

AJL vacuum pump



The KV2000 pump is a medical device designed to fix the eyeball and facilitate the creation of corneal tunnels for intrastromal ring implantation during keratoconus surgery

BRIEFCASE INCLUDED
Dimensions: 46x33x15
Weight: 5,10 Kg



Online Nomogram

keratoconus@ajlsa.com



Request your password for the first time by clicking on the following option

To study your case, initially choose AJL-RING or Intacs.

AJL pro+ will be additionally suggested if indicated.

Fill in all the fields and click "calculate".

You will be able to download the PDF with the result of the most accurate for your case

Nomogram access
Email:
Password:

Online Nomogram
Patient ID:
Doctor:
Eye:
Nomogram:

If you have any question, please send an email to: keratoconus@ajlsa.com
 I accept license agreement / Acepto licencia de uso
 I accept legal conditions / Acepto condiciones legales together

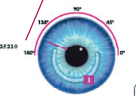
Version 2.0

Advanced Surgical Plan for the Treatment of Keratoconus

Patient ID: Eye to operate: Date:

AJL-RING

PRODUCT	SEGMENT 1	FEMTOSECOND PARAMETERS
AJL-RING6	Reference: AFR25210	Depth: <input type="text" value="150 μm"/>
DOCTOR	Segment: 220°/250μm	Int. Diameter: <input type="text" value="5.5 mm"/>
test		Ext. Diameter: <input type="text" value="7.1 mm"/>
		Incision: <input type="text" value="150°"/>

Ref. Segment 1: AFR2424310 

AJL-RING

Keratometry

Value (D)	Axis (degrees)
K1 (Flat) <input type="text"/>	X <input type="text"/>
K2 (Steep) <input type="text"/>	X <input type="text"/>

Selected Options
Patient: test
Eye: OD
Nomogram: A.I.L. 10.10.16

Corneal Aberration

Coma Axis:
RMS Coma (6mm X Axis):
If coma is not available please follow this link.

Pachymetry

Min. thickness in 5/6 mm area:

Asphericity

Q Value (30°/8mm):

V-04-02-AJL-HMP REV. 01

Remember that AJL pro+ rings are indicated exclusively in two phenotypes (Snowman and Duck). In case AJL pro+ is indicated taking into account the data provided by you, it is considered as a more accurate alternative to symmetrical rings (Optional).

Keratoconus

AJL pro+



Intacs
CORNEAL IMPLANTS



Leaders in keratoconus surgery

ajlsa.com
keratoconus@ajlsa.com

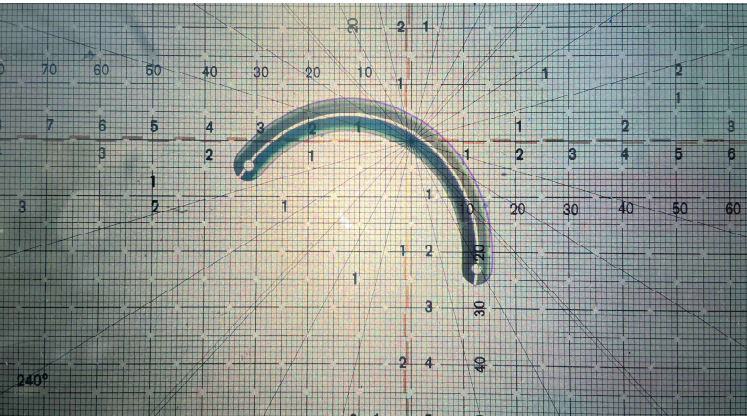
AJL pro+



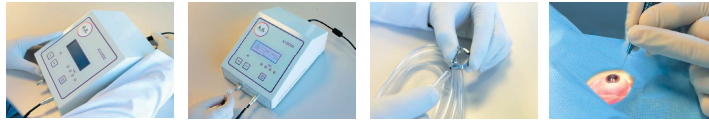
- Asymmetrical intrastromal corneal ring
- Triangular section
- Optical area of 5mm and 6mm
- Progressive variable thickness from 0.15 to 0.25 mm. and 0.15 to 0.30 mm



