

About our practice

Advanced Eye Care Professionals provides comprehensive eye care for the entire family. "Our community, your vision, our passion" is AEP's mission. We are part of the community we care for, and the AEP team is passionate about providing excellent care to each patient. In the current health care environment of less personalized care, AEP stands out as a practice that sincerely cares for our patients. From appointment scheduling, through the examination, to the moment a patient leaves the office, it is all about the patient!

Patient Services

- Specialty Contact Lenses
- Scleral Lenses
- Dry Eye Disease Diagnosis and Management
- Keratoconus
- Myopia Control
- Eyewear
- Comprehensive Eye Care and Comanagement of Ophthalmic Surgeries

Contact Us Today

To make an appointment, refer a patient, inquire about more information or to speak with one of the doctors or staff on our team, please call:

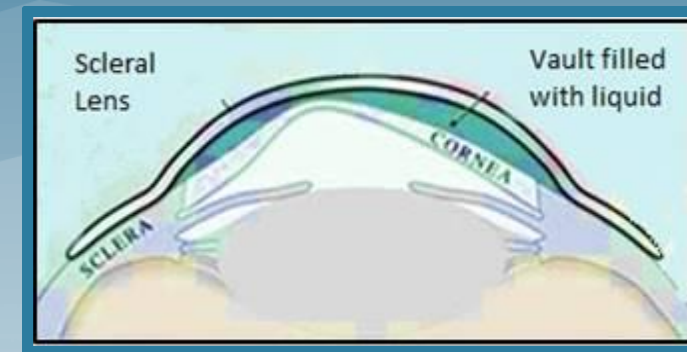
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Blanchard
CONTACT LENS INC.

Scleral Lenses for Keratoconus and Other Corneal Ectasias



Scleral lens vaulting the cornea, maintaining a cushion of tears.



msd Selecttm

Fits the Challenge

Scleral Lenses for Keratoconus and Other Corneal Ectasias

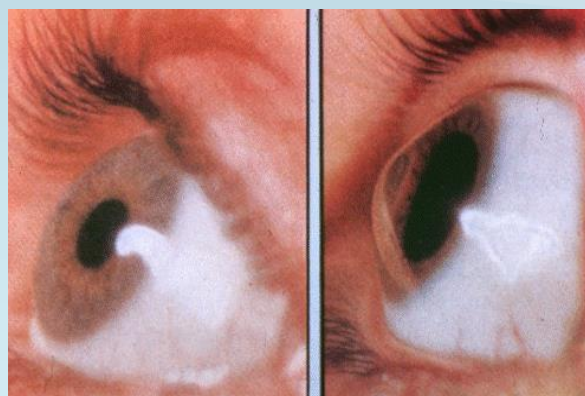
What is an Ectasia?

The cornea is the clear tissue on the outermost surface of the eye covering the iris (color tissue) and pupil. The main function of the cornea is to refract light entering the eye.

A normal cornea will have a smooth shape. A cornea with an **ectasia** will have an irregular shape or bulge. This irregular corneal shape does not refract light correctly and will create irregular and distorted vision. Ectasias can be caused by corneal problems such as keratoconus, or may result after surgery such as LASIK or after injury to the eye.

Keratoconus

Keratoconus is the most common ectasia. The cause of the condition is not clearly known. It is a condition in which the cornea thins and bulges into a cone shape causing distorted vision. According to the Global Keratoconus Foundation, the condition occurs in 50 to 230 patients per 100,000 and in men and women of all races.



Normal Cornea

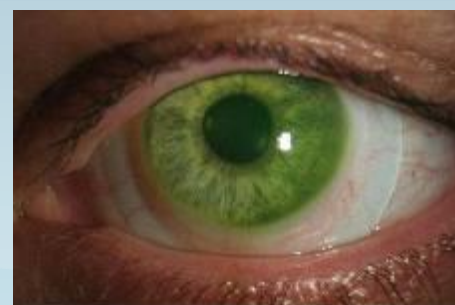
Cornea with an ectasia, keratoconus

How Do Scleral Lenses Help?

Scleral lenses can be an excellent choice for a patient with keratoconus or with a corneal ectasia.

Scleral lenses are designed specifically to vault over the irregular corneal shape and fit on the sclera (white tissue) of the eye.

The scleral contact lens creates a new regular surface on the front of the eye that refracts the light correctly. The result is clear, distortion-free vision!



msd™ Mini-Scleral Lens comfortably fit to eye.

How the Blanchard msd™ Scleral Lens Works

msd™ scleral lenses compensate for irregularities of the shape on the front surface of the eye (cornea) to correct your vision. The lenses are made of materials that allow oxygen to pass through the lens promoting long-term corneal health and comfort. The lens design provides a thin cushion of fluid that stays between the lens and eye that makes them very comfortable, reduces redness, and creates a healthy environment for the eye. The lens is appropriate for most toric contact lens prescriptions for patients with astigmatism.

msd™ lenses offer three critical benefits to patients with keratoconus or other ectasias:

1. Creates a regular smooth ocular surface to provide clear, crisp vision
2. Fits beneath the lids and rests on the sclera (white of the eye) offering exceptional comfort and stability
3. Maintains a vault of soothing tears between the lens and cornea keeping the eye moist, comfortable and healthy

The Success of Scleral Lenses:

- 78.9% report improved comfort
- 78.2% report improved visual quality
- 87.77% report **improved overall satisfaction** with scleral lenses

Patient Testimonial:

I LOVE my new msd lens! Spring is here, did you know that there are buds on the trees? I do (now). Thank you!

Not once have I had to take it out during the day because it's uncomfortable or dirty. Now, when the soft lens in my right eye gets dry and feels like it's going to fall out, the msd™ is "just there." What an amazing product.

S.B. -56- year-old female; keratoconus in the left eye; West Hartford, CT

*2007 Study by Visser

<http://www.ncbi.nlm.nih.gov/pubmed/17224675>