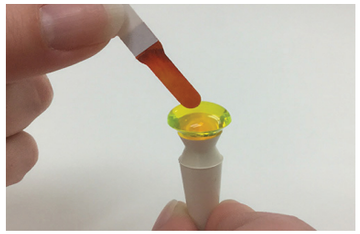
Insertion

1. Place lens on large suction cup.
2. Fill bowl with preservative free saline until a convex meniscus is achieved.
3. Apply fluorescein strip to the saline until saline is heavily stained.
4. Tilt the patients head towards their chin until they are looking directly down.
5. Bring lens up to the patient's eye quickly, taking care not to spill saline.
6. Look for bubble under lens. If any are observed, remove lens and repeat insertion procedure.



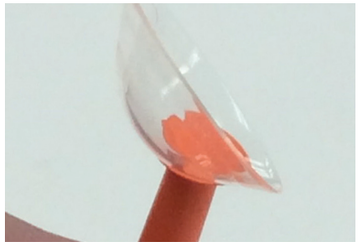
Lens properly filled with fluorescein stained saline. Note that the saline level extends above lens edge.



Eye properly opened with head tilted downward for easiest lens insertion.

Removal

1. Place a few drops of contact lens rewetting solution on the small DMV Contact Lens Remover.
2. Position the DMV Contact Lens Remover on the lower portion of the lens as shown in the example photo.
3. Gently lift the lens away from the eye with the suction cup attached to the lens.



Proper position of DMV on lens being removed from eye.



Apply DMV to lower portion of lens. Gently lift lens away using the remover.

Clinical Application & Usage

A diagnostic fitting approach is used to address Irregular Corneas of all types, including keratoconus, pellucid marginal degeneration post-trauma and post surgery.

An empirical fitting approach can be used on Spherical and Astigmatic Corneas. InSight diagnostic sets include complete usage instructions.

Additional tips, instructional videos and support documents can be found on our website at **www.metro-optics.com**

Live support is available by our highly trained consultants during all business hours.

