

BAUSCH + LOMB



FREQUENTLY ASKED QUESTIONS

Confidently answer questions doctors often ask about Zenlens™ scleral contact lenses.

How do I address fogging?

First, determine if fogging is on the front surface or within the tear chamber. If there is front-surface fogging from poor lens surface wettability, consider adding Tangible® Hydra-PEG®.

Consider adding Tangible® Hydra-PEG® coating technology

It can help address fogging, prevent deposits, and increase wettability.

If the fogging is within the lens chamber, this could indicate excessive clearance or edge lift. If clearance is excessive, decrease the central, midperipheral, or limbal clearance. If edge lift is present, steepen the APS (Advanced Peripheral System).

A shallow limbal clearance can cause edge lift, where small debris can enter the fluid reservoir. Evaluate to identify edge lift location and, if present, steepen the toric APS, add toric peripheries, or adjust the limbal clearance.

How do I identify edge lift location?

Add NaFl fluorescein to the front surface and perform a slit lamp evaluation. Look where NaFl fluorescein is on the edge of the lens—if it creeps underneath, that indicates edge lift. If there's localized edge lift, try a quad-specific toric APS adjustment.

Modify parameters with precision

When a Zenlens™ parameter is modified, proprietary SmartCurve™ technology automatically adapts to ensure most other design attributes remain consistent.

GET SMART

How do I know how much toricity to add to the lens?

First, fit the standard diagnostic lens to assess sagittal, limbal, and mid-peripheral clearances. Next, do an over-refraction over that lens. Then, fit the toric APS diagnostic lens to assess scleral lens alignment. Be sure to note rotation, if any. The toric APS diagnostic lenses are Flat+3, Steep-3. Each step is 30 microns.

How do I increase or decrease the midperipheral clearance?

To increase, flatten the base curve. To decrease, steepen the base curve. If further adjustments are needed, try switching to an oblate or prolate design.

Calculate base curve automatically and adjust Rx accordingly

DOWNLOAD ZENLENS™ CALCULATOR

What should I do if I have a 360° limbal bearing?

Check HVID to ensure the correct lens diameter is being used. See guide below.

LENS DIAMETER GUIDE

| | HVID <11.7 mm | HVID >11.8 mm |
|---------------------------|---------------|---------------|
| Irregular cornea patients | 16.0-mm lens | 17.0-mm lens |
| Regular cornea patients | 14.8-mm lens | 15.4-mm lens |

If lens diameter is correct, try adjusting the limbal clearance curve (can be adjusted up to +/-300 microns). Add approximately 50 microns per quadrant of limbal touch.

How much time should I allow for a scleral lens diagnostic fitting?

1 to 1.5 hours with each patient.

How do I address limbal hyperemia?

If blanching is present, evaluate the limbal clearance and adjust accordingly.

Additionally, confirm the diameter is appropriate for patient's HVID.

If no blanching is present and diameter is correct, contact consultation.

What is an appropriate central clearance?

Aim for 350 microns of central clearance at initial fitting. After one hour, 250 microns is appropriate. After one week, look for between 150 and 250 microns of clearance.

What do the lens markings indicate?

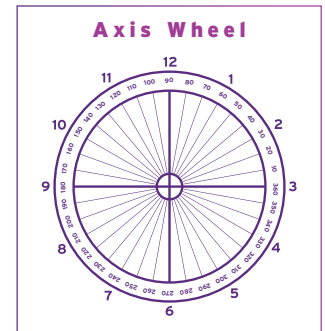
All lenses have distinct markings for easy identification. See diagram below.

How do I reduce prolapse?

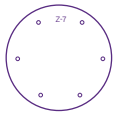
Prolapse generally indicates that a portion of the lens is too steep. Reduce the limbal clearance, central clearance, or both to try to reduce or eliminate prolapse. Flattening the edge could also help.

How do I address a decentered lens?

Check to ensure the correct lens diameter is being used. If lens diameter is correct, attempt alignment using the toric APS from the diagnostic set or by decreasing the limbal clearance.



Zenlens™ Scleral Lens Markings



Dx Lenses

- Six evenly spaced drilled dots at the beginning of the landing zone
- Laser-etched Dx number for positive ID



Standard

- Drilled black dot on right lens OD (shown)
- No dots OS
- Laser-engraved ID



Front Toric

- Two drilled lines at 0/180 meridian
- Drilled black dot at 270 base OD (shown)
- Two drilled black dots at 270 base OS
- Laser-engraved ID at 90



Toric APS

- Two drilled lines at 0/180 meridian will align to the corresponding axis of scleral toricity on the eye
- Drilled black dot at 270 base OD (shown)
- Two drilled black dots at 270 base OS
- Laser-engraved ID at 90



Toric APS w/Front Toric

- Two drilled lines at 0/180 meridian will align to the corresponding axis of scleral toricity on the eye
- Drilled black dot at 270 base OD (shown)
- Two drilled black dots at 270 base OS
- Laser-engraved ID at 90

ADDITIONAL QUESTIONS?

GET ANSWERS

Call 800-253-3669 to ask a consultant directly.

Visit bauschsvp.com for details and Important Safety Information.

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