



DEL NEGRO & SENFT
EYE ASSOCIATES

Neptune

Brick

Red Bank

Ralph G. Del Negro, DO

Experience



- Board-Certified Eye Physician and Surgeon.
- Undergraduate Degree Lafayette College.
- University of Medicine & Dentistry of New Jersey—School of Osteopathic Medicine.
- Completed Resident training at Ohio University—Grandview Hospital.
- Fellowship training in glaucoma at the University of Louisville.
- Chief of Ophthalmology at JSUMC.
- Utilizes Microsurgical techniques for treating cataracts & glaucoma.
- Laser Vision correction Surgeon, including Refractive Procedures.

Make Vision Health A Priority

The Complete Eye Exam

During a **Comprehensive Eye Exam**, our team of eye doctors do much more than just determine your prescription for eyeglasses or contact lenses.

They also **check your eyes for common eye diseases and evaluate your eyes as an indicator of your overall health.**

WHAT CAN HAPPEN IF YOU DON'T TAKE ROUTINE CARE SERIOUSLY?

Treatable diseases like **Glaucoma** and **Diabetes**, if ignored, can cause permanent vision loss.

Staying current with your eye exams will not only help prevent serious eye conditions in the future, but can also reveal health problems that may otherwise go unnoticed.

Full Medical And Social History

- Establish your medical history
- Document your medications and past surgeries

GOAL OF YOUR ROUTINE EXAM

Discuss any **changes or concerns** regarding your vision.

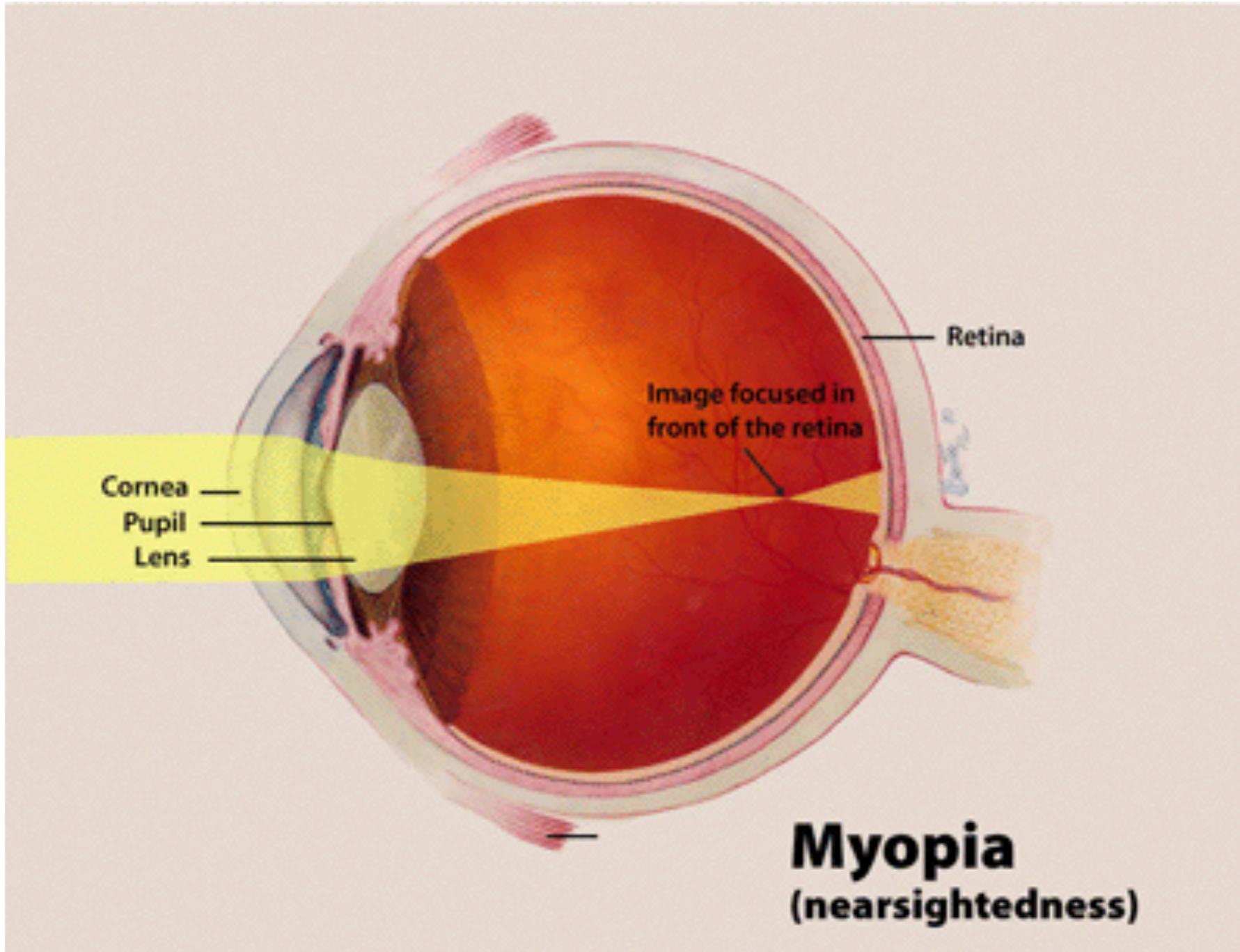
Ultimately, our doctors develop a **customized treatment plan** with your particular lifestyle in mind, in order to achieve your best possible vision.

