



Optical Coherence Tomography (OCT)

What is optical coherence tomography (OCT)?

- A non-invasive procedure in which the instrument never touches the eye
- An easy and comfortable procedure for all ages that takes about 10-15 minutes
- The process involves being seated in front of the OCT machine and placing your head in a resting position to keep it motionless. The equipment then scans your eyes
- Must be done with the use of dilating drops

What diseases can be detected from this procedure?

- Glaucoma
- Diabetes
- Macular degeneration
- Retinal holes and/or detachments
- And more

Why does this matter to me?

- The conditions listed above often progress without any symptoms. They can lead to partial loss of vision or blindness if left untreated
- Early detection is associated with more successful treatments

What are the benefits?

- Early detection of multiple diseases
- A detailed map of the retina's layers and a measurement of their thickness
- The opportunity to view and discuss the image with Dr. Vy at the time of your exam
- A permanent record for your file that can be compared from year to year

Who should get OCT?

- **EVERYONE!**
- However, it is especially important for those people with
 - Diabetes
 - Glaucoma
 - Macular degeneration
 - Strong eyeglass prescriptions
 - And many more!
- This procedure **cannot** be used successfully on patients with any condition that interferes with light passing through the eye, such as **dense cataracts** or **significant bleeding in the vitreous**.