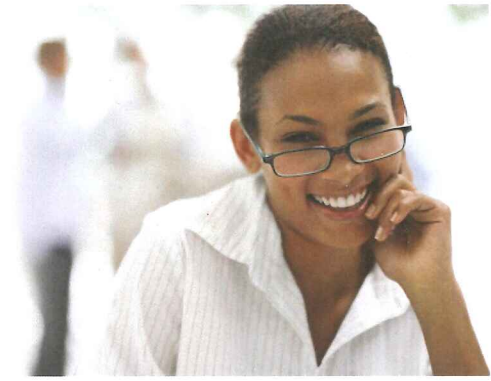


Your Eye Exam



An eye exam involves a series of tests and procedures designed to evaluate the vision and health of your eyes. Eye care providers have a wide variety of tests and instruments to assist them with their evaluations. Below is a list of some of the more common components of an eye exam. Based on your individual history and current symptoms, your eye care provider will determine which tests to conduct during your eye exam, which may or may not include in the ones listed here or may include additional tests.

Patient History

Gathering of information from the patient, including current symptoms, if any, general health issues, medications taken, occupation and environmental conditions, historical eye conditions, eye surgeries, and family history

Visual Health Evaluation

External Examination

Evaluates depth perception, color vision, eye and muscle movements. Also includes a visual inspection of the eyes for equal size and regular shape

Biomicroscopy

Exam used to check for infection, inflammation, glaucoma, macular degeneration, detached retina, cataracts, and injury to the cornea

Motility Evaluation

Examines eye movement alignment and the ability of the eyes to follow a target object

Pupillary Light Reflex

Tests the pupil's reaction to various intensities of light

Gross Visual Fields

Tests the central and peripheral vision

Tonometry

Measures the pressure inside the eyes and evaluates the risk for glaucoma

Internal Examination with Indirect Dilated and/or Direct Undilated or Dilated Ophthalmoscopy

Examination to determine the health of the lens, retina, and posterior section of the eye

Refraction

Visual Acuity

Measures the sharpness of how each eye sees using reading charts

Objective Refraction by Retinoscopy or Autorefractor and/or Subjective Refraction

Determines the lens power needed to correct any refractive error including nearsightedness, farsightedness, or astigmatism

Keratometry

The measurement of the anterior corneal curvature (as indicated for select contact lens wearers)

Binocular Function

Tests how well the eyes focus and work together

Diagnosis and Treatment Plan