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Ocular Coherence Tomography (OCT)

You've already heard of tomography; you've probably used the term yourself without realizing it. The CAT in CAT Scan stands for Computed Axial Tomography.

Tomography is simply the process of using computers to generate a three-dimensional image from two-dimensional X-ray pictures. A device used in tomography is called a tomograph, while the image produced is a tomogram. A tomogram is an image done in sections or by sectioning.

Tomography has become a widely used tissue imaging technique in many biomedical fields and is especially helpful in eye and vision care.

Ocular Coherence Tomography (OCT) is a system that uses a laser-scanning camera and specialized software to evaluate the health of your retinal system. We use OCT to perform retinal and optic nerve imaging, which we use to diagnose and monitor retinal conditions and to monitor nerve changes from glaucoma.

OCT is a non-invasive procedure and is completely painless. Because many diseases and conditions can damage your retina before you perceive visual problems, OCT helps with early diagnosis and treatment before irreversible damage has been done.

If you've already been diagnosed with a retinal disease or condition, OCT will help us more accurately manage your treatment and help us to keep your eyes healthier and your vision clearer.

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