

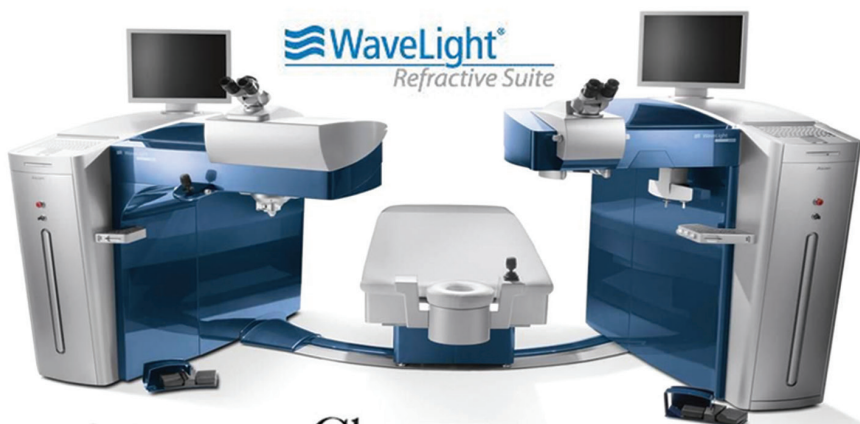
We at



**NATIONAL EYE CENTRE LAHORE**

**Introducing**

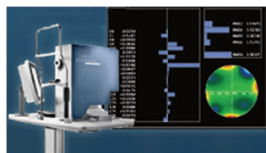
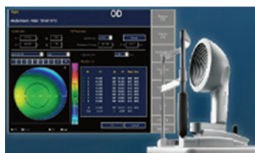
**WORLD'S MOST ADVANCE &  
STATE OF THE ART EXCIMER LASER**



**FS200**

Glasses got  
you down?

**EX500**



**Say Good Bye To Glasses & Contact Lenses**

**Complete Refractive Suite with Diagnostic**

FS200 (Lasik with Femto Second Laser) + Lasik with Microkeratome

EX500 (Excimer Laser) Topolyzer, Galelei & Specular Microscope

**NATIONAL EYE CENTRE LAHORE**

11-A, Sanda Road Near MAO College Lahore



## Ex500 Excimer Laser Machine

### Specifications:

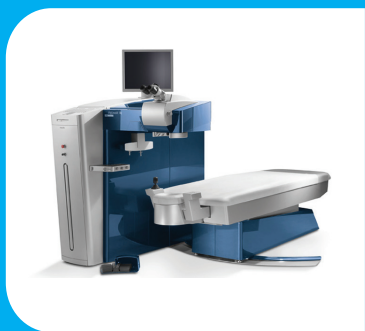
- Alcon Wavelight EX500 is the worlds latest, fastest and unique Excimer Laser facility which has brought a revolution in the field of Refractive Surgery.
- Having the frequency of 500 Hz, the duration of laser is only 1.4 sec/diopter which can complete this treatment in a few seconds.
- EX500 possesses an eye tracker having capability of 5D and 1050H which helps the laser beam to reach its target considering the natural movement of eye.

- This equipment have Wavefront optimized characteristics which treats each eye considering the Cornea deficiencies.

## Fs200 Femto Second Laser Machine

### Specifications:

- FS200 which is a unique surgical equipment of LASIK (Femto-Lasik) surgery is capable to develop Flap in an easy manner and this laser machines conducts its operation in a few seconds only.
- Now people using High Power spectacles as well as having high cylindrical axis number, can undergo laser treatment at this facility.
- This equipment not only corrects the most high powered number, but also addresses the Cylindrical number.
- The Perfect Pulse helps in addressing the difficulties of vision faced in the darkness and low light.



## Moria Microkeratome Evolution 3E Lasik Machine

### Specifications:

- Moria Evolution 3E is unique, latest & safest machine for traditional LASIK surgery.
- Moria Evolution 3E is a surgical equipment, which used for developing of flap in LASIK surgery with microkeratome BLADE. Which create blade cut

flap safely in a seconds.

- Recommended for healthy cornea and spherical numbers.