- Corneal implant
- Oval section
- Optical area of 6mm and 7mm
- Rounded edges



Technique



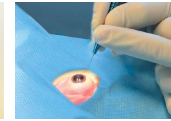
1. Connect the power cord to the connector



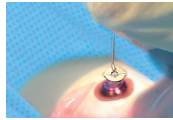
2. Connect the tube to the corresponding port



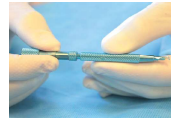
3. Connect the suction ring to the tubing connected to the pump



4. Mark the visual axis using the slinky hook



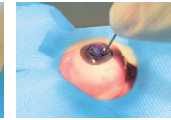
5. Mark the exact place where the ICR will be implanted



6. Diamond knife. CAUTION! Verify confirm that the tip of the blade is at the same level as the metal tip



7. This will indicate that the surgical knife is properly calibrated



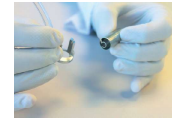
8. Make an incision



9. Press ON



10. Or use the pedal



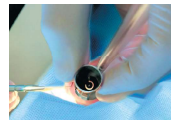
11. Select the appropriate dissector



12. Place the suction ring, the corneal separator, ensuring it is centred



13. Select "LOW" pressure. The green light will turn on



14. Ensure the spatula is in a perpendicular position



15. Select "HIGH" pressure to make the tunnel



16. Create the tunnel with the spatula using gentle, rotating movements



17. To deactivate the vacuum system or turn off the pump, keep pressing the pedal or the OFF button



18. Lastly, implant the selected ring

Instruments

Product description	Intacs® SK Surgical Instruments consist of a series of ophthalmic instruments that are designed for the placement of Intacs® SK (optical area of 6mm). Supplied with no sterilization.			
Reference	KV1044E	KV1047B-2	KV1060E	KV1160
Instrument	Intacs® Forceps	Intacs® Vacuum Centering Guide, Sloped	Pocketing Hook	Intacs® Symmetric Glide
Material	Titanium	Stainless steel	Titanium	Titanium
Characteristics and indications	<ul style="list-style-type: none"> - Notched tip. - Facilitates easy removal of the segments from the carrier. 	<ul style="list-style-type: none"> - Port for attachment to a vacuum source. - Centers and stabilizes the Corneal Separator onto the cornea during the dissection of the intrastromal tunnels. 	<ul style="list-style-type: none"> - Initiates the delamination of the stroma 	<ul style="list-style-type: none"> - Difurcated glide. Guides in both the CW and CCW Corneal Separator.
Reference	AT11209-1	AT11209-2	AT11210	AT11211
Instrument	SK Corneal Separator, CW 0.6mm	SK Corneal Separator, CCW 0.6mm	SK Inspection Gauge.	Procedure Marker.
Material	Stainless steel	Stainless steel	Ultem	Stainless steel
Use indications	<ul style="list-style-type: none"> - Also known as Corneal Dissectors. - Creates a CW and CCW annular subsurface tunnel for Intacs® SK placement. 	<ul style="list-style-type: none"> - Also known as Corneal Dissectors. - Creates a CW and CCW annular subsurface tunnel for Intacs® SK placement. 	<ul style="list-style-type: none"> - Inspects the concentricity and planarity of the 0.6 mm. Corneal Separator blades. 	<ul style="list-style-type: none"> - Aligns the vacuum Centering Guide.
Additional instruments	<p>Description and Reference number</p> <ul style="list-style-type: none"> - Diamond scalpel, 15° degree blade - Ref: DK-5-330-1. - Double Sinsky hook - Ref: 6-251. - Bonn stitch forceps- Ref: 2-110 - Optical zone marker 11 mm - Ref: 9-709W-1. - Kratz-Barrager blefarostat - Ref: 9-556F. - Sterilization box (metallic box) - Ref: 4710-A. <ul style="list-style-type: none"> - Vacuum system - Ref: KV2000. - Vacuum tubes - Ref: 7K5000. 			