

# 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 specific limbal zone
Independent central SAG adjustments	Quadrant specific scleral zone
Up to 17.5 diameter option for deep SAGs	Expanded independent 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 obstructions

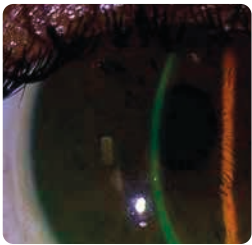
### Patient Applications:

- Keratoconus / Keratoglobus
- Post Surgical
- Pellucid Marginal Degeneration (pellucida)
- 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.

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### 3 Fit Zones



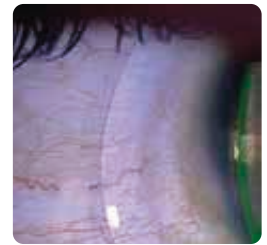
#### CENTRAL ZONE

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



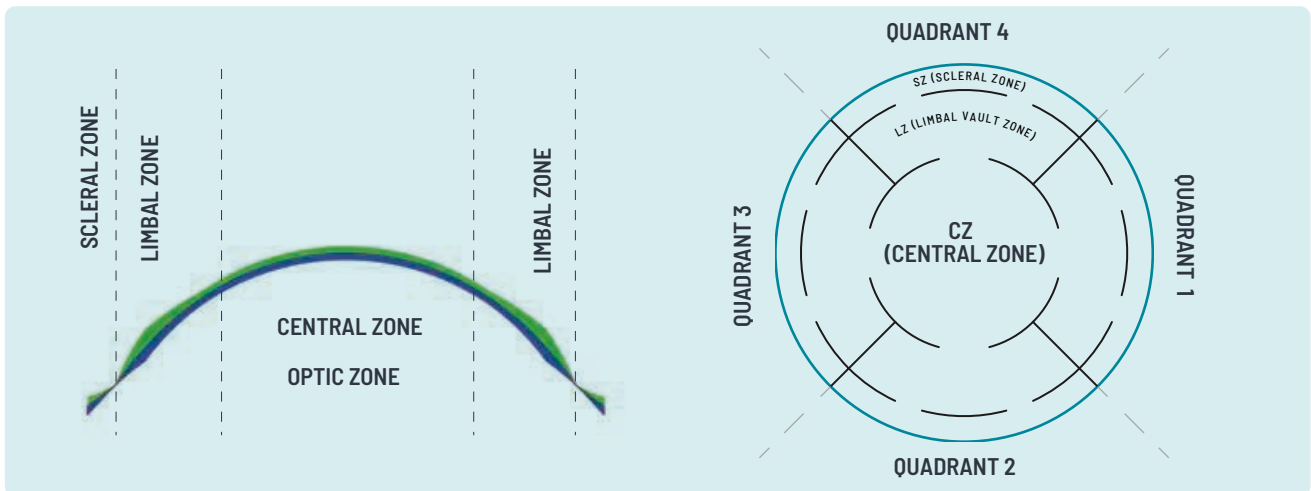
#### LIMBAL ZONE

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 adjustments (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.

<b>15.5 X Starting point</b>	<p>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.</p> <p>Oblate Corneas   Irregular Corneas   Normal corneas with larger HVID &gt; 11.5 needing more limbal clearance</p>
<b>14.5 C Compact</b>	<p>The ideal lens for patients with who would benefit from a slightly smaller lens design:</p> <p>Normal Corneas   Presbyopic patients   Smaller than average corneas with HVID &lt; 11.5   Tight lids or small fissures</p>
<b>16.5 L Large</b>	<p>A great lens size to move to when the 15.5mm lens is not adequate to fit pronounced corneas.</p> <p>More SAG than the 15.5mm will provide   Extra-large HVID needing limbal clearance</p>

## Product Parameters

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