A variety of options including **glasses and/or contact lenses**, will be discussed, depending on your candidacy.

REFRACTIVE ERRORS FAQ:

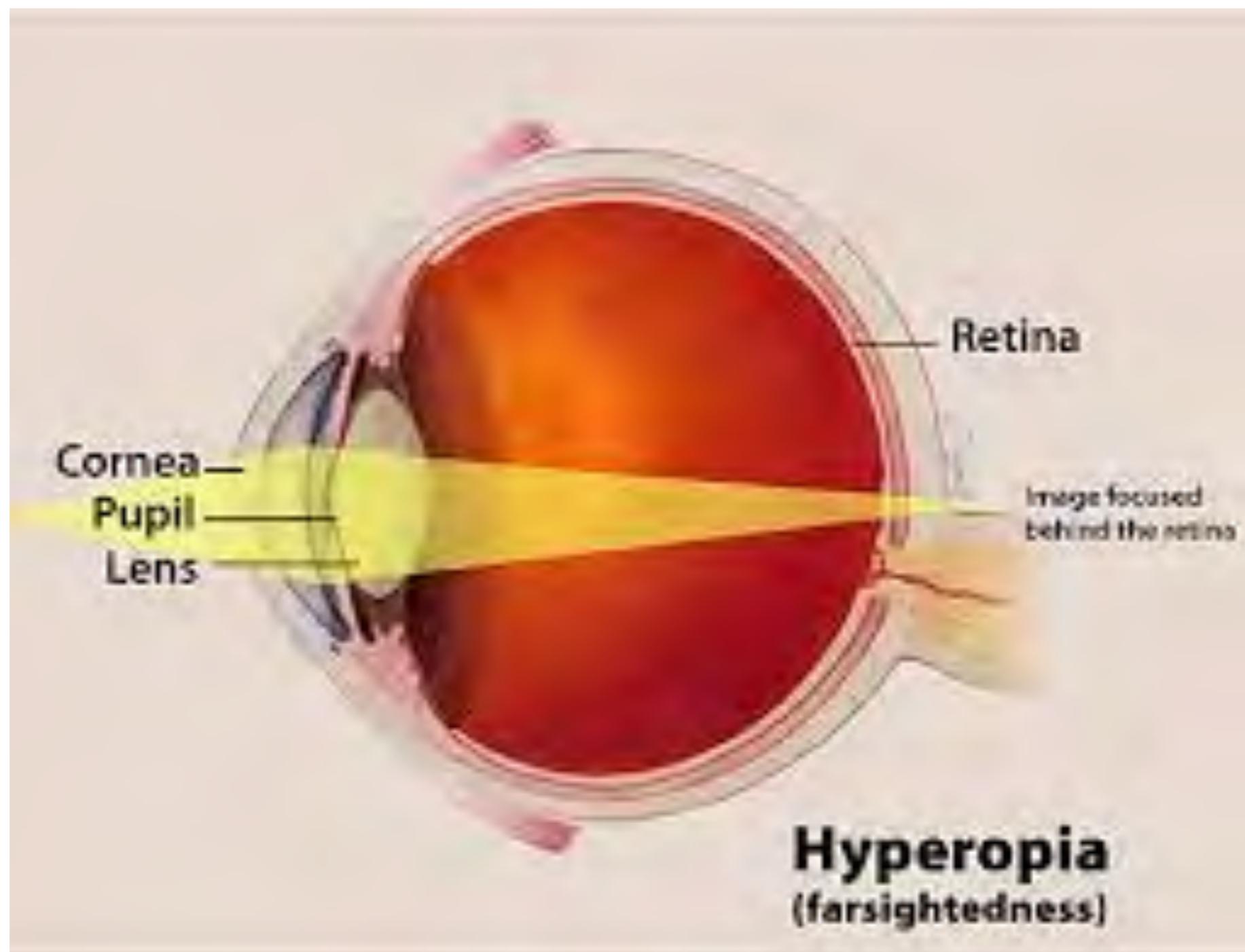
What is Nearsightedness (myopia)?