# PROCEDURES:



**PRK** (Treated without using Lasik technique)

**Procedure Cost : 50,000/-**

Which include all pre and post opd's and diagnostic scans

The technique is based on surface layers photo-ablation of the cornea to change its curvature and focus the light on the retina. This procedure surface epithelium membrane of the cornea is removed with a special instrument. Then the laser ablates the surface of the cornea correcting the refractive error. At the end of the surgery the surgeon puts a bandage contact lens to help the epithelium healing within the next three or four days. It will take two or three weeks to stable the visual acuity.

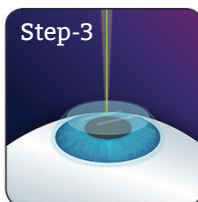
## PRK PROCEDURE



Alongside numbing drops, and alcohol solution is placed on the eye to help soften the cornea.



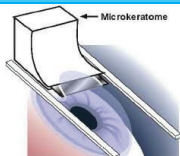
The surgeon then smooths the surface of the cornea with a special surgical instrument



An excimer laser is then used to precisely reshape the curvature of the cornea's surface



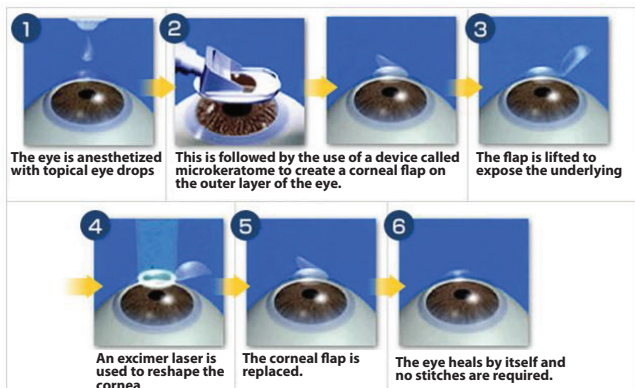
A bandage like soft contact lens is then placed on the cornea to help protect the eye as it heals



**LASIK** (with Microkeratome)

**Procedure Cost : 85,000/-**

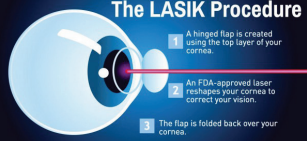
Which include all pre and post opd's and diagnostic scans



- In this technique, prevent the epithelium membrane (Upper layer of cornea) by making a flap with keratome blade.
- After making the flap, lift-up the flap and apply excimer laser to correct the refractive error accordingly.
- Then re-place the flap again with a special instrument to heal itself. (No bandage required)

# PROCEDURES:

## The LASIK Procedure



**LASIK** (with Femto Second Laser)

**Procedure Cost : 1,30,000/-**

Which include all pre and post opd's and diagnostic scans

- In this technique, prevent the epithelium membrane (Upper layer of cornea) by making a flap with Femto-second LASER.
- With Femto-second laser, we can create a better, smoother & customized flap than a blade create flap. Very efficient for large spectacle numbers i.e. (-14 and +6).
- After making the flap, lift-up the flap with a special instrument and apply excimer laser to correct the refractive error successfully.
- Then re-place the flap again with an instrument to heal itself. (No bandage required)
- This procedure takes few hour to heal and patient get perfection on next day

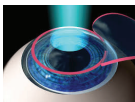
## FEMTO-LASIK PROCEDURE

### Step 1



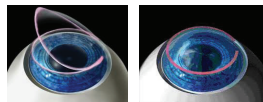
A flap is created with a highly precise femto-second laser

### Step 2



The flap is gently folded back, exposing the inner corneal tissue to be created. An excimer laser re-shapes the corneal tissue, correcting the refractive error.

### Step 3



The flap is returned to its original position. Protecting the eye like a natural bandage.

**IN ALL PROCEDURES, THE OPERATION IS PERFORMED WITH ANESTHETIC DROPS AND IS PAINLESS DURING PROCEDURE.**



## NATIONAL EYE CENTRE LAHORE

Providing a complete "One Window" solution in this regard. Here world's latest and state of the art Refractive Laser Suite and a team of competent and highly skilled eye surgeons are available.

**FOR FURTHER INFORMATION :-**



042-37171681~4



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/nationaleyecenter



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