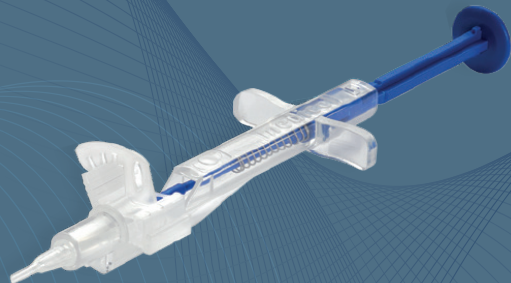
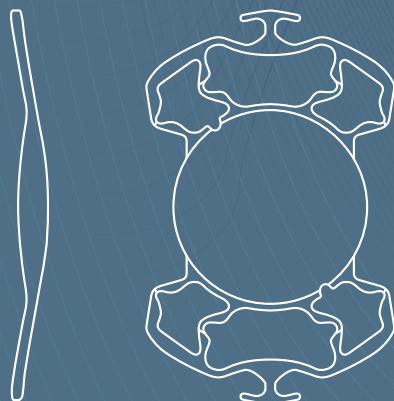


GUIDE TO SURGICAL IMPLANTATION OF Carlevale™ hi-tech LENS

ACCUJECT PRO 2.2 MEDICEL



CARLEVALE LENS HI-TECH



CARLEVALE INSTRUMENT SET



- Forceps Carlevale 23Ga coaxial
- MVR Knife 23Ga
- Crescent Knife 2,0 mm
- Corneal Knife 2,7 mm
- Anterior chamber maintenance
- Marker 2 sizes 1.5 and 3.5

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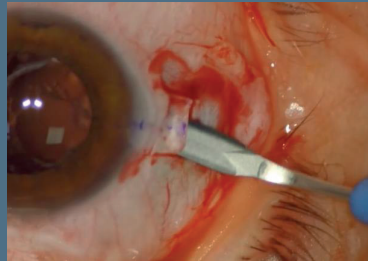
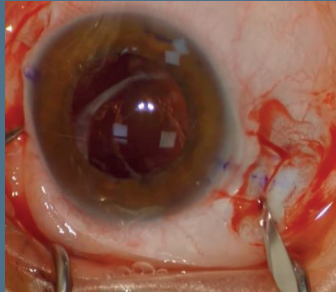
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Precaution: the lens must be stored for at least 3 hours at a temperature between 20° and 25°C before use.

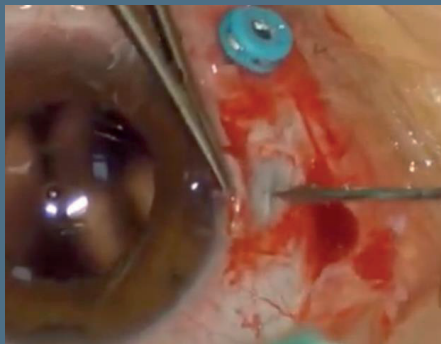
SURGICAL TECHNIQUE

- 1 • Prepare the 0° - 180° 3.5mm x 3.5mm scleral flaps using the set marker and the 2.0mm Crescent knife.



- 2 • At the discretion of the surgeon, if necessary, proceed to an anterior or posterior vitrectomy for more complex cases.

- 3 • Make a scleral incision with the MVR 23G Knife at 1.5 mm from the limbus.



- 4 • For cataract surgery, make a corneal incision with the 2.7 mm knife at 7 o'clock for the right eye, at 5 o'clock for the left eye and prepare the IOL in the injector. The corneal incision should not be less than 2.5 mm.

