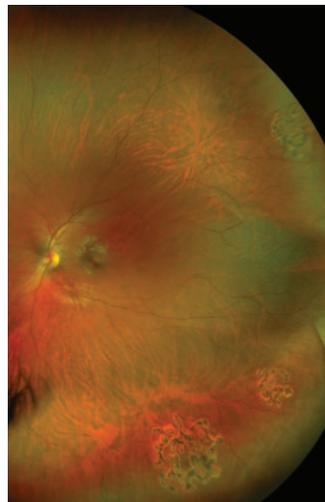
specialist, Jose Garcia, MD, also an Optos customer using **optomap**. Dr. Garcia reviewed the images and agreed to see Liam a few days later. In many cases "watch and wait" is one option for a presentation such as this, however, the doctor had Liam undergo laser treatment instead. The procedure was successful and uneventful.

As a mother, Dr. Sclafani was panicked and guilt-ridden. "How could I miss this?" she says. "The fact is, I didn't. These far-periphery tears and holes are what the **optomap** technology picks up during routine eye exams. This exam, while unconventional with regard to where it took place, was the same exam we would perform in office."

"My son is emmetropic, had no symptoms, no family history and no recent trauma. He is a hockey player and last year his competitive style, on more than one occasion, resulted in a few jarring hits to the head. Never enough to cause a concussion, but clearly a contributing factor. Had we not performed this exam, this potentially could have led to a retinal detachment," explains Dr. Sclafani. While the initial scar in this case, did not turn out to be a hole, it did spark attention to look in more detail, and began a more serious exam into Liam's ocular health.

***"I've saved sight and lives with optomap, this time it was my son."***

**Louise Sclafani  
OD, FAO, FSLs**



Post-surgical **optomap** image highlighting the far-peripheral nature of Liam's pathology.



Liam, an avid hockey player will, without a doubt, return to the ice next season



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