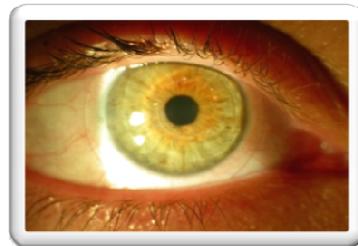
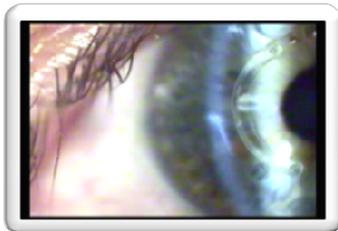


## What will I get after surgery?

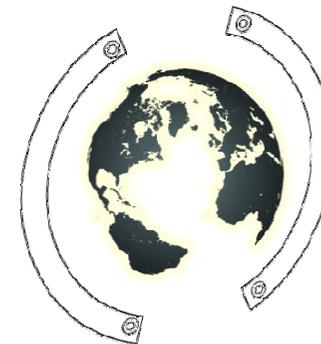
- ⇒ Great improvement of vision
- ⇒ Decrease of corneal deformity
- ⇒ Quick surgical technique
- ⇒ Fast recovery
- ⇒ Immediate results
- ⇒ Use of contact lenses after surgery



# Keratoconus



**Discover  
the New Way  
to See Life**



More information:  
[www.ferrararing.com](http://www.ferrararing.com)

Tel +34 983 100 700; +34 671 673 785; +34 671 673 790

Fax +34 983 132 125

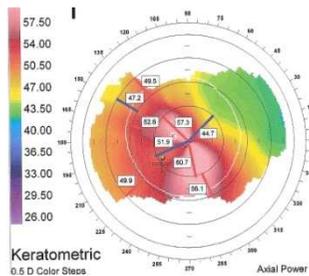
**Ferrara Ring®** 

## What is Keratoconus?

Keratoconus is a progressive eye disease that makes the cornea thinner, provoking it gets a cone shape. This **corneal deformity** is the cause for the increasing blurred vision, impossibility to wear contact lenses and discomfort, among other symptoms.



## Symptoms and diagnosis



The red colour indicates the area affected by Keratoconus

Keratoconus starts normally in the adolescence, developing progressively, slowly or quickly, depending on the case. It may even take some years to be detected. Patients have to change eyeglasses constantly any time they check their eyesight, due to the **progressive deformity**.

The vision worsens, becoming blurred, and even light sensitivity may appear. This fact may **affect daily routine** seriously and make some tasks difficult to perform: from reading a book to watching TV or even driving.

Thanks to medical examination, the doctor can diagnose the disease, its evolution and plan a treatment for it.

## Medical treatments

There are several kinds of treatment depending on the stage of the disease: rigid contact lenses and corneal transplant are a possibility, but the former are intended for the initial stage, and the latter is carried out when there is no alternative and the cornea is too much affected.

## What is Ferrara Ring®?



The intrastromal corneal ring is a medical device that is implanted in the cornea, diminishing its deformities and **improving the vision** acuity.

## Indications

- Keratoconus
- Corneal deformation due to contact lens use (Harstein's Syndrome)
- Pellucid Marginal Corneal Degeneration
- Post-surgery deformities
- Myopia and astigmatism
- Trauma



## Surgical technique

The surgery only takes around 15 minutes and it is performed with local anaesthesia applied with eye drops. The operation consists on introducing the implant through tunnels made in the cornea by a very **simple procedure**.