

The Smile **ReLEX**

**Femtosecond
Laser Correction**

**Experience
The Next
Generation
Laser Vision
Correction**



**Mehta International
Eye Institute**

Managed by
KRM Eye Institute Pvt. Ltd.

Padmashree

Awardee

Prof. Dr. Keiki R. Mehta

M.B.B.S., D.O.M.S., M.S. (Ophth), D.O. (Ireland),
R.C.P. & S (Ireland), D.O. (London), R.C.P. (London),
R.C.S. (England), F.A.I.C.O, F.N.E.R.F. (USA),
F.R.S.H. (London), F.I.C.O.R, F.I.O.S (USA)

Consultant Ophthalmic Surgeon

Medical Director & Chief

Mehta International Eye Institute

Breach Candy Hospital & Research Centre

D. Y. Patil Medical College and Hospital

ReLEX Smile,

Bladeless,

Flapless,

Painless,

All Laser Correction



Why Have A ReLEx SMILE Laser Done

Your eyes deserve the very best.

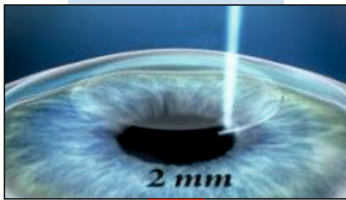
- Seeing is living. And we live through our eyes. They capture every moment, every experience life has to offer. It is said the real beauty of a smile lies in the eyes. So why let anything else get in the way of your SMILE? Well, with ReLEx, you don't have to anymore!
- ReLEx SMILE is a breakthrough in laser vision correction offering a whole new level of precision, safety and comfort. With ReLEx SMILE you can look forward to superior visual outcomes that no other correction techniques can offer. In fact, you might just experience the world through a whole new lens - your natural



What is the ReLEx SMILE Femto Second Laser

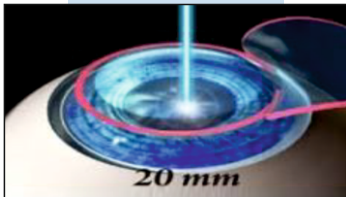


ReLEx Smile



v/s

Lasik



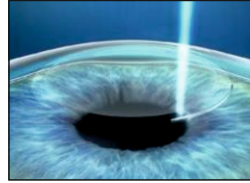
Your eyes deserve the very best.

- ReLEx SMILE is an innovative treatment technique designed by Carl Zeiss, Germany, for precise and sensitive treatment of vision defects. For the first time
- ReLEx SMILE offers patients the possibility to undergo refractive correction without the need for a flap cut.
- The procedure, is the first and only bladeless and flapless minimally invasive 3D technique to visual freedom.
- Older vision correction techniques involve making a thin flap on the cornea and folding it back, allowing the tissue to be removed, point by point, using an excimer laser.
- ReLEx SMILE is different. The procedure involves the creation of an extremely thin 3D layer in your intact cornea, corresponding to your refractive number that needs correction. Entirely laser controlled, it is done in a few seconds - precise, safe and comfortable.

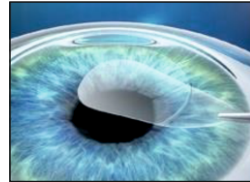
Advantages of doing ReLEx SMILE Laser

1. The cornea surface is left untouched, preserving its biomechanical strength and stability better than other techniques.
2. Inflammation is reduced to negligible as the total laser energy used is upto 10 times lesser than an excimer laser.
3. Likelihood of dry eyes is significantly lowered, since no flap is created.
4. There is no use of surgical cutting instruments and involves no change of equipment during the treatment.
5. The entire process takes place in one easy step with unmatched precision for an excellent visual outcome.
6. Since this procedure is minimally invasive, it involves minimum intervention and therefore less after care is required, enabling you to enjoy your new visual sensation right from day one.

SMILE with VisuMax



A refractive lenticule and small incision are created inside the intact cornea - all in one step.



The lenticule is subsequently removed through this small incision, leaving the remainder of the superficial cornea intact.



Removing the lenticule changes the shape of the cornea, thereby achieving the desired refractive correction.



