

Scleral LENS EDUCATION SOCIETY

SCLERAL LENS PATIENT INFORMATION

CLEANING, DISINFECTION, AND STORAGE SOLUTIONS



- Solutions are available for purchase in most drug and grocery stores, online, or through some offices.
- Manually rubbing lenses with fingers prior to storage is essential to remove deposits from the lens surface.
- Rinse residual solution off the lens with saline prior to application. Do not use tap water on the lenses.
- Replace the case each time a new bottle of solution is opened (every ~3 months).
- *This solution is not compatible with Tangible Hydra-PEG.

APPLICATION SOLUTIONS



- Solution used to fill lens bowl must be preservative free to avoid toxicity.
- Solutions are available for purchase in store or online.
- LacriPure (Menicon), ScleralFil (Bausch + Lomb), and Nutrifill (Contamac) are FDA approved for scleral use.
- AddiPak 0.9% NaCl and Purilens Plus are off-label, but acceptable for scleral use.
- Saline vials should be discarded daily and bottles should be discarded as recommended on bottle.

ADDITIONAL CARE



- Extra strength cleaners can be used if the lenses deposit heavily with lipids (oils) or proteins.
- Cleaners must be rinsed off well with saline prior to lens application.
- These products should not be used on lenses treated with Tangible Hydra-PEG.



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LENS APPLICATION



DMV LARGE PLUNGER (TOP)
DMV LUMASERT (BOTTOM)



TRIPOD METHOD



TWO-FINGER METHOD



EZI APPLICATOR RING



DALSEY SEE GREEN LENS STAND



CLIARA CHIO A&R DEVICE

- The lens, once filled with preservative free solution can be placed on eye using a DMV large plunger, fingers (tripod or two finger method), an EZi applicator ring, or the Cliara CHIO application & removal device.
- Keeping your head face-down so that your face is parallel to the floor helps to prevent spilling of the preservative free solution from the lens bowl.
- To help prevent bubbles entrapment, ensure steady fixation during the application process.
- A more viscous filling solution can also be used to minimize bubbles. Try adding Celluvisc, Oasis Preservative-Free tears, or a thicker non-preserved lubricant to the lens bowl.
- The lens can be placed on a device such as the Dalsey See Green Lens Stand or on the DMV Lumasert plunger if you are struggling with any combination of holding eyelids, fixation, and moving the lens towards the eye.

LENS REMOVAL



PROPER POSITIONING OF THE SMALL DMV ON THE SCLERAL LENS EDGE

- A small DMV plunger should be applied towards the lens edge, and then tilted to remove the lens off the eye.
- If the plunger is positioned appropriately but the lens is still not coming off the eye, apply a small amount of pressure to the eye using a finger pressed against the lower eyelid below the lower edge of the lens. This will help break the seal of the lens.

For more help with application, removal, and care of scleral lenses, please visit our website to view our instructional videos and review our "Frequently Asked Questions" section.

WWW.SCLERALLENS.ORG

FOLLOW-UP RECOMMENDATIONS

NEXT APPOINTMENT: _____