



BOSTONSIGHT

Dry Eye Syndrome: BostonSight® PROSE Treatment Can Help

“**I CANNOT EVER GO WITHOUT** my PROSE devices. They are a miracle for comfort. Without them, I would be sitting in a dark room in pain, with a hot compress over my eyes.”

— Dry eye patient





DRY EYE IN PERSPECTIVE

Approximately 1 in 100 adults struggles with moderate or severe dry eye syndrome, a complex disease of the tear film and ocular surface. Symptoms include discomfort (stinging, burning, a gritty feeling, pain and light sensitivity), redness, and visual disturbance with potential inflammation and damage to the ocular surface. This condition can lead to chronic pain, corneal scarring, and loss of vision.

Dry eye syndrome is associated with a number of conditions, including Stevens Johnson syndrome (SJS/TENS); ocular chronic graft versus host disease (GVHD); Sjögren’s syndrome; history of eye surgery (LASIK, PRK, cornea transplantation); herpes zoster (shingles); and herpes simplex (ocular herpes).

Currently, there is no cure for moderate to severe dry eye — **but there is long term relief.**



“I CANNOT EVER GO WITHOUT

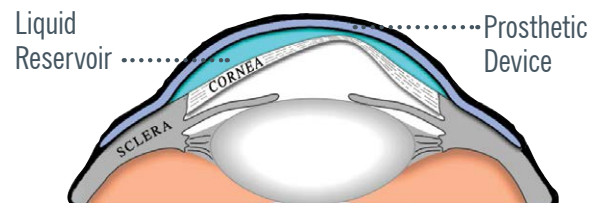
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BOSTONSIGHT PROSE TREATMENT

Hundreds of patients with dry eye have had their visual function restored and quality of life transformed with PROSE (prosthetic replacement of the ocular surface ecosystem) treatment. During BostonSight PROSE treatment, doctors custom design FDA approved prosthetic devices to replace or support damaged ocular functions; improving vision and reducing pain and light sensitivity. BostonSight PROSE treatment is available at a growing number of top-ranked academic medical centers and clinics across the United States.

The prosthetic devices used in PROSE are transparent domes, about the size of a nickel, made of gas permeable plastic that allows oxygen to reach the ocular surface.



PROSE devices fit under the eyelids and rest on the sclera (the relatively insensitive white tissue of the eye), vaulting the damaged cornea and creating a new smooth optical surface that protects the eye from the environment and blink trauma. The removable prosthetic devices are filled with saline at the time of application, creating a reservoir of fluid that continuously bathes the eye in oxygenated artificial tears.



BENEFITS

BostonSight PROSE treatment can:

- Reduce symptoms and support healing by restoring a healthy ocular surface environment
- Improve blurry vision by masking surface corneal irregularities and transmitting a sharp image to the back of the eye
- Prevent further damage by protecting the cornea against the environment and eyelids



“**SINCE GETTING PROSE** treatment, my eyes have improved dramatically... I could not go out in bright sunlight without getting terrific headaches from eye glare.”

— Dry eye patient

SYMPTOMS AND TREATMENT SUCCESS

In 2010, BostonSight conducted an online survey of more than 1,000 people with corneal disease, the majority of whom suffer with dry eye.

SYMPTOMS

For the 511 respondents diagnosed with dry eye, including 154 PROSE patients:

- 84% had moderate or severe eye pain
- 81% had difficulty reading regular print newspapers, magazines or websites
- 77% had light sensitivity
- 75% had difficulty driving at night
- 74% had difficulty with work or hobbies that require seeing up close

TREATMENT SUCCESS

When asked about success with a variety of treatments:

- 4% had significant success with oral antibiotics, fish oil or flax seed oil
- 4% with punctal plugs
- 5% with topical immunosuppression
- 8% with topical steroids
- 13% with artificial tears, lubricant gel or lubricant ointment

77% had significant success with BostonSight PROSE treatment



BOSTONSIGHT PROSE PROVIDERS

BostonSight PROSE treatment is available through a growing network of top-ranked academic medical centers and clinics across the U.S. Each provider site is independently operated, managing their own scheduling and insurance and providing ongoing care.

BostonSight PROSE treatment teams include cornea specialist ophthalmologists, and optometrists who have completed a BostonSight PROSE Clinical Fellowship. Clinical Fellows use a proprietary DTF® CAD/CAM system to design each device precisely to the patient's unique eye shape. All devices are manufactured at BostonSight's state-of-the-art lab.

BostonSight PROSE doctors work with patients, their support systems, and other medical providers to understand each patient's specific needs and reach treatment goals together.

ABOUT BOSTONSIGHT

BostonSight, located in Needham, MA, is a world renowned nonprofit eye healthcare organization, with a mission to improve the quality of life for patients and their families by transforming the understanding, treatment and care of complex corneal disease.

Since 1992, BostonSight has restored sight to thousands of patients from around the world.

To learn more please visit www.bostonsight.org.

SCHEDULE A CONSULTATION!

For more information or to set up a consultation, visit www.bostonsight.org/consult.

INSURANCE COVERAGE

Many major insurance carriers cover BostonSight PROSE treatment and services. Financial assistance may be available for those who qualify. Contact the BostonSight PROSE Provider closest to you for more information.

FOR PHYSICIAN REFERRALS

To refer a patient for treatment at BostonSight, Needham, MA, visit www.bostonsight.org/referrals.

To refer a patient to another BostonSight® Network Clinic, visit www.bostonsight.org/referrals-providers.





BOSTONSIGHT NETWORK

ALKEK EYE CENTER

Baylor College of Medicine, Houston, TX

BASCOM PALMER EYE INSTITUTE

University of Miami, Plantation, FL

BOSTONSIGHT

Needham, MA

BROOKE ARMY MEDICAL CENTER

San Antonio, TX

FLAUM EYE INSTITUTE

University of Rochester, Rochester, NY

ILLINOIS EYE AND EAR INFIRMARY

University of Illinois College of Medicine, Chicago, IL

KELLOGG EYE CENTER

University of Michigan, Ann Arbor, MI

MASSACHUSETTS EYE AND EAR

Boston, MA

NORTHWELL HEALTH

Great Neck, NY

UNIVERSITY OF CALIFORNIA

San Francisco, CA

USC ROSKI EYE INSTITUTE

University of Southern California, Los Angeles, CA

WEILL CORNELL EYE ASSOCIATES

Weill Cornell Medical College, New York, NY

WILMER EYE INSTITUTE

at Johns Hopkins, Baltimore, MD

The BostonSight Network is always expanding.

Visit www.bostonsight.org/providers.

COMMUNITY RESOURCES

PROSE Eye View e-bulletin

WWW.BOSTONSIGHT.ORG/EBULLETIN

Financial, travel and lodging resources

WWW.BOSTONSIGHT.ORG/PATIENT-RESOURCES

Patient support organizations

WWW.BOSTONSIGHT.ORG/SUPPORT-ORGS

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