

Your doctor has recommended an advanced diagnostic scan to evaluate the health of your retina.

For this procedure, your doctor will be using a highly innovative instrument called Stratus OCT™. This advanced-technology instrument never touches your eye, so there's no discomfort. It's safe and requires only a few minutes of your time. Most importantly, Stratus OCT helps your doctor to clearly see the internal structures of your eye, so problems can be treated before they progress. The unique view that your doctor sees with Stratus OCT is called a *direct cross-sectional image* of your retina.

What is direct cross-sectional retinal imaging?

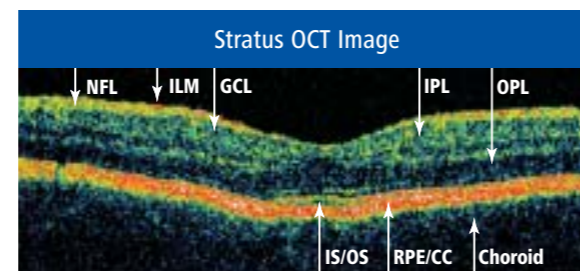
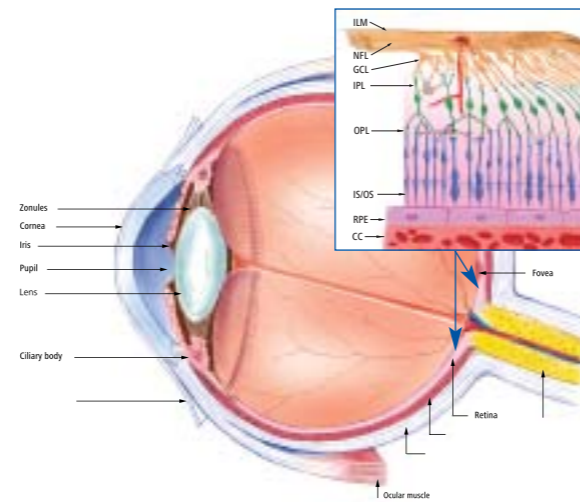
The retina is the innermost lining of the inside of your eye. It is composed of several layers, and functions like the film in a camera. The lens of the eye focuses images on your retina, much like the lens of a camera focuses images on film. These images are transmitted to your brain by the optic nerve, enabling you to see.

Direct cross-sectional imaging is so named because it enables your doctor to look directly at a "cutaway" view of the layers of the retina and optic nerve, and accurately assess their characteristics. Other machines show the surface of these structures, but Stratus OCT shows your doctor what is *below the surface*.

Does this type of image help your doctor?

The best answer is, examining your retina without the Stratus OCT would be like trying to diagnose a broken arm without an x-ray, or a ruptured disc without an MRI.

The Layers of the Retina



NFL: Nerve Fiber Layer	OPL: Outer Plexiform Layer
ILM: Internal Limiting Membrane	IS/OS: Junction of Inner and Outer Photoreceptor Segments
GCL: Ganglion Cell Layer	RPE/CC: Retinal Pigment Epithelium/Choriocapillaris
IPL: Inner Plexiform Layer	

This is a Stratus OCT image of the layers of a normal retina.

Specifications subject to change without notice.
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Looking deeper into
the health of your
RETINA

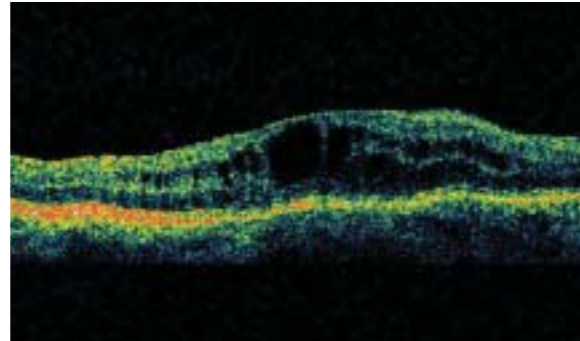


What does direct cross-sectional retinal imaging offer that's unique?

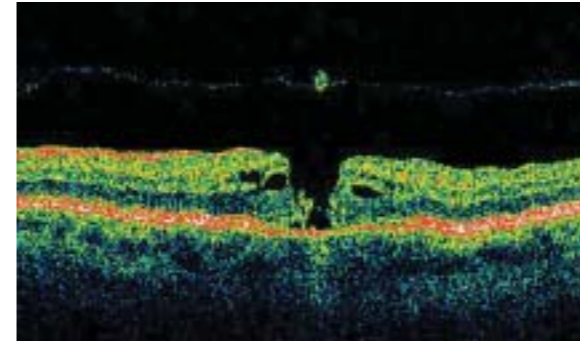
With Stratus OCT images of the layers of your retina, your doctor can see and measure delicate structures and monitor any changes. Stratus OCT is the only instrument that provides these images, so it's the ultimate tool for precise diagnosis and treatment.

