

# eye disease

it can happen anytime, to anyone



Vision threatening **eye disease is expected to double** in the coming years, according to the National Eye and Prevent Blindness America. By the year 2030, twice as many Americans will be blind as there are today.

**iWellness** Exam  
Committed to Your Vision

1. [http://www.preventblindness.org/diabetes/patcommunity/diabetes\\_youreyes.htm](http://www.preventblindness.org/diabetes/patcommunity/diabetes_youreyes.htm)
2. Kertes PJ, Johnson TM, ed (2007). *Evidence Based Eye Care*. Philadelphia, PA: Lippincott Williams & Wilkins.
3. Stuart J. McKinnon, MD, PhD, Copyright 2008 *The Pediatric Glaucoma & Cataract Family Association: Can We Regenerate Optic Nerves Damaged by Glaucoma?*
4. Vision Problems in the U.S., by the National Eye Institute and Prevent Blindness America, 2008

P/N 300-46476 Rev.A

Vision loss is a game changer.



**iWellness** Exam  
Powered by optovue

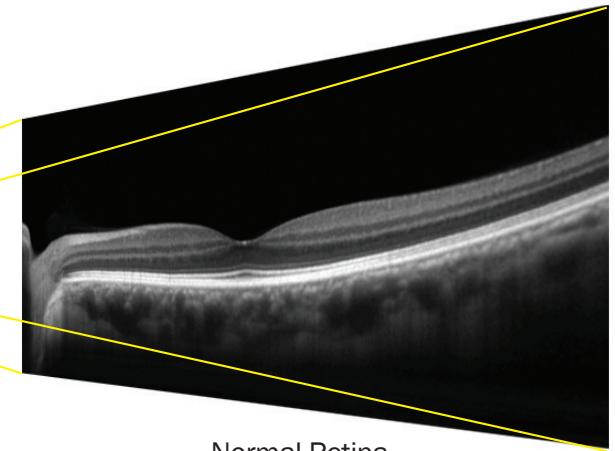
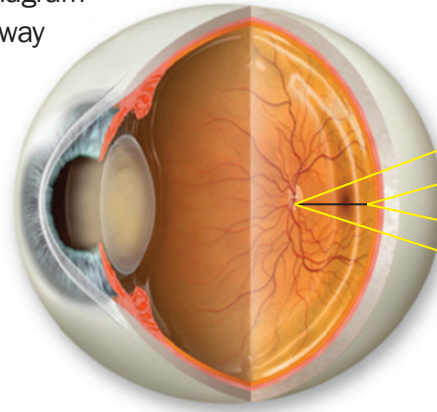
## Early Detection is Crucial

Sight threatening diseases such as glaucoma, macular degeneration, diabetic retinopathy and others often have **no outward signs or symptoms in early stages**, which is why eye exams, including a thorough retinal evaluation, are so important to protect vision.

Detect eye disease **NOW**  
when it is **most treatable**.

Now there is an opportunity to detect signs of vision threatening disease earlier with a new breakthrough technology called Spectral Domain Optical Coherence Tomography (SD-OCT). As the most important development in eye care in the last decade, this **advanced technology** can help detect potential vision threatening diseases in their early stages when they are most treatable.

Eye Diagram  
Cut-away



Normal Retina

## iWellnessExam SD-OCT

Like an MRI of the eye, but totally painless and taking only seconds to perform, the iWellnessExam™ provides **high definition cross sections of your retina** which can reveal ocular anatomy and signs of disease in exquisite and stunning detail. The iWellnessExam technology allows your doctor to see with **unprecedented clarity** what is invisible with traditional examination methods.

**iWellnessExam**  
Committed to Your Vision

## Common eye diseases that can be detected with regular iWellness exams

**Diabetic Retinopathy** is damage to the blood vessels in the retina caused by complications of diabetes mellitus.<sup>1</sup> It is a leading cause of blindness and affects 80% of all patients who have had diabetes for 10 years or more.<sup>2</sup>

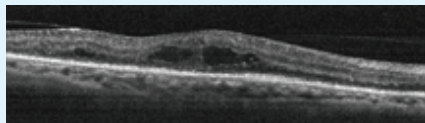


Normal Vision

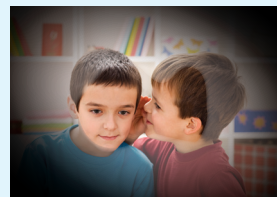


Your vision with DR

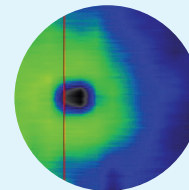
iWellnessExam  
Retinal  
Cross Section



**Glaucoma** is a disease in which the nerve fibers suffer damage,<sup>3</sup> permanently impacting vision in the affected eye(s) and progressing to blindness if untreated. It usually develops without obvious symptoms and is called the “sneak thief of sight.” There are 2.29 million American adults with glaucoma, yet 2 million more are estimated to have the disease and do not know it.<sup>4</sup>



Your vision with glaucoma



iWellnessExam Ganglion Cell  
Complex Thickness Map

**Macular Degeneration** is an eye disorder that damages the center of the retina (macula), making it difficult to see fine details. It is caused by damage to the area around blood vessels that supply the macula and is a leading cause of vision loss for Americans age 55 and older.<sup>4</sup>



Your vision with AMD

iWellnessExam  
Retinal  
Cross Section

