

Scleral lenses

Scleral lenses are filled with solution before application which in place all day as the lens is sealed once in position and fitting well.

As this solution will be in contact with the cornea for 6-8 hours, solution toxicity is more likely to occur than with corneal day lenses, as most of the preservative is washed away. Therefore, it is important that the lens is filled only with preservative free saline. Comfort drops or a 50/50 mix can be used if the patient is struggling to insert without getting a trapped bubble

Fig.1



Night lenses & Corneal GPs

Lenses need to be filled with solution before application to aid comfort and optimise vision. Trapped bubbles on insertion can lead to poor results.

If preserved solution is used during insertion can cause a solution toxicity. If there is any discomfort, staining on cornea or conjunctiva, or vision quality issues, it is important that the lens is filled only with preservative free drops **Fig.2**

A correct instruction video is available here -

<https://www.nightlenses.com/support/patients/night-1/>