When the eyeball is **too long**, light rays focus in front of, rather than on, the retina. Under these circumstances, near objects are perceived clearly, but distant objects are not.



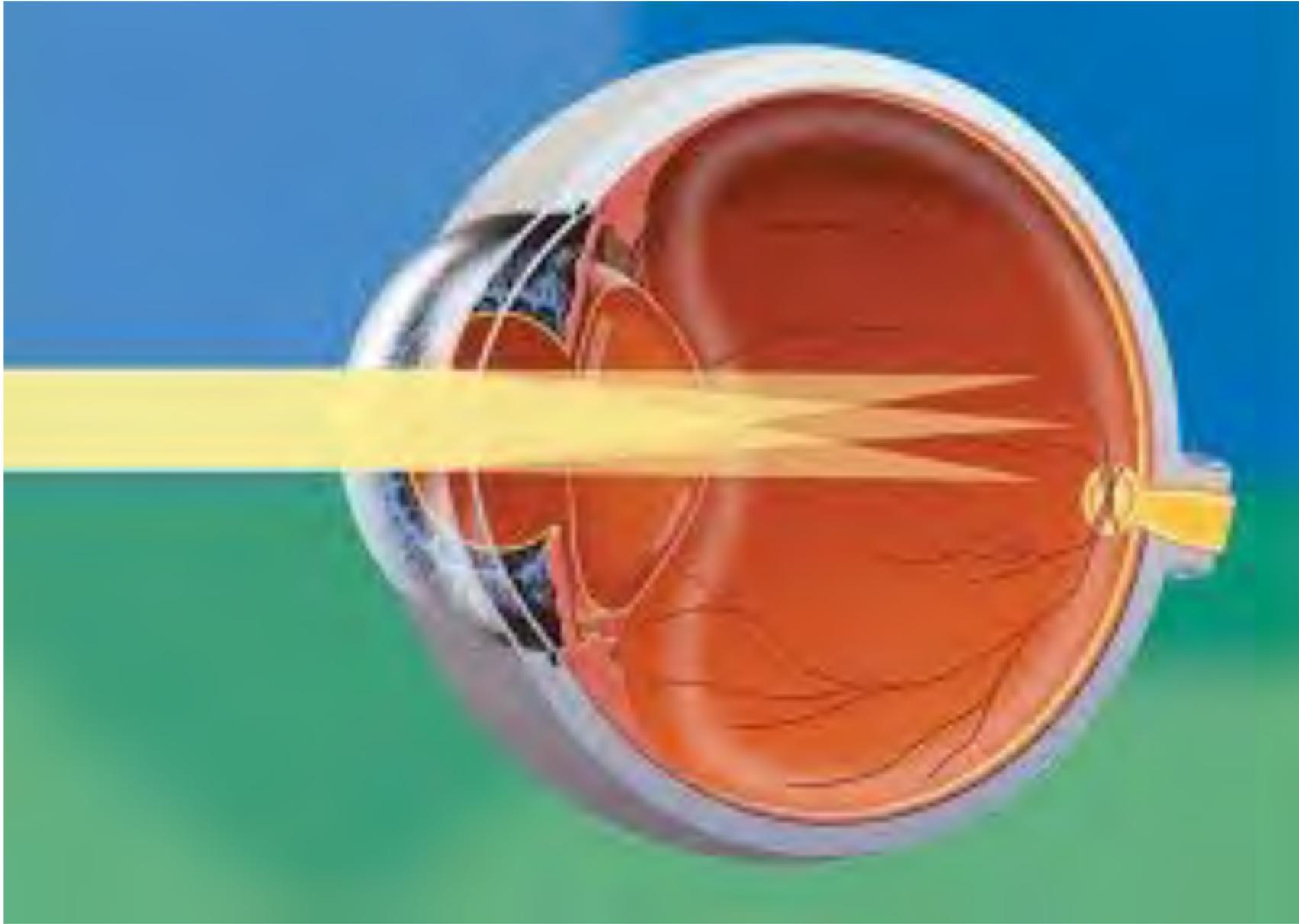
What is Farsightedness (hyperopia)?

