Rutin-Gimbel Lasik Centre

The Rutin-Gimbel Lasik Centre integrates over 40 years of experience in eye care from the prestigious Astra Eye Hospital with the world-renowned research and development expertise of the Global Eye Centre of Canada. Astra Eye Hospital is one of Thailand’s pioneers in using Excimer Laser to correct eye problems. By combining the latest Eye Lasik technology, a few laser treatments in minutes to see Excimer Laser Technology, sets new standards of excellence for eye treatment throughout the world.

These two leading institutions in LASIK insist on the highest standards for top quality treatment and care of your eyes.

Our Unique Qualifications

- Vast experience as laser specialists, more than 40 years experience in laser eye surgery and treatment.
- We are the first institution in Thailand to use the Nikon Zyoptix 100, the first technology in the world that allows correction to an iris recognition and 100% accuracy during laser surgery. The Zyoptix technology with U.S. FDA approval allows our doctors to provide the most accurate and safe treatment possible.
- We provide every alternative in your care to provide the best possible treatment for each one’s patient’s eyes. Therefore, we use our patients’ particular needs, we offer ALK, PRK, LASIK, intracorneal lens implants, and refractive lensectomy.
- We use our optimized collection and analysis of medical data to provide in consultation and exchange of information with Gimbel Eye Centre, which has collected one of the most extensive databases on LASIK eye treatment in the world. This extensive database from a network of associated institutions ensures that Rutin-Gimbel Lasik Centre can provide the most up to date treatment.
- Our expert team of ophthalmologists at Astra Eye Hospital, from every sub specialty of the eye, is ready to provide further consultation and care.
- Our service has received ISO 9001:2000 certification, with our experienced staff always available to give assistance and advice.

Options to Correct Your Eyesight

1. LASIK (Laser In Situ Keraatomileusis)
   - It is a surgical procedure that can correct most cases of nearsightedness, farsightedness, and astigmatism by changing the shape of the eye to its desired condition. The procedure combines small incision surgery using a laser to create a flap on the cornea’s surface, which opens the inner cornea to be removed as reshaped in the Excimer Laser. After the laser surgery, the corneal flap is in its original place where it sealed with no stitches, the cornea is fully repaired. Vision is restored.

2. PRK (Photorefractive Keratectomy)
   - It is a procedure to correct low or moderate degrees of nearsightedness, farsightedness, and astigmatism. The Excimer Laser is used on the cornea’s surface to reshape the cornea.

3. LASEK (Laser Epithelial Keratomileusis)
   - LASEK is normally used for people with corneas that are too thin or flat. It is a method where a thin epithelial layer of the cornea is removed. Corneal tissue is then removed using Excimer laser, and PRK. The forward edge of the cornea is replaced to the original position at the end of the surgery.

4. Laser Jones Refractive Surgery
   - It is a surgical procedure to treat high myopia, astigmatism, and hyperopia. Instead of removing the cornea, some internal tissue is reshaped in the eye. The procedure is designed to be placed permanently in the eye, augmenting the front surface of the reduced eye. The technology of this process is known as removing high myopia.

5. Refractive Surgery
   - It is a procedure that is performed using artificial lenses inserted into the eye. Refractive Surgery is appropriate for people above age 18 who are waiting for developing cataracts.

New Vision

To provide the best possible treatment, we provide preoperative and postoperative consultation, to make our patients have the best vision. Our patients can be absolutely certain that we are giving the best treatment. Although the eye makes differently when its focal change position, the Zyoptix 100 Laser machine can see the focal position, which is set at the exact angle, so the patients are free from the chance of accuracy and safety with Zyoptix technology.

3D Mapping
- The Zyoptix 100 is a system that maps the whole eye, including the pupil, iris, and sclera. It allows for a more accurate and efficient laser procedure for patients.

Contact Lens Made
- The Zyoptix 100 has a new more efficient laser that is easier to use and fit for all eyes, so the time you save under the laser can be increased to 20%. This is very helpful in gaining confidence and accuracy in your treatment, and greater comfort for you.

Treatment Planner
- It is a program that was designed to meet the individual characteristics and needs of each eye, thus ensuring the greatest efficiency in treatment. Treatment is assessable even for those with large eyes, while they receive a different result in right and left eyes.

World’s First Iris Recognition Technology for Greater Accuracy and Safety

Unique characteristics that distinguish the Zyoptix 100 system from other Zyoptix and other systems

Iris Recognition
- It is the link that is evident to the eye. The Zyoptix 100 system uses the iris’ reflection to create a holographic image, which is used to compare the images of the eye. The system uses the iris’ reflection to create a holographic image, which is used to compare the images of the eye.

2D Mapping
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