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

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Scleral Lens Management for Dry Eye Disease

Scleral lens vaulting the cornea, maintaining a cushion of tears.
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 eyes can experience pain, have trouble with vision, be sensitive to light, and may have trouble seeing at night. Treatment options include antibiotics, fish oils, plugs in the tear ducts, special 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.

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

**Chronic Severe Dry Eye Disorders**

According to a consumer survey:\(^1\) 48% of adults report dry eye symptoms. Of those, 42% have trouble reading print as a result of dry eye. Nineteen percent report using drops that do not 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.

**Treatment Success Using Scleral Lenses**

Studies have shown that up to 85% of patients achieve successful relief of dry eye symptoms with scleral lenses.\(^3\)

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!

**Scleral Lenses for Dry Eye Disease**

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

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

Patients with dry eyes may appear red, watery and irritated.

**msd™ and Onefit™ scleral lenses:**

- msd™ and Onefit™P+A 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 dry eye relief and long term wearing comfort. Discomfort and sensitivity to light is greatly minimized, redness is reduced and a healing healthy environment is provided 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!

**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 that well and I used drops to help with my dry eyes. Now I wear Onefit™ P+A scleral lenses and cannot 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™ P-A 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 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. I can’t thank you enough!

S.B. -56 year old female; West Hartford, CT

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