- 5 • Load the lens in the injector

- 5 • 1 Verify the expiration date and the diopter on the lens' label

- 5 • 2 Open the carton box

- 5 • 3 Verify the expiration date and open the blister of the injector

- 5 • 4 Open the pouch of the lens in sterile conditions

- 5 • 5 Open the vial

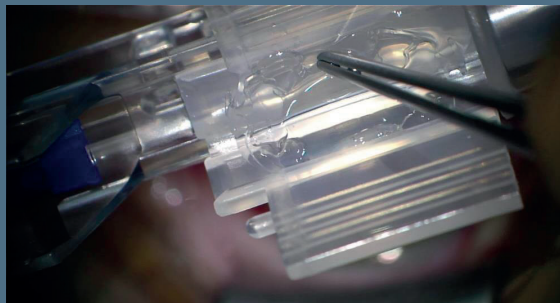
- 5 • 6 Open the lens holder and take the lens out with a forceps

- 5 • 7 Rinse the lens with a sterile saline solution (BSS)

- 5 • 8 Sufficiently fill the ACCUJECT™ cartridge tunnel and loading chamber with viscoelastic solution

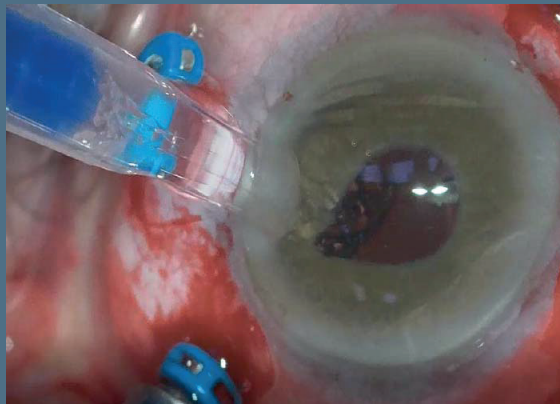
- 5 • 9 Using the forceps, gently place the lens in the loading chamber, positioning the insert close to the cartridge. Make sure all 4 haptics are all under the rails.

- 5 • 10 Verify the correct position of the lens.
The notches must be positioned at the top left and bottom right.



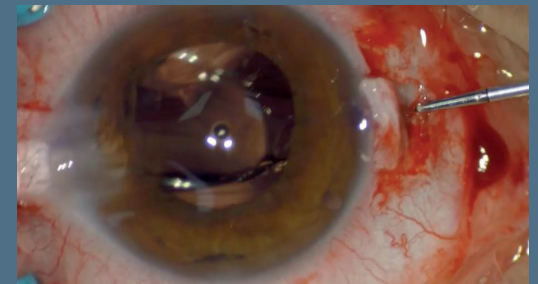
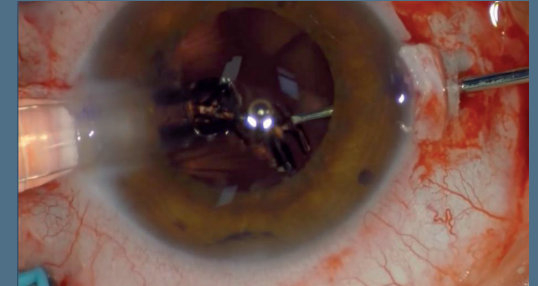
- 5 • 10 Close the cartridge.

Inject the lens.

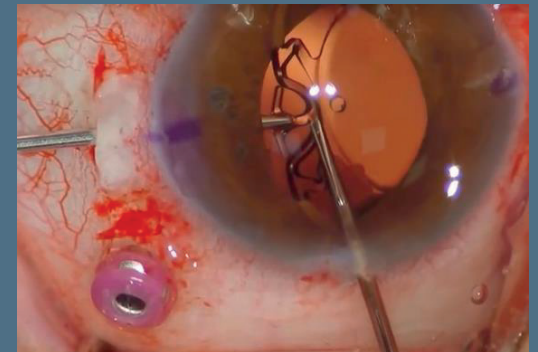


- 6 • Insert the Carlevalle 23G forceps into the scleral incision opposite the lens injection site and push the injector plunger very slowly until the plug comes out of the end of the cartridge.

With forceps, grasp the T of the plug exactly in the center, push the lens into the anterior chamber and pull the plug out of the sclera.



- 7 • To insert the second plug, use a spatula or forceps and pull it out through the other scleral tunnel.



8. Close the scleral incisions with suture or glue and ensure that the plugs are protected by the sclera to avoid contact with the conjunctiva.