Scleral Lens for Management of Dry Eye Symptoms

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

Contact us today to learn how scleral lenses can make a difference in your life.

Affix your practice address label here.

Blanchard Contact Lenses supplies the specialty GP lens industry with leading lens designs of the highest quality. Our mission is to consistently design and develop innovative specialty GP lenses utilizing cutting edge manufacturing methods, while maintaining unique partnerships with eye care professionals to improve all aspects of the contact lens wearer experience.
Scleral Lenses for the Management of Dry Eye Symptoms

Chronic Dry Eye Disorders

According to a consumer survey, 48% of adults report dry eye symptoms. Of those, 42% have trouble reading print as a result of dry eye. Nineteen percent report using over the counter drops to help with the condition, but two thirds of those who use drops find that they are not effective.

Fortunately, 60% of patients with dry eyes have mild symptoms; however, about 30% do have moderate symptoms and 10% have severe dry eye symptoms.

Scleral contact lenses can improve the vision, comfort and quality of life for someone with dry eye.

Dry Eye can occur or be caused by many conditions. Some are:

- Age related
- Gender (occurs more with women)
- Medications and/or medical conditions
- Environmental conditions
- Post Refractive Surgery (LASIK and RK), post-surgery, or post-injury

Patients with dry eye symptoms may experience pain, trouble with vision, sensitivity to light, and trouble seeing at night. Treatment options include antibiotics, fish oils, plugs in the tear ducts, medications for dry eyes, steroids or artificial tears, gels or ointments. Success rates for patients with moderate to severe dry eye using these options have been low.

Symptom Relief with Scleral Lenses

Studies have shown that up to 85% of patients achieve successful relief of dry eye symptoms with scleral lenses. The scleral lens provides a liquid bandage to the cornea by holding tears between the lens and the eye. Vision is sharp and clear, pain and redness is reduced and the quality of life is often dramatically improved!

How msd™ and Onefit™ Scleral Lenses Work

msd™ and Onefit™ scleral lenses are made of materials that let oxygen 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 providing immediate relief of dry eye symptoms and long term wearing comfort. Discomfort and sensitivity to light is greatly minimized, redness is reduced. A healing, healthy environment is created for the eye. The lens is appropriate for most distance prescriptions, toric contact lens prescriptions for patients with astigmatism, and a multifocal bifocal option that provides clear vision for distance, near and everything in between!

The msd™ and Onefit™ scleral lenses offer three critical benefits to patients with dry eye symptoms:

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 (liquid bandage) between the lens and cornea keeping the eye moist, comfortable and healthy

Patient Testimonials:

I had surgery to correct my vision several years ago. My vision was great until a couple of years ago when I started having problems with my distance vision. I could not wear soft or hard lenses and be comfortable or see well, and I used drops to help with my dry eyes. Now I wear Onefit™ scleral lenses and can't believe how well I can see or how comfortable they are. I even find myself using less of the drops for my dry eyes. These Onefit™ scleral lenses have restored my quality of life! J.F. 45 year old male; dry eyes after surgery; Denver, CO

I LOVE my new msd™ lens! Not once have I had to take it out during the day because it's uncomfortable. 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. I can't thank you enough!

S.B. 56 year old female; W. Hartford, CT

An eye with severe dry eye may appear red, watery, and irritated

3 The Boston Foundation, Study of Patients with Sjögren’s syndrome