

OPTIMAX EYE SPECIALIST

New Vision New Life™

Corneal Reshaping Therapy: Ortho-K



Clear vision, no surgery required

WHAT IS CRT?

CRT (Corneal Reshaping Therapy) is a non surgical method of reshaping the cornea to provide clear vision. It is also one of the most proven and effective methods of myopia (short-sightedness) control available in the world today.

How it works?

In CRT, the patient wears a special contact lens while sleeping at night. This contact lens is designed in such a way that it will use the tears of the patient to gently reshape the cornea while the patient is sleeping.

When the patient wakes up in the morning, he/she will remove the contact lenses and be able to enjoy clear vision for the rest of the day.

Clear vision is achieved when the shape of the cornea is altered.

CRT is ideal for those who...

- Want to see clearly without any daytime glasses or contact lenses
- Want to reduce eye power or slow down power increment
- Want an alternative to refractive surgery

F.A.Q.

How do I know if I'm suitable for CRT?

- Low to moderate shortsightedness (myopia): -1.00 to -5.00D.
- Low to moderate astigmatism.

A prelim assessment will be able to determine your eye suitability.

How often must I wear the lenses?

- Varies from person to person. In the beginning usually every night, once stable- 3-4 nights a week.

How long will it take for me to see the results?

- Depends on your power, corneal profile and compliance.
- For those with low power, improvements in vision can be noticed overnight.
- For those with higher power, a week or two.

Are the results of CRT permanent?

- No. Retainer lenses must be worn a few times a week in order to maintain good vision.
- Stop wearing the retainer lenses and your pre CRT treatment eye power will gradually come back.

If the results are not permanent, why would I consider CRT?

1. If you are under 18 years of age, you are too young to undergo refractive surgery. CRT will be able to provide you with clear vision that is independent of glasses or daytime contact lenses until you are old enough to undergo refractive surgery.
2. If you are worried about the risks associated with refractive surgery, or your job does not allow you to undergo refractive surgery, CRT is the only non surgical method of myopia reduction.
3. If your power is increasing every year, CRT offers you a way to slow down or stop the progression of your shortsightedness, while at the same time eliminating your dependency on glasses and daytime contact lenses.

If I undergo CRT, can I still do LASIK in the future?

- Yes, of course!
- The cornea is highly elastic, and will return to its original shape once you stop using your retainer lenses - that is why CRT wearers have to wear their lenses on a regular basis.

Are you sure that CRT will slow down the progression of myopia?

- Yes of course!
- It is one of the most proven and effective methods of myopia control available in the world today
- Many studies have been done indicating its safety and effectiveness

Feel free to Google:

LORIC study - Longitudinal Orthokeratology Research In Children

CRAYON study - Corneal Reshaping And Yearly Observation Of Nearsightedness

Are the lenses used in CRT safe to sleep in?

- Yes. The lens material used for CRT allows oxygen to reach the eye, even while you sleep. That is why CRT lenses are FDA approved for overnight wear.
- Generally, infections related to overnight CRT lens wear occur less frequently than infections related to regular contact lenses.
- This is due to the reduced wearing time: regular contact lenses are worn for 12-16 hours a day whereas CRT lenses are only worn when a person sleeps, roughly 8 hours per day. The remainder of the day is spent without the lenses in, leaving the eyes directly exposed to the oxygen that they need.

Tell me more about the risks of infections related to CRT?

- The risks of infections in CRT are generally the same as those of regular contact lens wear.
- As with regular contact lenses, if the CRT lenses are not properly cleaned and cared for as instructed, infections and corneal ulcers can occur, some of which can result in vision loss. Bear in mind though, that this is a risk of any contact lens, and is not specific to CRT.

Procedure

Step 1 Call in for an appointment
Meet your consultant and talk to them

Step 2 Eye Examination
Spend time with our optometrist to confirm suitability

Step 3 Get a free trial

Step 4 Wearing the CRT lens



Step 5 Purchase when results are satisfactory

Step 6 Welcome to New Vision New Life

Advantages

CRT benefits those...

- Below the age of 18 years old (too young for refractive surgery)
- With low to moderate myopia: -1.00 to -5.00D.
- With low to moderate astigmatism
- Want to see clearly without any daytime glasses or contact lenses
- Want to reduce eye power or slow down power increment
- Want an alternative to refractive surgery

Make an appointment with us to find out whether you are a candidate for Corneal Reshaping Therapy! Contact us at
1800-88-1201
or email us at
hq@optimax.com.my



WHY CHOOSE OPTIMAX



Experience

Since 1995, we are among the professionals to perform Lasik in Malaysia. Today, we boast over 95,000 satisfied clients.



Modern Technology

From diagnosis equipment to sophisticated laser engineering, modern technologies are used.



Total Convenience

With a comprehensive network covering most cities in Malaysia, customers can keep in touch with us more easily.



ISO Certified

We are a corporation in Malaysia providing world-class Lasik services that fulfil stringent ISO requirements.



Trusted Team of Professionals

We are occupied with a resident multi-specialty Ophthalmologist, practicing Optometrist, Vision Consultant, Nurses and Laser Engineer.



Life Time Warranty

Our Vision For Life program warrants your Lasik vision for a lifetime.*



HPMRS

All our Lasik procedures achieved results of 99% in functional visual acuity and 100% in safety tests audited by the Healthcare Performance Measurement Report System (HPMRS).**

*Terms and conditions apply

**Audited by third party

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