When the eyeball is **too short**, light rays entering the eye focus behind the retina. Distant objects are seen clearly but near objects are not.



What is Astigmatism?

Vision becomes distorted when the surface of the cornea has an **uneven curvature**; sometimes it is the eye's lens that is irregularly shaped. This type of irregularity causes light to focus on more than one spot on the retina at the back of the eye, causing blurred vision.



ASTIGMATISM

Treatment Options for Refractive Errors:

- Glasses
- Contacts
- Laser Vision Correction
- When Cataracts Develop, Cataract Surgery

REFRACTION



This state-of-the-art system allows our doctors to **make a comparison between your current refractive error, your old prescription, and your new prescription.**

Vision diagnostic results are faster, yet more accurate than ever.

The end result is a precise diagnosis of vision exceeding expectations for consistency and accuracy.

This **refracting system** combines smart features such as an electronic refractor, auto refractor/keratometer, chart projector, and auto lensmeter.



PRESSURE CHECK

Glaucoma is a disease that can slowly destroy the delicate nerve fibers that carry signals from the back of the eye to the brain.

Generally, **high pressure** within the eye is responsible for the damage, but even patients with normal pressure can experience loss of this important nerve function due to glaucoma.

It's important to be **checked yearly** to ensure glaucoma is not present, because patients do not always feel the symptomatic elevated eye pressure as it slowly robs them of their sight. Because **it can be inherited**, if one family member has glaucoma, other family members should be checked.

