

# **VEJARANO<sup>TM</sup>**

## **DELAMINATOR SYSTEM**

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### **IMPERIAL MEDICAL TECHNOLOGIES**

## **Vejarano Delaminator System<sup>TM</sup> - Platinum Set**

**Unique economic delamination system to treat corneal keratoconus, myopia and astigmatism. Designed to facilitate surgery, improve results and prevent corneal perforations.**





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**IMT™, Imperial Medical Technologies™, Keratacx™, Keratacx Plus™, Keratacx SP™, Keratacx V™, Vejarano Delaminating System™, Vajarano Delaminator™ V-Glide Positioning System™, V-Glide™ and V-Laminator™**  
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**Vejarano Delaminator System was invented by world renowned ophthalmologist Dr. Manuel Vejarano, MD, at the famous institute Vejarano Laser Vision Center in Mexico.**

Now a days the system has been used in over 2000 patients with successful results at 100%.

Full System Availability: Vejarano Delaminator Platinum Set. The Vejarano Delaminator System contains a small video and manual. Can be distributed with the diamond knife of Vejarano, also designed by Dr. Manuel Vejarano that facilitate and improve the accuracy of the incision. Both available by contacting Imperial Medical Technologies

Presented in its own case "last generation" sterile and easy to open. The Platinum Delaminator Vejarano set includes:

- Forceps para KERATACx™ de Vejarano
- Marker of Vejarano for Visual Axis
- Corneal Marker Vejarano 5.0 mm
- Pre-Corneal delaminator Vejarano
- Spatula "Y" of Vejarano
- Delaminadores of Vejarano: right and left
- Vacuum system automated Vejarano
- Inserter Vejarano
- Extractor Vejarano
- Forceps KERATACx™ of Vejarano



### Easy to Use

the standard criteria of topography and pachymetry, the surgeon can use his own technique and nomogram in order to plan the surgery procedure, or, for a small fee you enter the patient information to IMT's where a team of experts can suggest and recommend the size of the radius of the segment to be used and the location of it.



### The Procedure

The Vejarano Delaminator System comes fully detailed instructions adhere to surgical standards as keratoconus cornea surgery, myopia or astigmatism and corneal ectasia congenital or post undergoing refractive surgery. Once the corneal visual axis is found, marks the axis more curved of the cornea according to the Topography. After using the corneal marker Vejarano 5.0 mm to design the incision site. The next step is to make the cut with diamond knife Vejarano to 75% of corneal thickness based on pachymetry. By using the diamond knife of Dr. Vejarano ensure an incision is accurate, precise and secure and facilitates pre-initial delamination corneal pocket.

Subsequently, the tissue is separated with the pre-delaminator of pre-Vejarano. Once you have the small cavity is introduced the spatula in "Y" to begin to delaminate the pocket in both directions. Then place the Automated Vacuum System of Vejarano around the cornea.



### "V"- Glide System™ of Vejarano

The "Secret" is the Patent Pending called "V-Glide System" of Vejarano that maintains a constant and continuous suction. Once the disposable tube and insurance Leur are armed and connected to the vacuum cleaner, very gently place the instrument "V" Vejarano Glide around the surface of the cornea aligned with the original markers, press the low suction bottom (50 mm Hg) or high suction (65 mm Hg). (Note: The amount of suction is indicated according to the surgeon's preference.) THE V-Glide Vejarano sets the ring around the cornea and maintains adequate suction. The digital display indicates both the amount of suction and the amount of time that the patient has under suction achieved maintain the patient's eye safety.



### Create Tunnel Safely

The "V" Glide Vejarano System allows the surgeon to rotate easily and soft the Vejarano's delaminator of reducing the risk of corneal perforation ensuring the symmetry of the rings. Once the ring has been placed around the cornea, is chosen the side to delaminate, placing the spatula.

“ Y ” of Vejarano and delaminator of Vejarano corresponding sliding under the spatula “ Y ” of Vejarano. Carefully stir the spatula “ Y ” of Vejarano leaving only the edge of delaminator in the tunnel entrance. Then delaminator is rotated 180 degrees thereby creating the tunnel. subsequently delaminator of Vejarano is removed from the tunnel . Follow the same procedure for the other side and use the same technique. Turn the Vacuum of Vejarano making it easy to remove the “ V ” Glide System (suction ring) of Vejarano to othe cornea . Lubricate the cornea and obtain better visualization of the tunnel to facilitate the introduction of KERATACx™, patent pending, the best corneal segments.



### Optional Pieces

Additional parts as Vejarano delaminatrns of different sizes to implement different types of rings as KERATACx™, SP™ & KERATACx V™ are available in Imperial Medical Technologies.

### Trade KERATACx™

Imperial Medical offers multiple ring sizes for use depending of the corneal topography and the diopters the patient has.

KERATACx Plus™ is the most popular segment and corresponds to the size and indications of the Kerarings rings and the Ferrara rings , with the advantage of not producing glare or starbursts.

KERATACx™ provides a small visual area but increases the correction of the diopter . You need to acquire the Vejarano Delaminator System designed for this type of rings and ensure the appropriate radio..

KERATACx SP™ (super plus) super plus) offers a wider visual field of 5.8mm to 6.0mm . It also requires a special delaminator by Dr. Vejarano designed to ensure a suitable radius.

KERATACx V™ invented in conjunction with Dr. Vejarano is offering the largest field of view 6.8 mm to 7.0 mm. 4 segments are required. A special delaminator Vejarano be purchased for a suitable radius. This technique is called Vejarano Multiring.

### Multiple sizes and selection radios

All models are available in KERATACx™ 45 °, 90 °, 120 °, 160 °, 210 ° and 320 ° allowing accurate diopter correction for all types of corneal topography.

### Multiple thicknesses

All KERATACx™ models are available from 100 microns (100μ) to 350 microns (350μ) in increments (25μ). Additionally all model has different positions for the holes in the rings allowing easy handling.

KERATACx™ samples are available by contacting [www.imt-usa.com](http://www.imt-usa.com) or [sales@imt-usa.com](mailto:sales@imt-usa.com).



### Superior results have been reported:

Surgeons around the world reported that by using Vejarano Delaminator System y KERATACx™ their patients have experienced no glare or flare commonly associated with implants in the cornea with old manual techniques. The KERATACx™ are designed to be comfortable and gentle on the eye. The doctors say: "For the first time my patients do not experience nights with some aberration or discomfort."

### Easy to clean

Imperial Medical packs the Vejarano Delaminator System a sterile kit handy tray that allows free from infections and easily meet the cleaning instructions of USFDA, CE and ISO. Imperial Medical warrants each system against faulty material or workmanship.

### Titanium or Stainless Steel

Vejarano Delaminator System is manufactured using the best medical grade of titanium or stainless steel. It is designed to never need repair. In case the delaminator of Vejarano bend, IMT repair free the unit except shipping.