



# Acrylic IOL Injector Technique



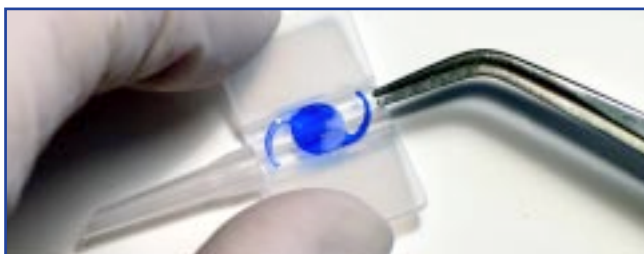
## Step 1 • Injector Preparation

Fully depress the plunger to expose the plunger tip. Remove the applicator from the sterile packaging and apply the Silicone Tip securely to the plunger tip. Fully retract the plunger.



## Step 2 • Cartridge Preparation

Open the flanges of the cartridge as wide as possible. Inject viscoelastic down the full length of each channel, along the ridge between channels and into the cartridge barrel.



## Step 3

Using toothless forceps grasp the lens by the optic only. Place the lens in the cartridge as you would want it to finish in the eye.

Note: Lenstec recommends that surgeons use instrumentation and techniques in which they are most familiar. Prior to use, inspect and assure that all instrumentation is cleaned and sterilized according to manufacturer instructions. Avoid using any instruments that are rough and/or have sharp surfaces which can cause damage to the lens.

A blue lens was used for visibility purposes only.



## Step 4

Making sure that the loading fork covers the whole lens, press the lens down and let the flanges close approximately 1/3 to 1/2 way. This should secure the optic in the cartridge. Remove the fork.



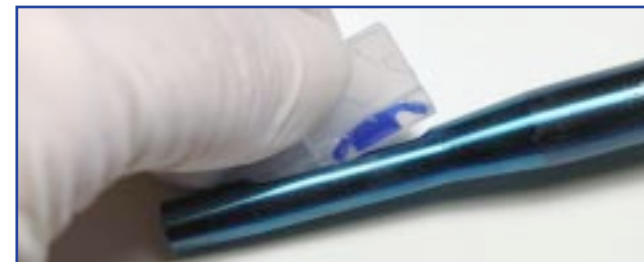
## Step 5

Using the blunt end of the loading fork, make sure that the haptics are in the correct position and secure in the cartridge. It is imperative that the haptics are not twisted. Close the flanges swiftly.



## Step 6

Using the blunt end of the loading fork, push the lens into the barrel, making sure that the trailing haptic has not straightened out or become pinched between the flanges. The cartridge is now ready to place in the injector.



## Step 7

Place the cartridge, barrel first, into the injector. Push it all the way to the front. Too much resistance could mean that a haptic has caught in the flanges and the process should be started again.



## Step 8

Before the injector tip begins to engage the end of the cartridge, ensure that the silicone tip is securely in place. If not, remove the cartridge, straighten the silicone tip and resume the procedure. You are then ready to enter the eye.



## Step 9

Hold the injector with the top of the cartridge facing upwards. Start to inject the lens by applying pressure to the plunger. If the lens has been loaded correctly then it should exit the cartridge as you would want in the eye. If the lens starts to flip, rotate the injector in the opposite direction to counteract the motion and keep the lens straight.