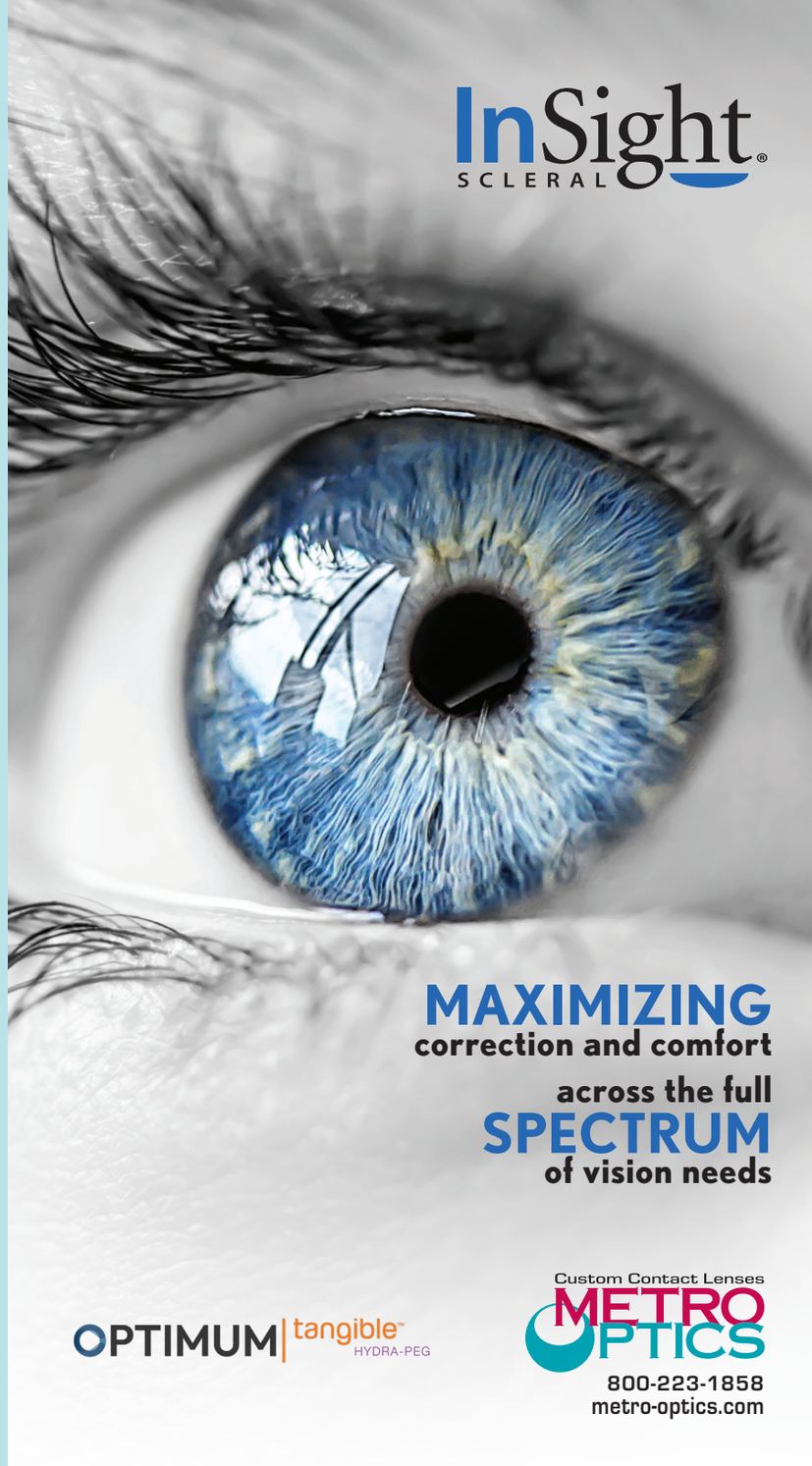
Available Parameters

Base Curve:	32.00 to 67.00 Diopters
Sphere Power:	+20.00 to -25.00 Diopters
Cylinder Power:	-0.25 to -8.00 in 0.25D Steps
Axis:	0° to 180° in 5° Steps
Add Power:	+0.50 to +3.00 in 0.25D Steps
Diameter:	Standard: 15.2mm or 15.6 mm
	Custom: 14.0mm to 18.2mm
Periphery:	Standard or Toric (Adjustable)

Warranty

InSight Scleral is warranted for a **90 day period** from initial order date.

It may be remade as often as necessary without additional charge and/or returned for full refund of purchase price within the warranty period.



InSight® SCLERAL

MAXIMIZING
correction and comfort
across the full
SPECTRUM
of vision needs

OPTIMUM | tangible™ HYDRA-PEG

Custom Contact Lenses
METRO OPTICS
800-223-1858
metro-optics.com

InSight® SCLERAL Advantage

- Effective on irregular & normal corneas
- Minimizes chair time
- Minimum center thickness of 250 microns to maximize the DK of lens material.

Description

InSight® Scleral can be used on virtually anyone. It works equally well on normal corneas as it does on compromised corneas. It provides a stable and comfortable fit while maximizing visual potential in cases where soft lenses and intra-corneal rigid lenses cannot provide acceptable vision and/or comfort. It is a versatile design addressing a virtually unlimited range of vision correction needs.

HHM TECHNOLOGY Advantage

- Co-designed by eye doctors & lens professionals
- Curve differential optics optimize vision at distance & near
- Effective on a virtually unlimited range of vision correction needs

Description

HHM Technology describes the unique collaboration of custom contact lens industry professionals and clinical practitioners in the development of InSight. HHM represents the combined expertise of over 80 years of work in the field of contact lenses and optics. It blends characteristics of optics, physiology, theory, and practicality to develop lenses that are optimal to the wearer for both vision and comfort; and reduces chair time for the clinical practitioner.

