

Near Vision

Presbyopia Treatment

Innovative Solution...No more eyeglasses

The Rutnin-Gimbel Near Vision Centre is an eye center specializes in treating presbyopia patients who do not wish to wear eyeglasses for reason of convenience and comfort.

In people younger than 40 years old, the focus of the lenses in the eyes easily adjusts to provide clear near and distant vision. However, in patients older than 40 years old, this natural ability to bring near objects into focus diminishes, resulting in reduced reading ability or blurred near vision, while distant vision remains unchanged. This is called Presbyopia. It can be improved by using eyeglasses or contact lenses. For those who are starting to experience the problems of presbyopia and do not want to start wearing eyeglasses, Rutnin-Gimbel Near Vision Centre offers two treatments for presbyopia: Near Vision CK and Near Vision LASIK which is the latest most advanced solution, using innovative technology which has been proven very safe and has minimum side effects.

Near Vision CK

Conductive Keratoplasty (CK) is the latest method of treatment for presbyopia using radiofrequency technology to reshape corneal curvature without the cutting or removal of corneal tissue. The treatment is carried out using a very small probe of 90 x 450 microns applied to peripheral cornea in a circular pattern at 8 points, 16 points, 24 points or 32 points, depending on the eyesight. The probe then releases radiofrequency of 350 KHz to shrink small areas of collagen protein of the cornea, creating a constructive band, resulting in increased corneal curvature and correction of the deviation of focusing light in accordance with the ophthalmologist's prescription. CK treatment for presbyopia is the newest and safe technology which has been approved by the U.S. Food and Drug Administration (U.S. FDA.)

Who is near vision CK right for ?

- Patients aged 40 years and older.
- Patients with stable eyesight : less than 0.50 D change for approximately 1 year.
- Patients with the following vision problems:
 - Farsightedness or presbyopia not exceeding 2.25 D
 - Astigmatism not exceeding 0.75 D
- Patients experiencing blurred near vision, i.e. reading
- Patients without eye injuries or complicated eye symptoms, e.g. keratoconus, diabetes, Rheumatism and lupus
- Patients who are not pregnant or breast feeding
- Patients not being treated medically, e.g. taking steroids, being treated for cancer, NSAID and some types of hormone therapies
- Patients without symptoms of severe dry eyes
- Patients without pacemakers
- Patients with no history of unusual scarring, such as keloids

Advantages of Near Vision CK

- Treatment takes no longer than 2-3 minutes per eye and uses only topical anesthesia (Eye drops). There is no need to stay overnight in the hospital
- Being able to see clearly within a short time
- Minimum side effects
- CK does not require lasers or any cutting surgery
- No need for anesthetic injection or stitches
- Can be combined with other eye treatments to get the best results

Side Effects

CK is minimally invasive procedure with minimum side effects. There is no record of eyesight loss from this treatment. Side effects include blurred vision during the first few days and the possibility of symptoms of astigmatism may occur, in which case the ophthalmologist will decide whether further treatment is needed. The results of treatment may be less or higher than expected and about 5% of patients do not respond to the treatment at all. If the response is inadequate, additional surgery may be done to enhance the result at one month after the first surgery .

Near Vision LASIK

Near Vision LASIK treatment is suitable for presbyopia and no nearsightedness. It is a surgical procedure by changing the shape of the cornea to its desired curvature. The procedure combines corneal flap surgery using a precise cutting instrument called a microkeratome, which opens the inner corneal tissue to be removed or reshaped using the Excimer Laser. After the laser surgery, the corneal flap is put in its original place where it heals with no stitches. The cornea is fully healed within 24 hours.

Who is Near Vision LASIK right for?

- Patients aged 40 years and older.
- Patients with stable eyesight : less than 0.50 D change for approximately 1 year.
- Patients with the following vision problems:
 - Farsightedness or presbyopia not exceeding 2.25 D
 - Astigmatism not exceeding 0.75 D

- Patients experiencing blurred near vision, i.e. reading
- Patients without eye injuries or complicated eye symptoms, e.g. keratoconus, diabetes, Rheumatism and lupus
- Patients who are not pregnant or breast feeding
- Patients not being treated medically, e.g. taking steroids, being treated for cancer, NSAID and some types of hormone therapies
- Patients without symptoms of severe dry eyes
- Patients without pacemakers
- Patients with no history of unusual scarring, such as keloids

Advantages of Near Vision LASIK

- Fast visual recovery
- Treatment usually lasts no more than 20 minutes per eye. There is no need to use anesthetics, and no need for a hospital stay.
- The treatment to correct eyesight is permanent.
- You can see immediate results soon after surgery.
- Minimal risk of side effects or complications compared to other treatments.

Side Effects

The temporary side effects following LASIK are minimal and are most often limited to slightly drier eyes, minor increases in light scattering, decreased clarity in dim light and seeing haloes around bright lights at night. These effects are most common when the pupil is larger than normal and the correction is high. (LASIK is therefore not recommended for people with the combination of a very large pupil opening and a high focusing problem.) It is rare for these side effects to interfere with normal activities, and they diminish as the eye heals.

Easy treatment by Near Vision

- **Ask for information**

To understand clearly about Near Vision treatment for presbyopia, possible side effects, and for further information about the Rutnin-Gimbel Near Vision Centre, call Tel: 02-639-3355 or visit our website : www.rutningimbel.com

- **Make an advance appointment for treatment**

The diagnostic system at the Center requires advance appointments. For the most efficient service please make an appointment in advance to see the Center's ophthalmologists for consultation or have pre-operative assessment.

Monday to Saturday	08.00-19.00 hrs.
Sunday	08.00-17.30 hrs.
Public Holidays	08.00-16.00 hrs.

- **Pre-operative assessment procedure**

Your eyes will be checked thoroughly to determine whether the patient is a candidate for surgery or not and also to select the best treatment for each patient. Once appropriate treatment is decided, an appointment will be made on the most convenient day for the patient. The procedure takes approximately 3 hours.

Rutnin-Gimbel Near Vision Centre

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