



Ophthalmic Surgical Training Models

SimulEYE ICL

INSTRUCTIONS FOR USE:

Prep of the SimulEYE® ICL models is minimal especially for the Open Sky version. Simply place our Cohesive Viscoelastic Substitute behind the iris 360 degrees to help maintain the sulcus, attach the eye to the Base Unit, add water from above to the AC and place an ICL on top of the iris. Remove any bubbles and add more or less water to optimize the view.

The Full Cornea model utilizes the same prep with Cohesive Viscoelastic Substitute behind the iris. Then, fill the eye with water and attach the Base Unit by inverting it and connecting it to the eye. Ensure that there are no air bubbles in the AC and redo if needed. Place Cohesive Viscoelastic Substitute around the limbus 360 degrees and then use Dispersive Viscoelastic Substitute to cover the entire corneal surface. This will provide an excellent view into the eye and helps prevent air bubbles from entering through the incisions. Make your incisions through the gel and begin to implant the lens.

Note: Recommended ICL sizes

12.6mm for Open Sky

12.1mm for Full Cornea

TIPS for Open Sky model:

Use the Curved Forceps to more easily place the ICL on top of the iris.

Make sure to remove any bubbles from the Open Sky model before working. This is easily accomplished by tapping on the eye or adding more water or using the ICL manipulator or a viscoelastic cannula to remove them.

Without a cornea, the water in the AC will form a meniscus. If there is too much water, the iris and pupil may be hard to see. Tap the eye or run your finger across the top to reduce the water slightly and the iris view will improve.

The surface of the meniscus can create reflections. Changing the angle of the microscope by a few degrees can help to reduce the reflections.