Visual Field Test

Your visual field is the entire area that you can see when the eye is forward, including your peripheral vision. As most of us use two eyes, the overlapping fields allow you to see in an arc of 180 degrees. Certain diseases can cause a loss of visual field, and unless the defect is extensive, you will not be aware of it.

The Humphrey Field Analyzer 2 uses a computer-controlled, projected beam of light to map the visual field, which is then compared by a computer against a database of normal readings. The Visual Field test results are plotted on paper, extending about 90 degrees to the temple side, and 60 degrees to the nose side. Dr. Anderson will examine the Visual Field results, and from the type and location of the defect (if any) can tell where in the visual system the problem may lie. The field test is also used to monitor possible progression of diseases like glaucoma and can indicate if more intensive therapy (if any) is needed.

The test is done by a technician and takes approximately 30 minutes. Drops are not generally used, so your vision should not be affected.

Appointment date: ___________________________ Time: ___________________________

Optical Coherence Tomographer (OCT) Test

The Optical Coherence Tomographer is a type of scanning laser ophthalmoscope, which uses a low-powered laser and a computer to build up a three-dimensional picture of the optic nerve, macula, and other structures in the back of the eye.

The results are printed on a colour printer, and Dr. Anderson can use this information to aid in a diagnosis, monitor possible progression of certain diseases, and help to assess the effect of your treatment. The results are also stored on the computer, so if a subsequent test is required, changes can be evaluated by the computer, as well as the doctor.

The test does not use dangerous radiation and there should be no side affects. The OCT test takes approximately ten minutes to complete and will not affect your driving vision. In most cases, you do not need to have your pupils dilated.

There is no “pass” or “fail” on this test. Dr. Anderson will evaluate the results and discuss them with you on your next visit.

If you are taking Pilocarpine or Timpilo 2% or 4%, please stop taking them 24 hours prior to the test.

Appointment date: ___________________________ Time: ___________________________

All of Dr. Anderson's Care Instructions may also be viewed online at:
www.andersoneyesurgery.com