



Visit #1: Initial Evaluation

- Record entering acuities and glasses prescription.
- Perform refraction and record best corrected acuities.
- Evaluate anterior segment (eyelids, lashes, bulbar conjunctiva, palpebral conjunctiva, sclera, cornea, anterior chamber, iris and lens).
- Evaluate posterior segment (optic nerve, cup-to-disc ratio, foveal reflex, macula, posterior pole, vasculature, periphery and vitreous).
- Perform anterior segment OCT and/or topography (if available).
- Deliver informed consent, including a brief discussion on contact lens and surgical alternatives.
- Determine approximate lens diameter.
- Determine appropriate lens design (prolate or oblate).
- Fit a trial/diagnostic scleral lens and document:
 - Apical, peripheral, and limbal clearance.
 - Landing zone and edge relationship (blanching or impingement).
 - Presence of air bubbles, debris in post-lens tear reservoir and anterior surface.
- Perform over-refraction.
- Order scleral lenses.

Visit #2: Lens Dispensing

- Evaluate the first pair of scleral lenses.
- Confirm improvement of symptoms with scleral lenses.
- Educate patient about proper use, application, removal and care of scleral lenses.
- Give recommendations on solutions for cleaning, disinfection, storage and filling lenses.

Visit #3: 1/2 Week Follow-up

- Document best corrected visual acuity, distance and near.
- Evaluate scleral lenses and document:
 - Apical, peripheral, and limbal clearance.
 - Landing zone and edge relationship (blanching or impingement).
 - Presence of air bubbles, debris in post-lens tear reservoir and anterior surface.
- Inquire about vision and comfort with scleral lenses.
- Document the average of comfortable wearing time.
- Review solutions, care and handling.
- If scleral lenses have an optimal fitting, good vision, and comfort, the next follow-up may be scheduled for one month (skip to visit #5).
- If scleral lenses require modification, the next appointment scheduled should be for a dispense (proceed to visit #4).



Visit #5: One-Month Follow-up

- Document best corrected visual acuity, distance and near.
- Evaluate scleral lenses.
- Perform Over-refraction
- Verify patient compliance.
- The next visit frequency depends on ocular condition and if modifications are made and further scleral lenses evaluations are needed.
- If lenses are finalized, a follow-up evaluation may be scheduled at 4-6 months.

Visit #4: Modified Lens Dispensing

- Evaluate scleral lenses.
- Schedule follow-up visit at two weeks which will duplicate visit #3.

