



ARTISAN® Aphakia IOL

Anterior fixation with VacuFix™ or enclavation needle

1

Perform a main incision 0.1 mm larger than the optic diameter of the lens at 90° of the enclavation axis

2

Constrict the pupil; then introduce viscoelastic material, sodium hyaluronate (e.g. ArtiVisc or ArtiViscPlus)

3

Make paracenteses at 10 and 2 o'clock, pointing towards the fixation site. 1.2 mm (Enclavation Needle) 1.5 mm (VacuFix™)

4

Coat the IOL with viscoelastic prior to implantation to facilitate easy passing through the main incision

5

Introduce the lens into the anterior chamber

6

Rotate the lens 90 degrees and align with the enclavation axis using the ARTISAN® Lens Manipulator

7

Insert the Artisan implantation forceps through the main incision, firmly grasp the IOL at the center of the optic and choose a side of the lens to enclavate. Center the IOL on the pupil

VacuFix™

8

Introduce the VacuFix through the paracentesis and make sure the hole of the VacuFix is placed underneath the slot of the claw. Create vacuum

9

Move the VacuFix with the occluded iris forward to the inferior part of the claw

10

Lift the VacuFix through the inferior claw and pull the VacuFix with the iris fold through the slot of the claw

11

Repeat the lens fixation to the iris on the other side

Enclavation Needle

8

Introduce the Enclavation Needle through the paracentesis

9

Make a "snow ploughing" movement by moving the Enclavation Needle downward and forward at the same time, creating a fold of iris tissue just under the claw of the lens

10

Repeat the lens fixation to the iris on the other side

11/12

Make a peripheral iridotomy (or iridectomy), remove the viscoelastic material and close the main incision