What can direct cross-sectional retinal imaging tell my doctor about my retina?

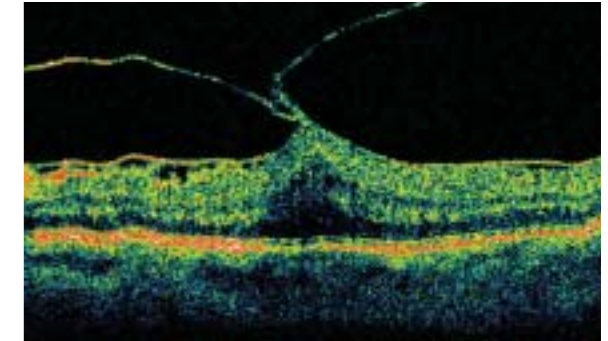
Stratus OCT enables your doctor to identify and diagnose many types of retinal abnormalities. These include:



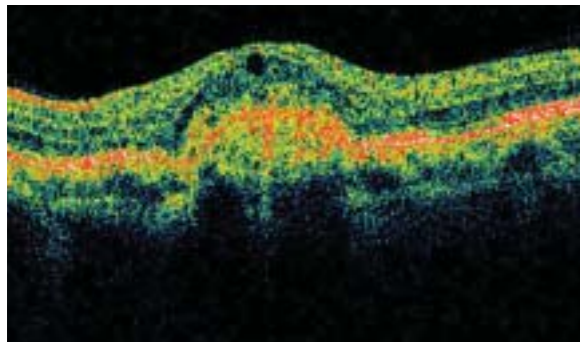
Post-Cataract Surgery Cystoid Macular Edema consists of fluid-filled cysts that form within the retina causing the retina to be swollen. This is usually noticed as blurry or distorted vision.



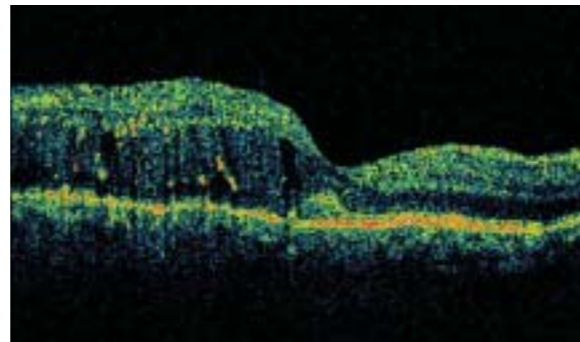
Macular Hole is a hole in the retina. Prior to treatment, the loss of vision can be very slight to very noticeable, depending on the size of the hole.



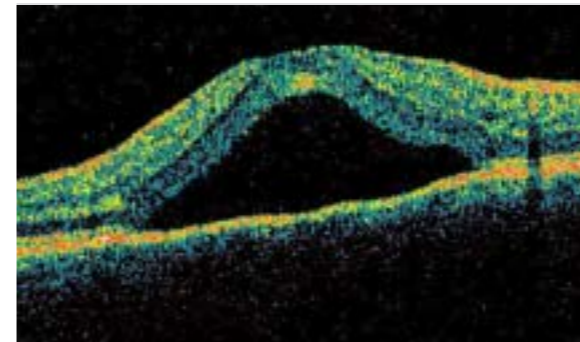
Epiretinal Membrane is a deposition of scar tissue on the surface of the retina. Prior to treatment, the most common symptoms are reduced sharpness of vision and visual distortion.



Age-Related Macular Degeneration (AMD) is a deterioration of the macula, which is the part of the retina responsible for sharp, direct vision. AMD may include abnormalities below the retinal surface. Prior to treatment, this can interfere with central vision.



Diabetic Macular Edema is an accumulation of fluid within the retina. Prior to treatment, this can produce dark or gray areas in the field of vision or reduced sharpness of vision, but sometimes it can occur without loss of vision.



Central Serous Chorioretinopathy is a blister of fluid that collects underneath the retina. Prior to treatment, symptoms can include a dark or gray area in the field of vision.

Stratus OCT: Revealing the complete picture.

Stratus OCT offers the ultimate benefit for people with retinal abnormalities—the best possible care. Early detection helps your doctor to diagnose and control retinal problems before avoidable, permanent damage is done.

Stratus OCT enables your doctor to watch closely for the slightest retinal changes and respond as needed. Stratus OCT gives your doctor high quality, highly accurate knowledge of your eyes that is simply unavailable with any other technology. This extremely detailed understanding of your eyes can be instrumental and essential in safeguarding your vision for many years to come.