



Dry Eye: How PROSE Treatment Can Help

Dry Eye in Perspective

Approximately 1 out of every 50 adults struggles with dry eye, a complex disease of the tears and ocular surface. Symptoms include pain, light sensitivity, redness, burning, foreign body sensation, visual disturbance and/or tear film instability, with potential inflammation and damage to the ocular surface.





If left untreated, this condition can lead to severe pain, ulcers, corneal scarring, and/or some loss of vision.

Of the millions of people with dry eye, 60% have mild cases that are well managed with over-the-counter treatments such as artificial tears. Although additional treatments are available for those with moderate (30%) or severe (10%) dry eye, many ophthalmologists agree that these options are not sufficient or very effective for many patients.

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

“THE PAIN OF THIS ILLNESS is hard to describe to someone who has not experienced it, and it changes your life in ways you can’t imagine.”

- Dry eye patient

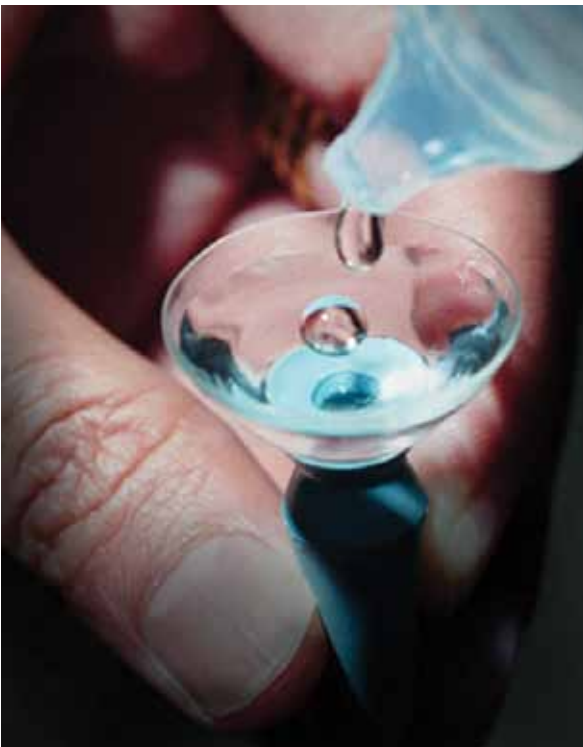
HELP FOR DRY EYE

Hundreds of patients with moderate to severe dry eye -just like you- have had their vision restored and quality of life transformed with our innovative treatment: prosthetic replacement of the ocular surface ecosystem (PROSE).

Pioneered by Boston Foundation for Sight and also available at sixteen top ranked medical centers across the globe, PROSE uses FDA-approved custom made prosthetic devices to replace or support impaired ocular surface system functions that protect and enable vision.

PROSE treatment can improve vision and alleviate symptoms in patients with dry eye associated with a number of conditions, including:

- Stevens Johnson syndrome
- Chronic ocular graft versus host disease (GVHD)
- Sjogren’s syndrome, primary or secondary
- History of eye surgery, such as LASIK, PRK, RK or cornea transplantation
- Herpes zoster (shingles)
- Herpes simplex (ocular herpes)
- Dry eye syndrome

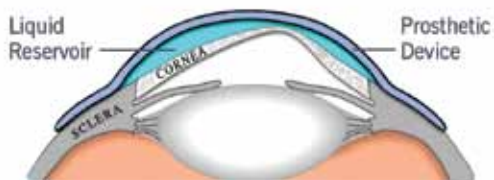




PROSE TREATMENT

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

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 devices are filled with saline at the time of insertion, creating a reservoir of fluid that continuously bathes the eye in oxygenated artificial tears while being worn during waking hours.



BENEFITS OF PROSE

- Reestablishes a healthy and stable ocular surface environment that supports healing and reduces symptoms
- Improves blurry vision by masking surface corneal irregularities and transmitting a sharp image to the back of the eye
- Prevents further damage by protecting and shielding the cornea against the environment and eyelids

“I CANNOT EVER GO without my devices. They are a miracle for comfort. I would be in a dark room with a hot compress over my eyes and in pain if I didn't have them.” -Dry eye patient

DRY EYE SYMPTOMS

In 2010, Boston Foundation for Sight (BFS) conducted an online survey of more than 1,000 people with corneal disease. For the 511 survey respondents 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 moderate or severe light sensitivity
- 75% had difficulty driving at night
- 74% had difficulty with work or hobbies that require seeing up close

TREATMENT SUCCESS

BFS also asked dry eye respondents about their success with a variety of treatments. Here is what they had to say about the most common:

- 4% had significant success with oral antibiotics, fish or flaxseed oil
- 4% with punctal plugs
- 5% with topical immunosuppressant medications (Cyclosporine/Restasis)
- 8% with topical steroids
- 13% with artificial tears, lubricant gel, or lubricant ointment

77% had significant success with PROSE





About PROSE Providers

As of March 2012, there are seventeen top-ranked specialty eye care institutes located in academic medical centers and clinics in the U.S. and abroad that offer PROSE.

During their treatment, each patient is partnered with cornea specialists and an optometrist who has completed an intensive nine-week PROSE Clinical Fellowship at Boston Foundation for Sight.



PROSE treatment teams will work with you and your support network to understand your specific needs, and to create devices that successfully replace ocular surface system functions, improve vision and restore your quality of life.

PROSE providers are independently owned and operated, managing scheduling and insurance and providing ongoing care.

Please contact a PROSE provider today to make an appointment or visit www.bostonsight.org to learn more about how PROSE can help you!

PROSE Providers

ALKEK EYE CENTER, HOUSTON, TX
Baylor College of Medicine
(713) 798-6109 www.bcm.edu/eye

BASCOM PALMER EYE INSTITUTE, MIAMI, FL
University of Miami
Opening Spring 2012

BOSTON FOUNDATION FOR SIGHT, NEEDHAM, MA
(781) 726-7337 www.bostonsight.org

BROOKE ARMY MEDICAL CENTER, SAN ANTONIO, TX
(210) 916-9900

DOHENY EYE INSTITUTE, LOS ANGELES, CA
University of Southern California
(323) 442-6337 www.doheny.org

ILLINOIS EYE AND EAR INFIRMARY, CHICAGO, IL
University of Illinois College of Medicine
(312) 996-5410 www.uic.edu/com/eye

KELLOGG EYE CENTER, ANN ARBOR, MI
University of Michigan
(734) 232-8400 www.kellogg.umich.edu

MASSACHUSETTS EYE AND EAR
Boston, MA

NORTH SHORE — LIJ HEALTH SYSTEM, GREAT NECK, NY
Great Neck, NY www.northshorelij.com

PROCTOR FOUNDATION, SAN FRANCISCO, CA
University of California, San Francisco
Opening Spring 2012

WEILL CORNELL EYE ASSOCIATES, NEW YORK, NY
Weill Cornell Medical College
(646) 962-2020 www.weillcornelleye.org

WILMER EYE INSTITUTE, BALTIMORE, MD
Johns Hopkins
(410) 955-5257 www.hopkinsmedicine.org/wilmer

Please visit www.bostonsight.org/providers for the most current list, including providers in India, Iran and Japan.