SPECTRUM
INTERNATIONAL

Atlantis™ SCLERAL

The Atlantis Scleral design is easy to fit and comfortable for your patients. The fitting philosophy is based on the premise of customizing the lens fit by manipulating 3 different zones to control the sagittal height relationship of the lens to the anterior ocular surface. This produces one of the widest ranges of lens sagittal depths in the industry.

Design Features:	
Available in 14.0 and 14.5 diameters for normal corneas	**Quadrant specífic limbal zone**
Independent central SAG adjustments	**Quadrant specífic scleral zone**
Up to 17.5 diameter option for deep SAGs	**Expanded independet toric scleral zone options**
Independent limbal vault adjustments to increase or decrease clearance	Oblate multifocal
Limbal vault adjustment towards optic zone for oblate corneas (in position)	Front toric optics stabilized by toric scleral zone
Limbal vault adjustment towards edge for corneal grafts (out position)	Lens notching for scleral obsctructions

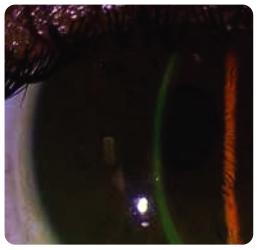
Patient Applications:

- Keratoconus / Keratoglobus
- Post Surgical
- Pellucid Marginal Degeneration pelucida)
- Astigmatism
- Post-corneal Transplant
- Dry Eye Syndrome*/ Corneal Surface Disease
- Stevens-Johnson Syndrome
- Sjögren's Syndrome
- Graft versus Host Disease Presbyopia
- Corneal GP and Soft Lens Intolerance

*Dry eye therapeutic indication when manufactured in certain GP materials (listed on reverse side).
Patient application data was obtained from material package inserts.

The Atlantis fitting philosophy is based on the premise of customizing the lens fit by manipulating three different zones to control the sagittal height relationship of the lens to the anterior ocular surface. This produces one of the widest ranges of lens sagittal depths in the industry. Each zone has a specific function.

3 Fit Zones



CENTRAL ZONE

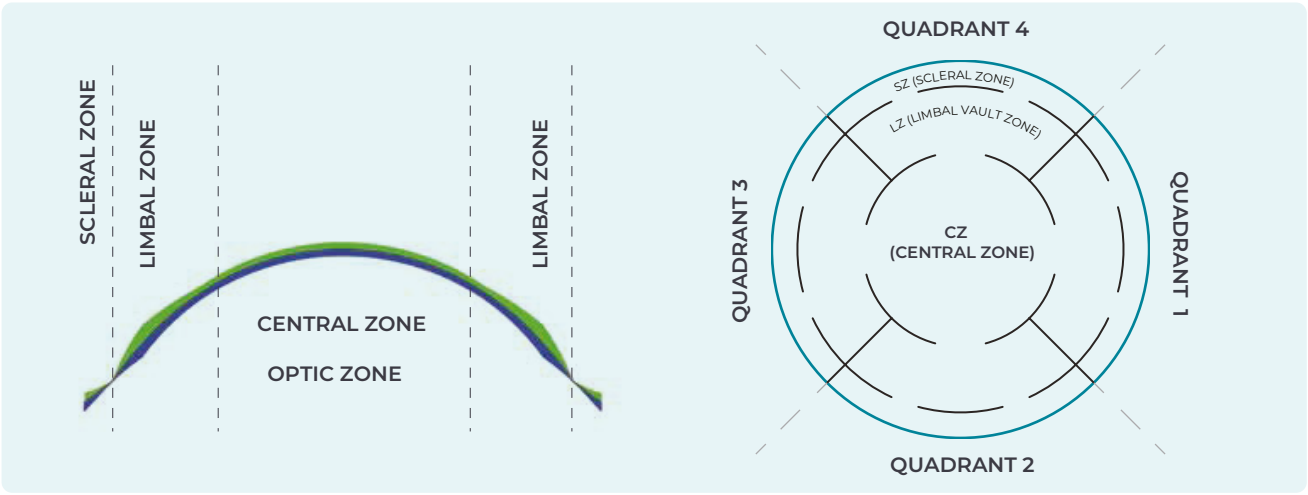
Central Zone - This zone is designed to vault the cornea. This is the effective posterior optic zone and base curve.

LIMBAL ZONE

Limbal Vault Zone - The LVZ does what its name implies, i.e. it controls the vaulting effect over the limbus and mid-periphery but will not impact the overall sagittal height.

SCLERAL ZONE

Scleral Zone - The SZ is designed to align with the sclera and provides fitting adjusments (360° perpendicular meridians, or quadrant specific). All scleral lens adjustments are in 25 micron increments.



The Atlantis design provides customizable zone options to provide a simple, streamlined fitting process that reduces chair time. A single fitting set will provide the necessary coverage to fit any corneal SAG or scleral shape.

15.5 X Starting point	**This is the lens that will be most appropriate for most applications where scleral lenses are used. Lenses in the 15.5mm size provide a wide range of clearance and edge fitting options to handle the majority of cases.** Oblate Corneas | Irregular Corneas | Normal corneas with larger HVID > 11.5 needing more limbal clearance
14.5 C Compact	**The ideal lens for patients with who would benefit from a slightly smaller lens design:** Normal Corneas | Presbyopic patients | Smaller than average corneas with HVID < 11.5 | Tight lids or small fissures
16.5 L Large	**A great lens size to move to when the 15.5mm lens is not adequate to fit pronounced corneas.** More SAG than the 15.5mm will provide | Extra-large HVID needing limbal clearance

Atlantis Patient Kits

Atlantis patient kits were designed to assist the scleral lens patient in keeping their supplies easily accessible and organized.

Each mirrored kit contains:
- Small and large DMV's
- Contact lens case
- Addipak unpreserved saline

Since a scleral lens patient must look down when inserting their lenses, the patient kit mirror was designed with the mirror as the bottom of the case lying flat. This follows insertion techniques they have been taught.

Spare Lenses

Once the patient has been successfully fit and final lenses have been ordered, a spare pair of lenses in the same parameters may be purchased up to 90 days from the final warranted invoice at a greatly reduced price.*

*Offer valid within the US territory only.

Product Parameters

Base Curve	6.50 a 9.12 mm
Diameter	14.0 a 17.5 (inde 0.5 steps)
Power	+20.00 to -20.00D in 0.25D steps
Limbal Vault Zone	Up to 100 microns decrease Up to 200 microns decrease Quadrant specific control
Scleral Zone	1 flat to 10 flat, 1 steep to 10 steep in 25 micron increments
Toric Scleral Zone	Bi-meridian control Quadrant specific control
Cylinder Power	--0.75D to -5.00D in 0.25D steps
Axis	Any
Multifocal Distance Zones	3.6, 4.0, 4.4
Multifocal Add Power	+0.75D to +4.00D
Materials	Optimum Extra*, Optimum Extreme*, Optimum Infinite, Boston XO*, Boston XO2*, y Paragon HDS NOTE: Materials with an asterisk (*) are indicated for the management of dry eye disease.
Warranty	Unlimited exchanges and cancellation within 90 days of original invoice.
Tangible Hydra-PEG	Available on all materials listed above.
PlasmaEYEZ	All Atlantis lenses are plasma treated free of charge.