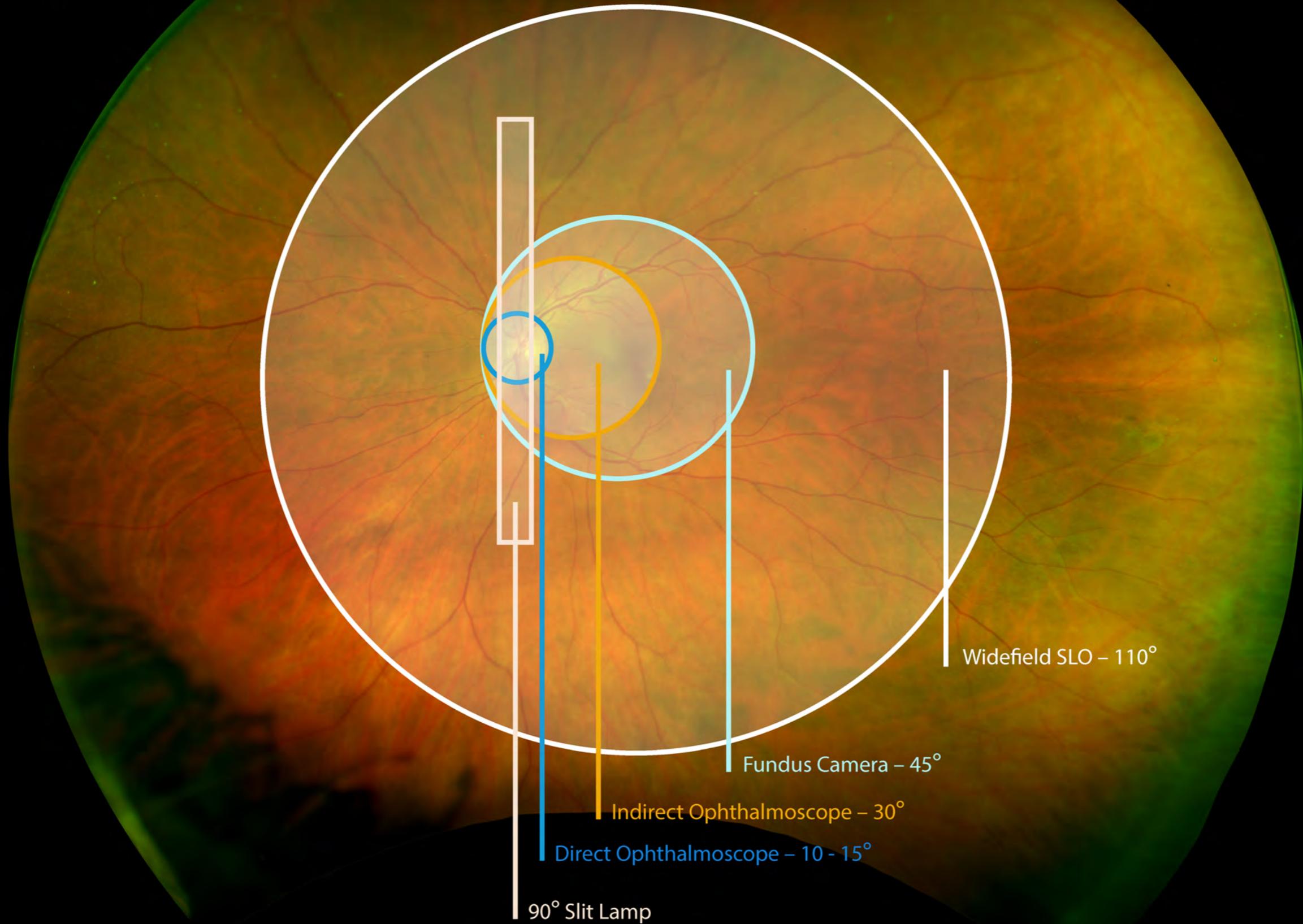


DILATION/RETINA



Sometimes
No Dilation
Necessary With
OPTOS

Comparison of Fields of View



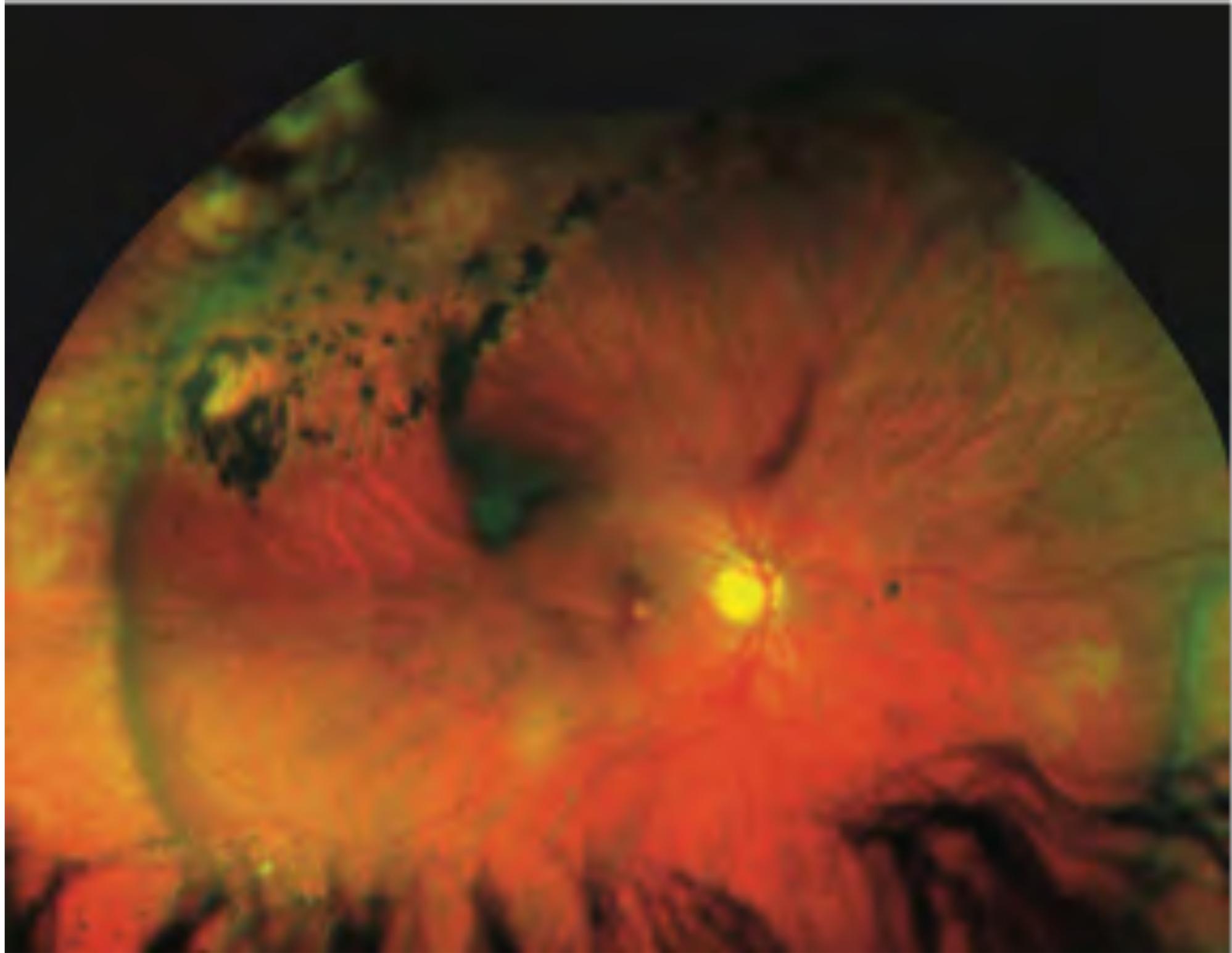
Widefield SLO – 110°

Fundus Camera – 45°

Indirect Ophthalmoscope – 30°

