

## 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:*

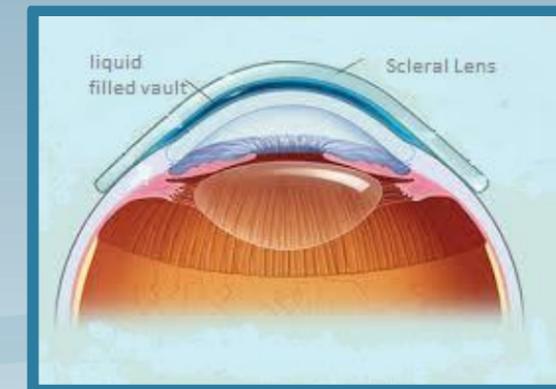
Advanced Eye Care Professionals, P.C.  
Casey L. Hogan, O.D., F.A.A.O.,  
Diplomate, American Board of Optometry

10320 S. Cicero Avenue  
Oak Lawn, IL  
60453  
708-229-2200

[www.aepeye.com](http://www.aepeye.com)  
[www.eyedoctoroaklawnil.com](http://www.eyedoctoroaklawnil.com)  
[www.sclerallenschicago.com](http://www.sclerallenschicago.com)

**Blanchard**  
CONTACT LENS INC.

# Scleral Lens Management for Dry Eye Related Complications of Graft vs. Host Disease



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

 **msd** Select<sup>™</sup>  
*Fits the Challenge*

## What is Graft vs. Host Disease?

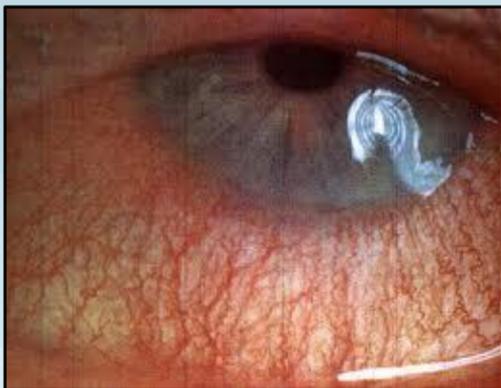
Graft vs. Host Disease (GVHD) is a complication that can occur after a stem cell or bone marrow transplant. The cells in the body of the transplant recipient regard the new cells as foreign, causing the new cells to attack the body of the recipient. This can be a sudden onset (acute) problem or it can be a chronic problem. The person suffering with GVHD will usually have many complications with their eyes.

### Eye Related Complications:

- Dry, gritty or painful eyes
- Sensitivity to light
- Mucous encrusted eyelids
- Excessive tearing
- Foreign body sensation
- Reduced Vision
- Redness

### A survey of 51 patients suffering from GVHD found:

- 96% had moderate to severe pain
- 87% had difficulty reading regular print
- 85% were worried about their sight
- 80% had trouble with work or hobbies
- 75% had trouble driving at night



A person with GVHD may suffer with red, painful, dry and irritated eyes

### Can GVHD be Cured and How is it Treated?

There is currently no preventative treatment for GVHD and there is no cure, but symptoms can be managed. Patients can use lubricating drops, goggle-type eyewear, or warm compresses.

In a study by the Fred Hutchinson Cancer Research Center in Seattle, **researchers found using scleral lenses to be a safe and effective treatment** for patients with severe dryness and inflammation of the eyes as a result of GVHD.

### What is a Scleral Contact Lens?

A scleral contact lens is a large lens that vaults over the cornea (clear tissue) of the eye and fits onto the sclera (white tissue) of the eye.

The vault creates a liquid chamber that will keep the eye moist and comfortable providing relief to the dry eye. The lens will also create a smooth optical surface giving the wearer crisp, stable vision

### How the Blanchard msd™ Scleral Lens Works

msd™ scleral lenses incorporate a unique design that eliminates irregularities of the shape on the front surface of the eye (cornea) to correct your vision. The lenses are made of materials that let oxygen pass through the lens and provide 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 distance prescriptions, and toric contact lens prescriptions for patients with astigmatism.

#### The msd™ scleral lens offers three critical benefits to patients affected with GVHD:

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



msd™ Mini-Scleral Lens comfortably fit to eye.

#### 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

\*2007 Study by Visser  
<http://www.ncbi.nlm.nih.gov/pubmed/17224675>

#### Patient Testimonial:

"The scleral lenses provided a life changing experience. Life is so much simpler for me in terms of completing work and life related activities. I am amazed at the quality of my vision, the comfort level, and the length of time I am able to wear the lenses."