



### What are Scleral Contact Lenses?

A scleral contact lens is a specialty gas permeable lens that is custom fit for an individual's eye. This type of contact lens works especially well in patients who have corneal disease, dystrophies, or past corneal surgeries.

A patient's vision is usually very good because the contact vaults over the entire cornea, masking the irregularity, and because it is very stable on the eye. A scleral contact lens will, in fact, hardly move at all between blinks because it tucks up underneath the eyelids.

Scleral lenses are often more comfortable than a soft contact lens because the cornea is highly innervated with nerves and the sclera is not. This lens doesn't touch the cornea like an RGP or soft lens which improves comfort. These lenses are medically necessary for those who cannot achieve adequate vision through glasses or soft contact lenses. A scleral lens can offer clarity and comfort for patients who have been previously told they were not good candidates for contacts.



### Bradley Sparks, O.D.

Dr. Sparks was born and raised in Forest City and is a 2007 graduate of Forest City Regional. He attended the University of Scranton where he earned a Bachelor of Science Degree in Biology. He continued his education at the Pennsylvania College of Optometry at Salus University in Philadelphia where he completed multiple rotations in primary and specialty eye care.

Dr. Sparks has an interest in specialty contact lenses, which are used to treat certain conditions such as Keratoconus, corneal transplants, and severe dry eye disease. Dr. Sparks successfully completed the advanced studies program in contact lenses at Salus University, where he learned how to treat and manage ocular diseases and conditions that require scleral and other specialized contact lenses. Dr. Sparks is excited to bring his expertise in this technology to the residents of Northeast PA.

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# The Scleral Lens Center

AT

# PRECISION EYEGROUP

FOR MEDICALLY NECESSARY CONTACT LENSES

SPECIALISTS IN  
SCLERAL & MEDICAL CONTACT LENSES

## Who can benefit from Scleral Contact Lenses?

Any patient who cannot wear other forms of lenses due to disease, disorders or tissue irregularity could benefit from scleral lenses. Some disorders such as:

Ocular Surface Disease, Dystrophy or Degeneration

- ▶ Salzmann's Nodular Degeneration
- ▶ Terrain's Marginal Degeneration
- ▶ Corneal Scarring
- ▶ Anterior Basement Membrane Dystrophy

Corneal Irregularities

- ▶ Keratoconus
- ▶ Pellucid Marginal Degeneration
- ▶ Secondary Ectasias
  - ▷ Post-Refractive surgery
- ▶ Endothelial Dystrophy
- ▶ Folds Or Rupture to Bowman's Membrane
- ▶ Recurrent Corneal Erosions
- ▶ Post Corneal Transplant

Dry Eye Disease

- ▶ Over 50 Years Old
- ▶ Diabetes
- ▶ Glaucoma
- ▶ Sjogren's Syndrome
- ▶ Lupus
- ▶ Rheumatoid Arthritis
- ▶ Graft vs. Host Disease
- ▶ Stevens Johnson Syndrome
- ▶ Limbal Stem Cell Deficiency

Regular Corneas with Refractive Errors

- ▶ High Refractive Error (Greater than 10D in ANY meridian)
- ▶ High Amounts of Astigmatism
- ▶ Presbyopia (Multifocal options available)

Aphakia

Prosthetic Lens

## The Fitting Process

Prescribing medically necessary contact lenses (MNCL) is a process. Since every patient's eye is different and because these lenses are totally customized for an individual eye it often takes several visits to complete a lens design that not only fits well but provides adequate vision and exceptional comfort.



## Additional Medical Lens Products

- ▶ Synergeyes Hybrid Contacts
- ▶ Specialty Tinted Soft Contacts for migraine headaches, extreme photophobia and albinism
- ▶ Prosthetic Soft Contacts for deformity
- ▶ Aperture Contacts for photophobia
- ▶ Rigid Gas Permeable Lenses
- ▶ Colored Toric Soft Contacts



## Insurance Coverage

In situations that require contact lenses for adequate vision and quality of life, Specialty Contact Lenses are considered "medically necessary" and often covered by most medical and vision insurance providers. Most of the professional services and occasionally the lenses, may be covered by medical insurances. Most vision benefit plans (VSP, VBA, Davis etc.) also have programs to cover the costs associated with these lenses.

Our staff will work with the patient to check benefits before the fitting process begins to avoid any surprise out-of-pocket costs. Ultimately, the patient is responsible for the charges incurred in prescribing the lenses, but we will do everything we can to assist in filing with insurance companies.

## Free Consultation

If a patient is unsure about scleral contact lenses, Dr. Sparks offers a free consultation to discuss any concerns. Patients may also try on a diagnostic lens to experience the lens comfort and potential visual improvement first hand!

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