

## Refractive Surgery



Laser in-situ keratomileusis, or LASIK, is a safe and effective treatment for a wide range of common vision problems. It is currently the most frequently performed refractive surgery in the world. LASIK involves the use of a laser to permanently change the shape of the cornea, the clear covering of the front of the eye. In this manner the focusing system of the eye is re-shaped allowing the patient to see clearly without the need for glasses or contact lenses

## Biometry



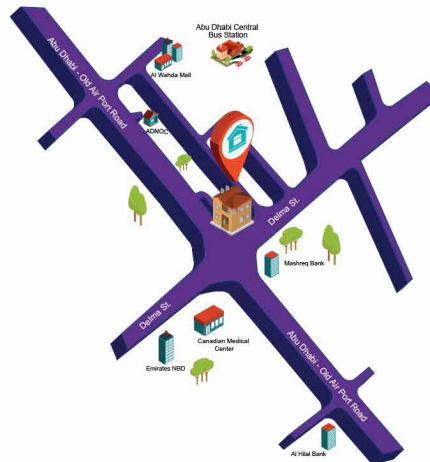
A Scan ultrasound used for axial length measurement and calculation of Intra Ocular Lens power.



Ahalia Eye Care

## Ahalia Eye Care Specialties and Services

Ahalia eye care – equipped with the state of art ophthalmic equipments to diagnose and treat all types of eye diseases and provide comprehensive care for your eyes and has a team of experienced Eye specialists backed by optometrists, nurses and paramedical staffs . specialists at Ahalia eye care have expertise in managing all eye problems such as Cataract, Glaucoma, pterygium, refractive errors correction (surgical (LASIK) & non surgical), conjunctival & corneal diseases, treating keratoconus, pediatric ophthalmic services and in performing anterior & posterior segment surgery, corneal surgery, phacoemulsification etc.



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AHALIA EYE CARE

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## Ophthalmology Service

- Management of refractive errors of all age groups.
- Management of blunt eye trauma.
- Screening of Glaucoma and Diabetic Retinopathy.
- Corneal and conjunctival foreign body removal using Slit lamp.
- Chalazion excision.
- Drainage of conjunctival and lid abscesses.
- Excision of cysts of eyelids and conjunctiva.
- Refractive surgery service
- Contact lens service (Soft,RGP,ROSE-K, Kerasoft)
- Pediatric ophthalmic service
- Pterygium excision &conjunctival auto graft
- Vitreo–Retinal services
- Cataract services (SICS& phaco emulsification )
- Cunjunctival & corneal tear repair
- Glaucoma surgery(Trabeculotomy)
- I&C
- Femto cataract
- Treating dacryocystitis
- Optical services
- Recording of intraocular pressure with applanation
- Tonometer & Non contact tonometry
- Fundoscopy
- Echo scan
- Perimetry
- A-scan Biomicroscopy
- B-scan
- Yag Laser
- Pachimetry
- Fundus fluorescein angiography(FFA)
- Auto Refractometry
- OCT
- Gonioscopy
- ORB scan and Zywave Abberometry

## Vision / Refraction

Refraction is done to estimate the power of the eye – to diagnose and treat myopia, astigmatism and hyperopia. The Autorefractometers give a calibrated reading of the spectacle lens powers as well as the corneal curvatures

## Glaucoma Service



Treat all stages of Glaucoma including congenital,narrow angle,open angle ,and normal tension glaucoma

Diagnostic Facilities:

Slit lamp examination

Gonioscopy

Optic nerve examination

Pachymetry

Automated perimetry

Retinal nerve fiber layer analysis

Ultrasound Biomicroscopy

Lasers

Yag laser iridotomy

Laser trabeculoplasty

Surgery

Glaucoma surgery(trabeculotomy)-with or with out

Mitomycin-C

## Colour Vision / Amsler

GridColour vision testing is done using Ishihara's charts. Amsler grid screening picks up any central vision distortion / pathology early.

## Slitlamp Examination



To detect abnormalities in the lid, conjunctiva, cornea, iris, anterior chamber, lens and anterior vitreous. In conjunction with a +78 or +90D lens, fundus examination is done as well.

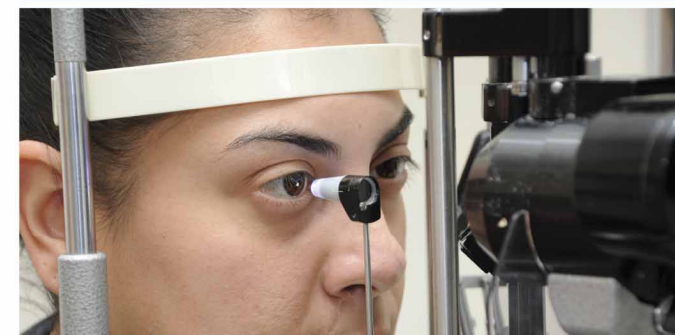
## Indirect Ophthalmoscopy



In this method light source emitted from a head mounted source is passed through a lens which is held approximately two to four inches from the patient's eye enabling the observer to obtain an inverted, laterally reversed image. Utilizing different objective lenses can vary the magnification of the image and the area viewed. The pupil is maximally dilated to get a clear view of the posterior segment.

Purpose: To screen and diagnose diseases of vitreous and retina

## Intraocular Pressure Recording



To measure the intra ocular pressure by Goldmann Applanation tonometry.

## Gonioscopy



Diagnostic-to identify any abnormal angle structure & to estimate the width of the chamber angle. This is particularly important in the management of eyes with narrow angles.