

SimulEYE LRI

The SimulEYE LRI models are for practicing limbal relaxing incisions and other corneal incisions. These eyes are sealed and need to be filled with viscoelastic prior to use.

To prepare the cornea-scleral shells for use, make a 1mm paracentesis just outside the limbus and fill the eye with viscoelastic. It is helpful to mark this incision site with a Sharpie so that it is easier to locate. The eye can be filled with water but it is harder to eliminate bubbles and pressure on the cornea is more likely to introduce bubbles into the anterior chamber.

The Base Unit is reusable and provides a support for the cornea-scleral shells. After prepping the eyes, press the shell onto the Base Unit to hold it in place. Make sure that the parts are lined up to create a pressure fit which will hold the shell in place during surgical maneuvers.

Be sure to have a smooth, flat working surface to properly secure the Base Unit. When attempting to release the suction cup base, use the release tab on the suction cup.

Discard the used cornea-scleral shells but be sure to keep the reusable Base Unit for future practice.