How to Begin Fitting:

Determine lens selection by corneal profile

Cornea Type:	Select:
Spherical of Astigmatic	Prolate 4.250
Keratoconic, Post Lasik Ectasia and other high elevation corneas	Prolate 4.750
Post Surgery (PKP, RK, PRK, Lasik, PMD and other low elevation corneas)	Oblate 4.250

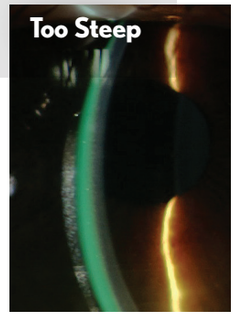
Evaluation

1. Assess Central clearance:
   Target is 250 microns at corneal apex or 1:1 of lens thickness.
2. Assess Limbal clearance:
   Target is approximately 50 microns.
3. Evaluate Edge landing 360 degrees:
   Note any areas of blood vessel blanching or edge standoff. Try Toric haptic diagnostic lens for blanching or gapping in the vertical or horizontal meridians.
4. Perform sphero-cylindrical over-refraction.

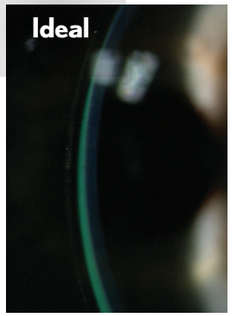
Call Metro Optics at 800-223-1858 for ordering.

Lens Evaluation Examples

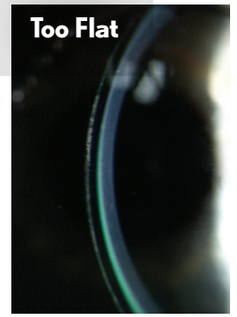
a. Central Clearance - An ideal fit will have 150-300 microns of clearance



Tear pool is greater than 300 microns. Thicker than the lens.

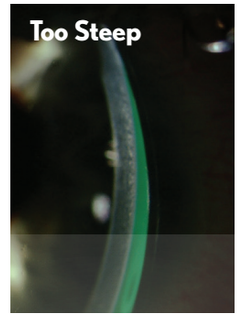


Tear pool is between 100 & 300 microns. Equal to lens thickness.

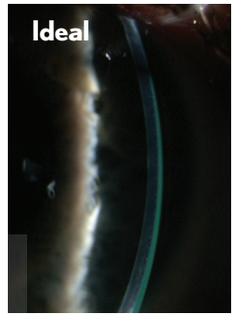


Tear pool is less than 100 microns. Barely visible.

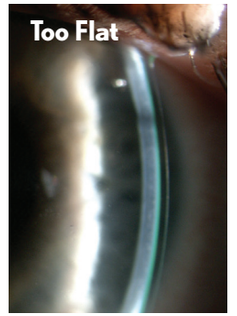
b. Limbal Clearance - An ideal fit will have slightly less clearance than observed in the central portion



Tear pool is greater than 100 microns. Greater than 1/4 of lens thickness.



Tear pool is between 50 & 80 microns. Approximately 1/4 of lens thickness.

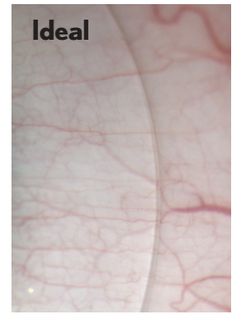


Tear pool is less than 50 microns. Barely visible.

c. Edge alignment - An ideal fit will land squarely and evenly on the sclera not having any stand off or blood vessel blanching in the full circumference of the lens. An uneven fit may require a toric periphery which should be designed with the assistance of a consultant.



Edge is too steep and is pinching into sclera. Evidenced by blanching of underlying blood vessels.



Edge is landing evenly and squarely on the sclera and is an ideal fit.



Edge is too flat and is standing off sclera allowing air to accumulate under lens edge.