

Femto LASIK

The Femto LASIK is a commonly performed procedure worldwide with excellent post-operative results

Femto LASIK is the most advanced flap surgery technique. Your Rutnin-Gimbel ophthalmologist opens and folds back a flap on the surface of the cornea with a Femtosecond laser. With an excimer laser, corneal tissue is then removed point by point in a few seconds to correct visual defect. Your ophthalmologist can then return the flap in the original position.

Femto LASIK surgery is widely performed on all continents, supported by ophthalmologists for its multiple benefits:

- Much smoother surgical experience than 1st generation of laser vision correction
- Reduced post-operative ocular discomfort and a quicker return of the visual stability
- Quick visual recovery
- Very rare post-operative effects linked to flap technique

Femto-LASIK, the last step of LASIK technique before brand new **ReLEx SMILE**, brings additional comfort, replacing precision instrument by a laser to prepare the flap.

Detailed Steps of Femto LASIK Surgery

Step 1 : Flap Creation

The Eye is anesthetized with special drops. Femtosecond laser pulses are used to create a flap on the surface of the cornea.

Step 2 : Flap is folded back

The prepared flap is folded back like a page of a book, exposing the inner corneal tissue to be treated

Step 3 : Corneal sculpting

An excimer laser is used to remove the corneal tissue point by point within a few seconds, correcting the visual defect

Step 4 : Flap is repositioned

Afterwards, the flap is returned to its original position, protecting the eye much like a natural bandage

Who can be Candidate?

General Requirements

Rutnin-Gimbel ophthalmologists strictly apply Rutnin's ethics in eye surgery and make sure first that any patient meets following general conditions, whatever the treatment could be:

- 20 year old minimum
- In good health overall
- Good eyes condition (no eye disease)
- No pregnancy, no breast feeding

Candidates for Femto LASIK treatment

If the patient meets all prerequisite conditions, Femto LASIK can be proposed as treatment for:

- Myopia, for refraction up to -12 D (including astigmatism up to 6 D)
- Hyperopia, for refraction up to +3 D (including astigmatism up to 6 D)

Rutnin-Gimbel ophthalmologist will determine during the thorough pre-operative examination if the eye conditions enable and require a Femto LASIK treatment.