Direct Ophthalmoscope – 10 - 15°

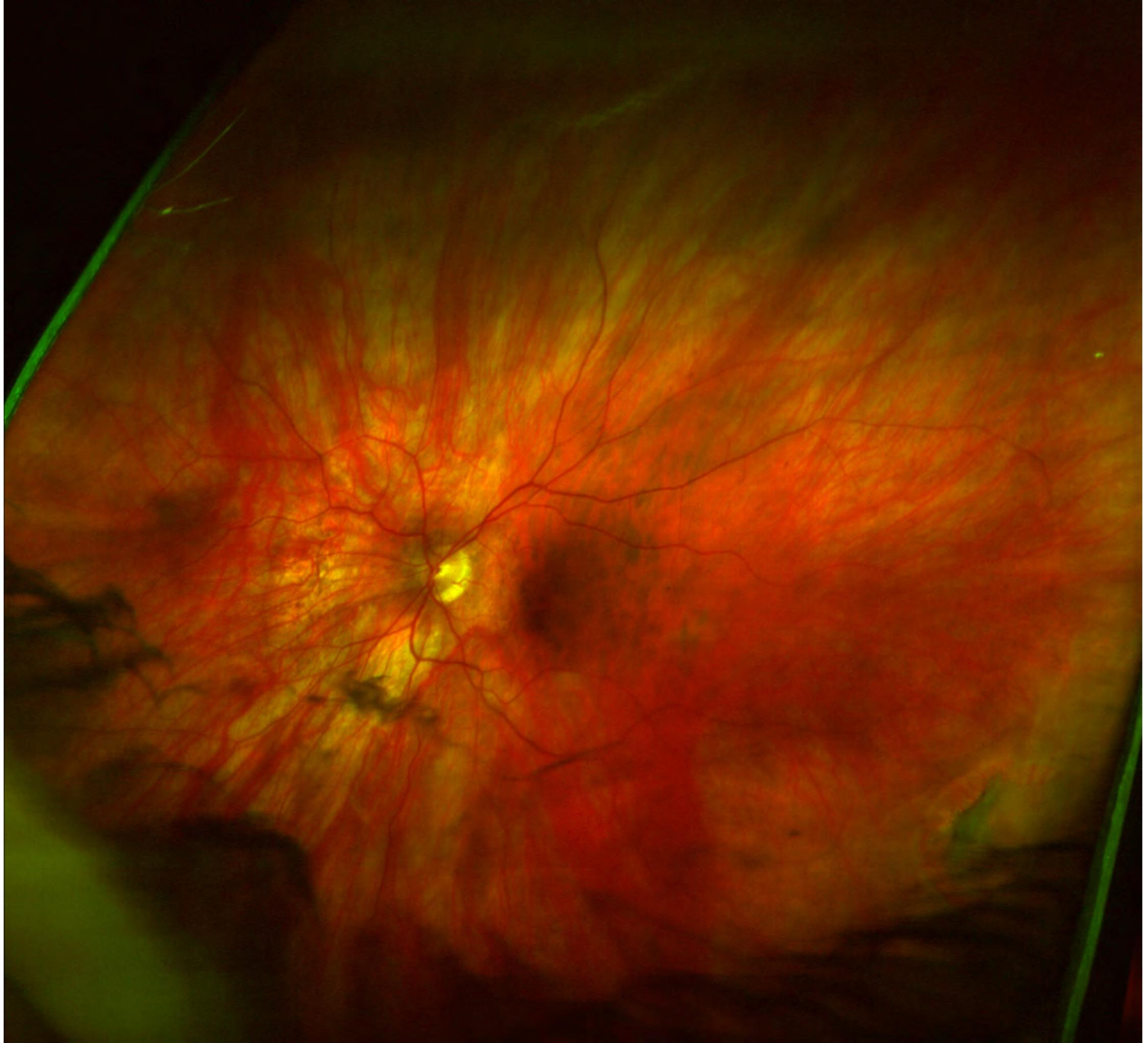
90° Slit Lamp

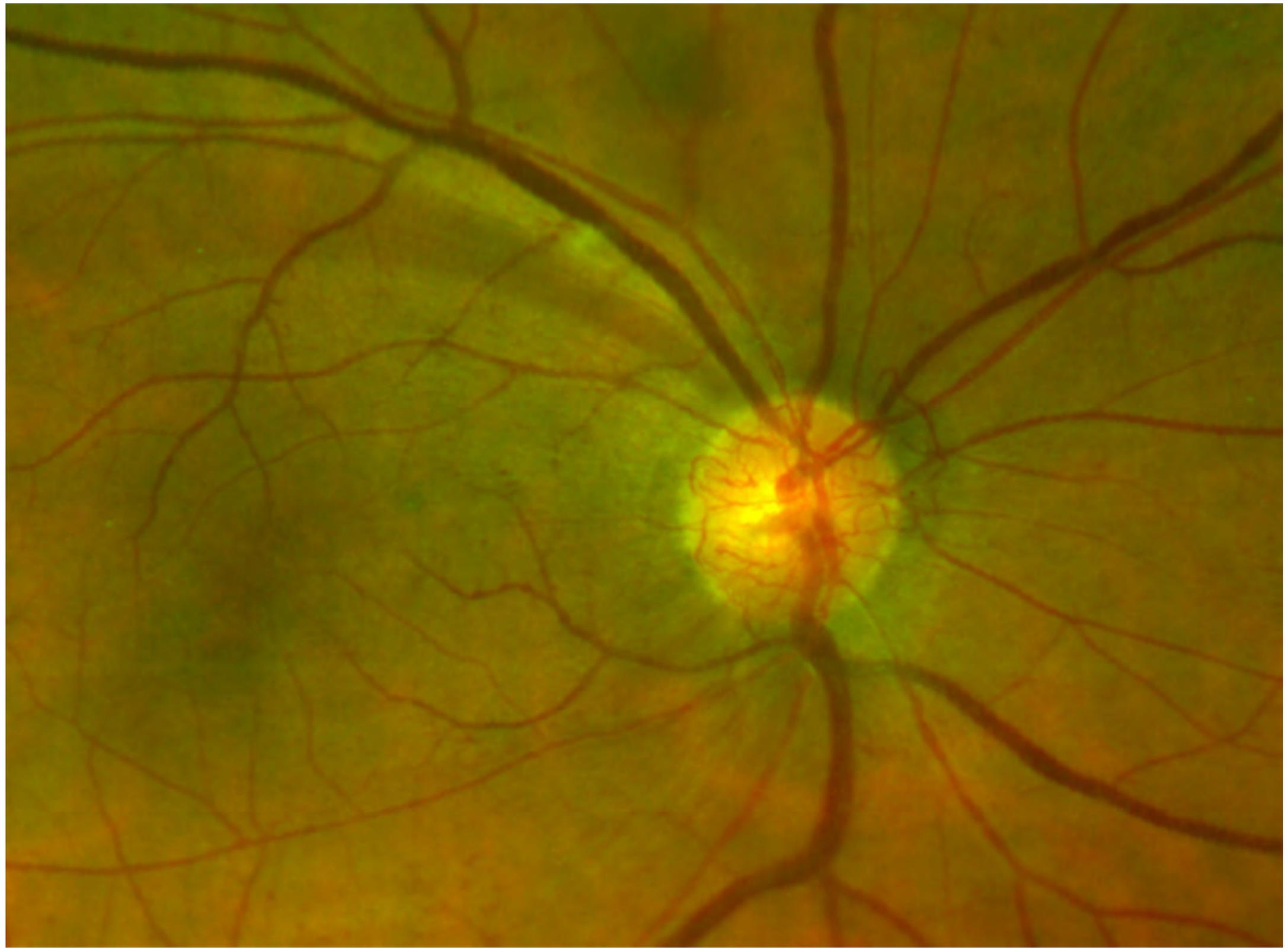


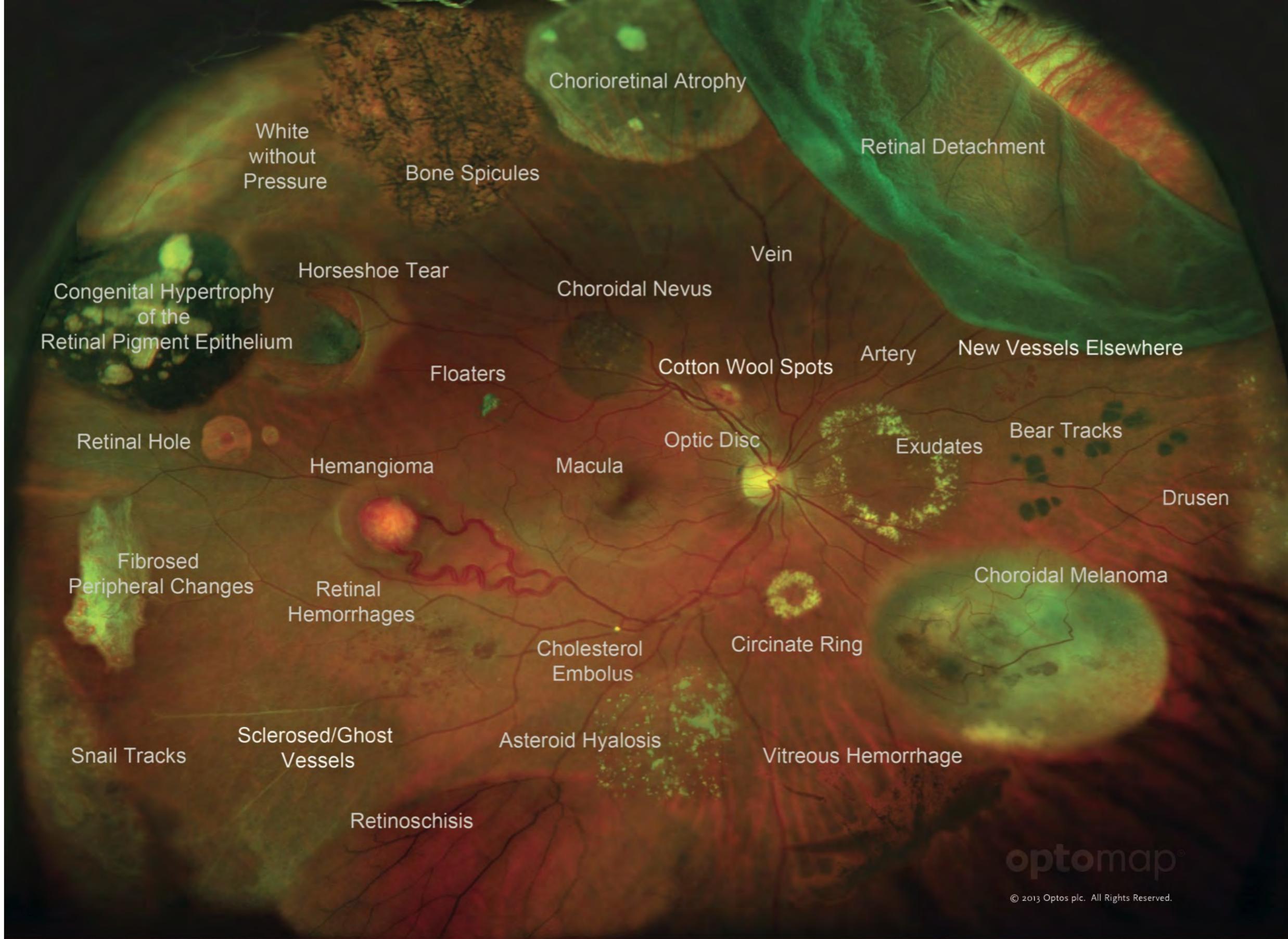
Optomap Plus



Macular Degeneration Optos Picture







optomap®

© 2013 Optos plc. All Rights Reserved.

DOCTOR CONDUCTS EXAM

- After all testing is complete your physician reviews all findings and speaks to you about your vision and what your visual goals are.
- Compares refraction from last visit.
Order additional testing, if needed.
- Glasses prescription is provided - expires in two years.
- Surgical Scheduling and Contact Lens Fittings may also be part of the exam, if it pertains to your situation.

Be proactive about your eye health.

Questions?