Bausch + Lomb Injector System

Loading Guide

BLIS™ Bausch + Lomb Injector System consists of a reusable handpiece (body and plunger) and a sterile single-use disposable cartridge. The reusable handpiece must be sterilized prior to use according to instructions provided in the Directions For Use.

1. Insert the plunger into the handpiece body and align the protruding key on the plunger to the corresponding slot on the handpiece body.
2. Once the plunger is inserted into the handpiece body, twist the retaining collar to firmly connect the two pieces.
3. Retract the plunger all the way and place the handpiece in the sterile field.

4. Hold the cartridge with the IOL diagram facing up. Fill the entire inside with a Bausch+Lomb recommended viscoelastic. Folding and compression of the lens should be initiated just prior to insertion and delivery into the eye. Avoid excess dwell time (> 3 minutes) between loading and lens insertion to minimize the potential for delivery complications including lens damage.
5. Grasp the edge of the IOL optic with non-serrated forceps and orient the IOL to match the diagram on the cartridge. Do not grasp the trailing haptic. As you advance the IOL into the cartridge, engage the leading haptic with the notch in the cartridge to fold the haptic on top of the optic.
6. Before inserting the loaded cartridge into the handpiece, make sure the plunger is pulled all the way back. Insert the cartridge into the handpiece slots with the IOL diagram facing up and the tip bevel facing down. Push down firmly on the back end of the cartridge and all the way forward until it snaps securely into place.
7. Slowly advance the IOL into the cartridge to the edge of the trailing fenestration hole until the leading haptic is fully folded on top of the optic.
8. Push the optic down onto the base of the cartridge using non-serrated forceps then fold the trailing haptic on top of the optic and into the cartridge.
9. Release the trailing haptic. With non-serrated forceps advance the IOL past the marker line, to ensure that the IOL is held in a folded position, by pushing on the haptic junction. Once the IOL is past the line, ensure the IOL and haptics remain in place after retracting the forceps until it is ready to be delivered.
10. Before inserting the loaded cartridge into the handpiece, make sure the plunger is pulled all the way back. Insert the cartridge into the handpiece slots with the IOL diagram facing up and the tip bevel facing down. Push down firmly on the back end of the cartridge and all the way forward until it snaps securely into place.
11a. Grasp the handpiece body with one hand and advance the plunger with the other hand. Visually confirm that the plunger to correctly engages the IOL optic and continue to advance the plunger until it bottoms out (do not turn knob to engage threads). The IOL is now in the hand-off position.
11b. To deliver the IOL, insert the cartridge tip into the incision with the IOL diagram facing up and the tip bevel facing down. Slowly rotate the plunger knob clockwise to advance the plunger. Ensure that the plunger tip engages the IOL, the haptics remain tucked, and the plunger remains behind the IOL throughout the entire delivery until the IOL is fully released into the eye.

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