

HRT- Optic Nerve Analysis

Glaucoma is a disease in which the optic nerve of the eye is damaged. It can lead to progressive, irreversible loss of vision. Optic nerve is being checked by ophthalmologists as part of a standard eye examination.



An optic nerve scan is painless and short. The computer-guided device will scan the back of your eye without ever touching your eye. Your doctor may obtain several scans. Once the scan is complete, a computer will analyze the data and compare your optic nerve to a database of normal optic nerves stored in its memory. It will indicate if your optic nerve is likely to be normal or if it looks like a glaucoma.

Glaucoma patients will check their optic nerve periodically. The computer will compare your scan results to earlier scans to determine if optic nerve measurements have gotten worse over time. Optic nerve scans are a new tool doctors can use both to identify glaucoma, and to make sure that treatments are working effectively to prevent further optic nerve damage and loss of sight.