

## RTVue100™ HD-OCT Testing

**Quick** – Less than a second to take the image, usually less than 15 minutes in the office overall

**Easy** – most patients do not need to be dilated to get a good picture

**Painless** – We use a beam of light that is in the near infra-red range to allow the **RTVue100 HD-OCT** to analyze the microscopic layers of your retina.

**Precise** – Your Doctor now will be able to exam and monitor your eyes for a variety of medical conditions.

The **RTVue100** is the first “High Definition” OCT machine FDA approved in the US. It measures the retinal nerve fiber layers of the eye, the tissue first damaged by disease. This HD-OCT is a significant breakthrough compared to existing tests. For example: Standard testing is ineffective for detecting glaucoma in half those patients diagnosed with the disease.

### Early Detection

Now there is a fast, comfortable and non-invasive way to detect certain eye diseases earlier and track them better; using the **RTVue100 HD-OCT** spectral domain analyzer. These exams show your doctor microscopic layers of the retina that provide detailed information not seen with any other test.

### What does it show?

The result of the exam is a color-coded “thickness map” of the nerve fiber layer of your eye along with microscopic layers of the retina. This provides important information to your doctor to help determine whether your eye has certain medical conditions and how extensive any disease seen is.



**Specific Medical Conditions can include but are not limited to patients with:**

- Age-Related Macular Degeneration
- Diabetic Retinopathy
- Diabetic Edema
- Glaucoma
- Cystoid Macular Edema
- Epiretinal Membrane
- Vitreous Detachments

**Are you at risk? Some Conditions are more common patients with:**

- Diabetes
- Very high near-sightedness
- A Family History of Certain Retinal Diseases
- Over the age of 40
- Who are African American
- Family History of Glaucoma
- Anyone with elevated intraocular pressure

### How is RTVue HD-OCT used?

RTVue HD-OCT is used to detect and track the progression of certain eye diseases. If your doctor determines your condition requires it, he or she will continue to use this exam to check for damage or changes in your condition. If you do not currently have disease, but are at high risk, your doctor may recommend that you be examined at regular intervals.

### Your Scan Date:

Call today to be scheduled!



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