



BOSTON FOUNDATION *for* SIGHT

## Stevens Johnson Syndrome: How PROSE Treatment Can Help

**“PRIOR TO GETTING PROSE**, life was hard. Everything that I loved to do was slipping away...that all changed the day I got PROSE.”

-SJS patient

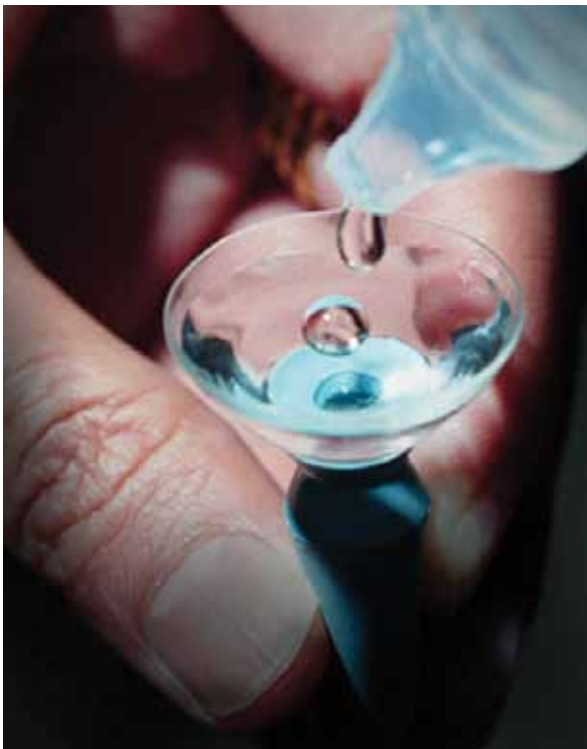




## SJS AND THE EYE

Every year approximately 33,000 people are stricken with Stevens-Johnson syndrome (SJS); 1,500 in the United States. SJS and a more severe variant of the disease, toxic epidermal necrolysis syndrome (TENS), are intense immune sensitivity reactions to medications or infections. SJS/TENS can 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 syndromes are fatal.

SJS/TENS can permanently damage the inside of the eyelids, causing the margins to become rough and develop abnormal fine lashes that rub against the cornea. The syndrome also damages tear and oil glands that are critical to maintaining a healthy ocular surface ecosystem, causing impaired vision and extreme pain and light sensitivity. Left untreated, it can lead to extensive tissue damage and scarring that can result in blindness.



## PROSE TREATMENT

Hundreds of patients with chronic ocular GVHD - 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).

Developed by Boston Foundation for Sight and also available at fifteen 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.

**“I WENT FROM BEING AN** active working single 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

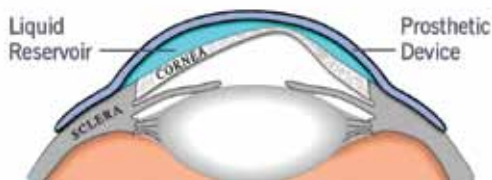




## PROSE TREATMENT

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.

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

For hundreds of SJS/TENS patients whose vision was restored with PROSE, the real payoff is reclaiming their independence - and their lives.

## SJS/TENS SYMPTOMS

In 2010, Boston Foundation for Sight conducted an online survey of more than 1,000 people with corneal disease.

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

- 80% had moderate or severe light sensitivity
- 76% were worried about their eyesight
- 76% had eye pain or discomfort
- 69% had difficulty reading regular print newspapers, magazines or websites
- 68% had difficulty driving at night

## TREATMENT SUCCESS

We also asked SJS/TENS respondents about their success with a variety of treatments. Here is what they said about the most common:

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

## 90% had significant success with PROSE





## Restoring Sight — Reclaiming Lives

Boston Foundation for Sight is an internationally 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.

We enjoy partnerships with the acclaimed Massachusetts Eye and Ear and New England College of Optometry; each year Cornea Fellows and Optometry Residents come to BFS to be educated in the latest treatments for corneal disease, and join our medical staff in clinical research on cutting-edge tools in the fight against insidious diseases of the ocular surface system.

### 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 13,000 square foot facility includes a state-of-the-art manufacturing lab, a Medical Institute with 13 exam and training rooms, and a Clinical Research Center. Our Patient and Community Support Center resources include facilitated one-to-one and group conversations; community networking, outreach and educational events; and our Connected Visions blog, PROSE Eye View e-bulletin, and Facebook community.

Visit [www.bostonsight.org](http://www.bostonsight.org) to learn more.



Complimentary breakfast and lunch are served in our community kitchen. Throughout the day between appointments, patients can be found relaxing in our low-light quiet room, catching up with work or family via wireless internet in our lounge, or watching a DVD and playing games in our media room. The BFS apartment, a short walk from our facility, is available to out-of-town patients for a small fee. We coordinate a private car service, and onsite parking is ample and free.

### CALL US TODAY FOR A CONSULTATION!

Contact our New Patient Affairs department today at 781-726-7501 to learn more or set up a medical consultation.

### FOR PHYSICIAN REFERRALS

For new patient referrals or inquiries from medical professionals please call our Physician Referral Hotline at 781-726-6033.

Fill out our Physician Referral Form online at [www.bostonsight.org/doctors](http://www.bostonsight.org/doctors) and fax it along with your last note to 781-726-7311.





## Meet Our Doctors



Perry Rosenthal, MD  
FOUNDING PRESIDENT



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Ryan Ridges, MD



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## PROSE Providers

ALKEK EYE CENTER  
Baylor College of Medicine, Houston, TX

BROOKE ARMY MEDICAL CENTER  
San Antonio, TX

DOHENY EYE INSTITUTE  
University of Southern California, Los Angeles, CA

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

NORTH SHORE — LIJ HEALTH SYSTEM  
Great Neck, NY

PROCTOR FOUNDATION  
at University of California, San Francisco, CA

WEILL CORNELL EYE ASSOCIATES  
Weill Cornell Medical College, New York, NY

WILMER EYE INSTITUTE  
at Johns Hopkins, Baltimore, MD

Each PROSE provider is independently operated, managing its' own scheduling and insurance and provides ongoing care.

[www.bostonsight.org/providers](http://www.bostonsight.org/providers) for the most current list, including PROSE clinics in India, Iran and Japan.