

Pre-Testing/Diagnostic Machines

Auto-Refracton (ARK): Baseline prescription by measuring how light is affected as it reflects through the eye.

Non-Contact Tonometry (NCT): Measures the pressure inside the eye. Records the resistance of your corneas to the pressure.

Lipiscan: Analyze the health of the Meibomian glands. Could help indicate an abnormality or blockage of the glands.

Tear Lab: Measures the salt concentration in tears to aid in the diagnosis of dry eye diseases/ocular surface diseases.

Optos (screener = out of pocket): Takes a 200' image of the back of the eye, which is needed to document the health of the optic nerve, vitreous, macula & it's blood vessels.

Fundus (billable to medical): Same as above: done when pt has known medical diagnosis.

Visual Field (VF): Used in detection/diagnosis of Glaucoma, AMD, Scotomas & brain abnormalities. Test's the full horizontal and vertical field of peripheral vision, identifying potential diminished or blind spots (scotomas) in the patients' vision.

Optical Coherence Tomography (OCT): Non-invasive imaging tests. They use light waves to take cross-section pictures of your retina. With OCT, your ophthalmologist can see each of the retina's distinctive layers.

Oculus Keratograph: An advanced corneal topographer with a built-in real keratometer and a color camera optimized for external imaging. Unique features include examining the meibomian glands, non-invasive tear film break-up time and the tear meniscus height measurement and evaluating the lipid layer.

Parts of the Eye

Iris Controls the amount of light entering the eye

Pupil A hole in the centre of the iris where light enters

Cornea Transparent layer, refracts light rays into pupil

Humour Refracts light rays (aqueous/vitreous)

Lens Transparent, circular, biconvex structure, elastic, change shape to refract and focus light onto the retina

Ciliary Body Contains ciliary muscles that contract/relax to control the curvature of the lens

Choroid Pigmented black to prevent internal reflection of light, contains blood vessels to bring nutrients/oxygen and remove metabolic wastes

Retina Cones; colors in bright light. Rods; black and white in the dark

Fovea Largest concentration of cones, where images are usually focused

Blind Spot Devoid of photo-receptors and is insensitive to light

Eyelids Protects eye from physical damage, prevents excessive light from damaging tissues inside the eye

Sclera Tough, white outer covering, protects the eyeball from physical damage, covered by conjunctiva

Tear Glands Secretes tears to wash away dust particles, lubricate the eye, keep conjunctiva and cornea moist

Dry Eye Packages & Pricing

IPL	1 IPL	\$400
IPL-M	Mini-Hordeolum/Lid IPL	\$150
Zest	1 ZEST	\$100
Lipiflow	1 LIPIFLOW	\$750
IPL-P	5 IPL	\$1,500
IPL-L	5 IPL + LIPIFLOW	\$2,063
PKG-F	ZEST + 5 IPL + LIPIFLOW <i>"Goodbye, Dry Eye!"</i>	\$2,138
PKG-M	ZEST + 2 IPL + LIPIFLOW <i>"Hello Maintenance!"</i>	\$1,238

PKG-F: Includes Bruder Mask, AT's, Smarties & Water Bottle

PKG-M: Available ONLY with purchase of FULL package previously

Payment Options/Plans

#543500	Self Pay, Care Credit, FSA, HSA		
Paid in Full:	20% off products		
Full Package:	<i>(payments per appt)</i>		
1 st = \$1,069	2 nd = \$534.50	3 rd = \$534.50	
Zest/5 IPL Agreement:			
1 st = \$800	2 nd = \$400	3 rd = \$400	

Treatments are out of pocket, insurances do not cover

Refractive Status

Emmetropia	refractive state in a healthy eye in which, any individual achieves the perfect visual function.
Ametropia	refractive error is present, or when distant points are no longer focused properly to the retina. Such as Myopia.
Myopia	<i>Nearsightedness</i> - when close-up objects look clear but distant objects are blurry.
Hyperopia	<i>Farsightedness</i> - which distant objects are usually seen more clearly than close ones.
Astigmatism	imperfection in the curvature of your eye's cornea or lens. Vision is blurry at all distances
Presbyopia	the gradual loss of your eyes' ability to focus on nearby objects. It's a natural, often annoying part of aging.

Billing Codes/Pricing

Comp. Exam Est.	92014	\$155
Comp. Exam NP	92004	\$170
Refraction	92015	\$40
Follow Up	99213	\$75
Inside Consult	92012	\$
Outside Consult	99203	\$
Optos <i>out of pocket</i>	S9986	\$39
Fundus	92250	\$91
Tear Lab	83861	\$60
Oculus	92285	\$

Billing Codes/Pricing (cont)

Visual Field	92083	\$110
OCT Optic Nerve	92133	\$150
OCT Retina	92134	\$150
OCT Screening Package <i>out of pocket</i>	S99860	\$30
Optos/OCT Package <i>out of pocket</i>	S9986B	\$50
Pachymetry	76514	\$35
Gonioscopy	92020	\$45
Lasik Package <i>out of pocket</i>	S9986L	\$20



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