



BOSTON FOUNDATION *for* SIGHT

Stevens Johnson Syndrome: How BostonSight® PROSE Treatment Can Help

“**I AM ABLE TO WORK** full time and raise two kids because I have my life back. I am a better Mom, wife and teacher because of what you do. Thank you from the bottom of my heart.”

— SJS patient





SJS AND THE EYE

Every year approximately 33,000 people worldwide are stricken with Stevens Johnson syndrome (SJS), including 1,500 in the United States. SJS and a more severe variant of the disease, toxic epidermal necrolysis syndrome (TENS), are intense immune reactions to medication or infection. SJS and TENS cause severe blistering of the skin and mucous membranes, including the eyes. For as many as 5% of those with SJS and 40% of those with TENS, the syndrome is fatal.

SJS can permanently damage the inside of the eyelids, causing the lid edges to become rough and develop abnormal fine lashes that rub against the cornea. SJS also damages tear, mucous and oil glands that are critical to maintaining a healthy ocular surface. SJS can lead to extreme pain and light sensitivity, and scarring resulting in blindness.

Currently there is no cure for the damage to the eyes caused by SJS — **but there is help.**

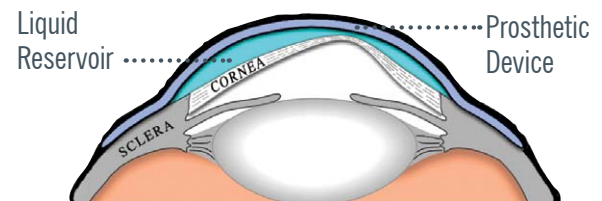
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— SJS patient

BOSTONSIGHT PROSE TREATMENT

Hundreds of patients with Stevens Johnson syndrome have had their vision restored and quality of life transformed with our innovative treatment, prosthetic replacement of the ocular surface ecosystem (PROSE) 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. PROSE is available at a growing number of top-ranked academic medical centers and clinics through our BostonSight Network.

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:

- Reestablish a healthy and stable ocular surface environment that supports healing and reduces symptoms
- 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



“I WENT FROM BEING AN

active working mom to being totally incapacitated. PROSE gave me my life back after 17 years of pain, FDA studies, and no success in treating any of my symptoms.”

— SJS patient

SYMPTOMS AND TREATMENT SUCCESS

Recently, Boston Foundation for Sight conducted an online survey of more than 1,000 people with corneal disease.

SYMPTOMS

For the 156 respondents diagnosed with SJS/TENS, including 37 PROSE patients:

- 79% had moderate or severe light sensitivity
- 76% had eye pain or discomfort
- 69% had difficulty reading regular print newspapers, magazines or websites
- 68% had difficulty driving at night
- 68% had difficulty with work or hobbies that require seeing up close

TREATMENT SUCCESS

When asked about success with a variety of treatments:

- 3% had significant success with oral antibiotics, fish oil or flax seed oil
- 10% with topical immunosuppression (Restasis / cyclosporine)
- 12% with topical antibiotics
- 13% with topical steroids
- 18% with artificial tears, lubricant gel or lubricant ointment

90% had significant success with BostonSight® PROSE

100% had moderate or significant success



RESTORING SIGHT - RECLAIMING LIVES

Boston Foundation for Sight 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 our founding in 1992, we have restored vision to thousands of patients.

Through partnerships with the acclaimed Massachusetts Eye and Ear and New England College of Optometry, Cornea Fellows and Optometry Residents are educated in the latest treatments and join doctors in cutting edge clinical research.

PATIENT SERVICES AND AMENITIES

Compassionate care is at the heart of our approach to patients and their families. We strive to make the entire treatment experience as supportive and healing as possible.

Our Needham, MA Center of Excellence includes a Medical Institute, a BostonSight® PROSE Device Manufacturing Lab, a Clinical Research Center and a Patient & Community Support Center.

Onsite patient amenities include a community kitchen with complimentary food, a low-light quiet room, free wireless internet in our lounge, and a media and game room. Online supports include our *Connected Visions* blog, *PROSE Eye View* e-bulletin and a thriving Facebook community.

To learn more please visit www.bostonsight.org.

SCHEDULE A CONSULTATION!

Contact our New Patient Affairs department today at www.bostonsight.org/contact or 781-726-7501 to learn more about PROSE or set up a medical consultation.

INSURANCE COVERAGE

Almost 80% of our patients are covered by insurance and/or financial assistance. Our staff works with each patient and health insurance providers to obtain prior authorizations when necessary and are happy to help with financial assistance applications.

FOR PHYSICIAN REFERRALS

For new patient referrals or inquiries from medical professionals please call our Physician Referral Hotline at 781-726-7501 or email doctorinquiries@bostonsight.org.

You can also complete our Physician Referral Form online at www.bostonsight.org/doctors and fax it along with your last note to 781-726-7311; or email the form and your note to doctorinquiries@bostonsight.org.

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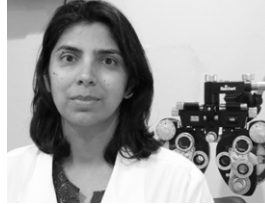




MEET OUR DOCTORS



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BOSTONSIGHT NETWORK

ALKEK EYE CENTER
Baylor College of Medicine, Houston, TX

BASCOM PALMER EYE INSTITUTE
University of Miami, Plantation, FL

BOSTON FOUNDATION FOR SIGHT
Needham, MA

BROOKE ARMY MEDICAL CENTER
San Antonio, TX

ILLINOIS EYE AND EAR INFIRMARY
University of Illinois College of Medicine, Chicago, IL

FLAUM EYE INSTITUTE (OPENING WINTER 2015)
University of Rochester, Rochester, NY

KELLOGG EYE CENTER
University of Michigan, Ann Arbor, MI

MASSACHUSETTS EYE AND EAR
Boston, MA

NORTH SHORE — LIJ HEALTH SYSTEM
Great Neck, NY

PROCTOR FOUNDATION
at University of California, San Francisco, CA

USC 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.