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Knowing Prof. Dr. Keiki R. Mehta



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Consultant Ophthalmic Surgeon
Medical Director & Chief
Awarded **PADMASHREE** by the
President of India in 2008
for Exemplary Surgical Skills and his
outstanding Achievements and Research
in Ophthalmology

- ◆ Received the "ASCRS Honored Guest Award", the highest recognition award by the American Society of Cataract and Refractive Surgeons, (ASCRS), the world's largest ophthalmic society, at the ASCRS Annual Symposium held in Boston, USA this April, 2014 by the President of the Society, Prof. Dr. Eric Donnenfield.
- ◆ Awarded the Antonio SCARPA Medal and Oration of the Italian Ophthalmic Society, which is the highest honor given by the Italian Ophthalmic Society for outstanding Work, Research, Outstanding Surgical Skills in Ophthalmology by the President of the Society, Prof. Matteo Piovella in Milan, Italy, May 2014.
- ◆ He has been honored by the Swiss Eye Research Foundation, by the President of the Swiss Ophthalmic Society, Prof. Bojan Pajic at the recently concluded Congress EyeAdvance Focus conference, June 2014.
He is the only Indian to be elected a Member of the Legion d' Honor of the Instituto Barraquer, Barcelona, Spain
- ◆ Prof. Dr. Keiki R. Mehta is India's foremost Consultant Ophthalmic Surgeon, and is The Surgical Chief & Medical Director of The Mehta International Eye Institute, Colaba, Mumbai, considered to be Asia's most advanced and foremost Ophthalmic Institute, and specializes in Cataract, LASIK, Glaucoma, Squint, Lazy Eyes, Keratoconus, Retinal surgeries and treatment. An outstanding researcher and clinician, he has extensive experience of Excimer Laser, PRK and LASIK techniques which he has done on over 11000 patients over the last 15 years.
- ◆ Prof. Dr. Keiki Mehta is the only distinguished Indian Ophthalmic surgeon to be ever invited to Operate Live at Video Cataracta in Milan, Italy, where only the best of the best are invited, at Europe's biggest Live Surgery Conference
- ◆ Prof. Dr. Keiki R. Mehta is considered India's foremost Ophthalmic surgeon, and has conducted Live Surgical workshops in every major city in India, and has trained thousands of doctors in Intraocular implant surgery and Phacoemulsification and Laser refractive surgery including Lasik

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Knowing Prof. Dr. Keiki R. Mehta



Prof. Dr. Keiki R. Mehta
receives the Grand Honors award from the
ASCRS in Boston at the hands of the
President Prof. Eric Donnenfield



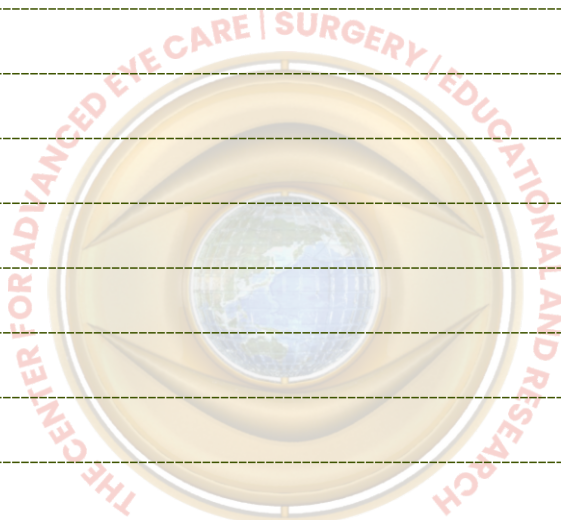
Prof. Dr. Keiki R. Mehta
receives Leading International
Ophthalmological Award from
Swiss Eye Research Foundation Award



Prof. Dr. Keiki R. Mehta
presented the Prestigious
Antonio Scarpa Medal in Italy.

- ◆ The American Implant Society awarded him its Appreciation Award, at San Francisco for pioneering Soft Intraocular implants for the first time in the world.
- ◆ He has received Grand Honors Award from the National Eye Research Foundation, Chicago, USA, the only Indian to be ever awarded.
- ◆ Presented the prestigious Lim International Award from the Asia Pacific Intraocular Implant Association for outstanding work in Ophthalmology in the Asia Pacific Region, the only Indian to be presented this award.
- ◆ Awarded the Triple Ribbon Award of the American Society for Cataract and Refractive Surgery, USA, for Outstanding Research presentations in Ophthalmology.
- ◆ Presented the Outstanding Recognition Award by International Council of Cataract Surgeons for Outstanding Research & Development in Cataract Surgery, award presented at Barcelona, Spain. Presented advanced research papers on Lasik Internationally and won the Outstanding Presentation Award at San Diego, USA.
- ◆ He is the winner of 11 Gold Medals in India, having received virtually all the Honors possible, has been the President of the All India Ophthalmologists Association and President of the Intraocular Implant and Refractive Society among many others.
- ◆ Chairman and Organizing Secretary of the very successful EyeAdvance Congresses for the last 26 years 1996-2023 These have now reached an iconic status and are recognized worldwide.

Notes





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Scan for website



Scan for Location



**Mehta International
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Sea Side Building, 147, Shahid Bhagat Singh Road,
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