

Building the foundation for the future

# ABOUT BOSTONSIGHT

BostonSight is a nonprofit eye health and research center dedicated to restoring vision and improving quality of life. We strive to transform the understanding, treatment, and care of complex corneal disease within the global medical community and the public at large and empower practitioners to elevate the standard of care for patients.

# Vision

A world where no one suffers loss of sight from corneal irregularities or ocular surface disease.

# Mission

To improve quality of life by transforming the understanding, treatment, and care of the ocular surface.





### **CLINICIANS**

Dr. Daniel C. Brocks, MD *Chief Medical Officer* 

Dr. Karen G. Carrasquillo, OD, PhD, FAAO, FSLS, FBCLA VP, Clinical and Professional Affairs

Dr. Bita Asghari, OD, FAAO

Dr. Alan Kwok, OD, FAAO, FSLS

Dr. Chirag Patel, OD, FAAO

Dr. Kellen Riccobono, OD, FAAO

### **SENIOR STAFF**

Sara Yost, President & CEO

Glen Bunnell, Chief Financial Officer

Manoel Carvalho, Manager of Lab Operations

Melinda Kimball, Manager of Human Resources

Ilene Knopping, Director, BostonSight Network

Laurel Lucrezia, Chief Business Development Officer

Darlene Riordan, Clinical Operations Manager

Tara Stepanian, Manager of Annual Giving

Olga Tomashevskaya, Director of Engineering



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## **LETTER FROM**

THE CEO

Sara Yost, MBA

and



David Rosenbloom, PhD



2019 seems so long ago. COVID-19 has turned our world upside down. Nevertheless, we have been able to continue our mission - a world where no one suffers loss of sight from corneal irregularities or ocular surface disease - with the foundation we have built over the past years and the extraordinary efforts of our staff and supporters. *Thank you all.* 

In this report we summarize the key activities in 2019 that prepared us for the now uncertain future. We strengthened each of our central tenets: providing extraordinary patient care for the most complex cases; building networks of providers and partners globally to increase access for patients; conducting ground-breaking research; and educating practitioners and patients.

BostonSight has been blessed with a dedicated staff. Last year we recruited and welcomed additional leadership to key positions in research, product development, communications, and finance. This great team is enabling us to both survive the immediate challenges and move forward on our long-term strategic plan to make PROSE treatment and state-of-the-art scleral lens products available to all who need them throughout the world.

In 2019 we received over \$400,000 from donors to support our patient care and research programs. These generous gifts bring the joy of sight without pain to our patients, and tears of joy to their families and friends. Your donations give hope to future generations of patients who will benefit from our research and education.

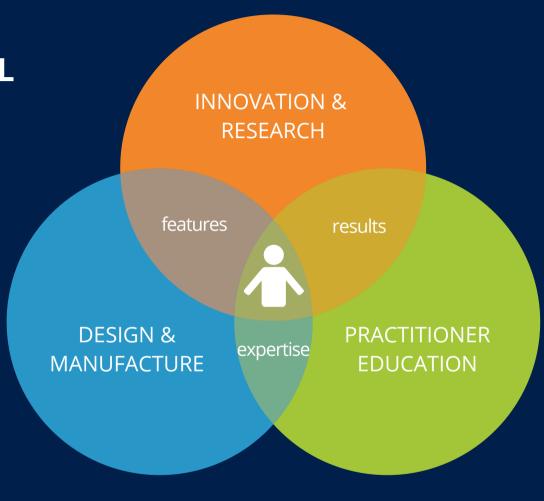
Thank you.

## THE BOSTONSIGHT MODEL

BostonSight is unlike any other eye health center. We operate like an academic medical center, furthering education and continually improving patient outcomes here, in the Needham, MA, clinic and in partner clinics across the world. We:

- provide hands-on experience to optometrists,
- conduct research to improve treatment and lens designs, and
- use technology to empower practitioners.

Patient care is at the heart of all we do





# INNOVATION & RESEARCH

thanks to you

Our clinical research pushes boundaries to expand the understanding, screening, diagnosis, treatment, and long-term prognosis of corneal disease.

In 2019 BostonSight formed our Prospective Clinical Trials Program. We hired our first Clinical Research Coordinator, developed Standard Operating Procedures (SOPs), and trained our doctors in the fundamentals of research.

Our research focuses on:

#### **Design and Manufacturing Innovation**

Working with new imaging and lens-cutting technologies to develop more precise lens fitting processes to optimize patient experience and to expand access to new populations.

#### **PROSE Medical Applications**

Expanding the role of PROSE in medical usage through self-funded prospective research and through collaborations with industry innovators.



"Research studies bring us together with our partners and patients to continue to provide cutting edge treatment and novel therapeutic options."

- Daniel Brocks, MD, Chief Medical Officer

# DESIGN & MANUFACTURE

# thanks to you

In 2019, we expanded and diversified manufacturing capabilities by purchasing new equipment.

Aa new DAC lathe lets us manufacture lenses that fit patients with extreme asymmetrical sclera, expanding the number of patients we can treat.

The purchase of a state-of-the-art NIMO lensometer makes it possible to continue research in Higher Order Abberations (HOA) correction and to more accurately measure lenses with astigmatism correction.

HOA correction is an exciting step forward in specialty lens technology. HOAs are subtle dips and curves in the refractive parts of the eye, including the cornea, that may cause glare, halos, blurring, starburst patterns, double vision, or difficulty seeing at night. Typical contact lenses or glasses are usually ineffective at correcting this condition, however scleral lenses and PROSE devices designed to correct HOAs have been shown to be effective.



# PRACTITIONER EDUCATION

thanks to you

"Education is at the heart of our mission, and with every beat we seek to expand the knowledge and understanding of the ocular surface to elevate the standard of patient care."

- Karen G. Carrasquillo, OD, PhD, VP, Clinical and Professional Affairs



40 residents educated at the inaugural FitAcademy retreat



3 educational webinars to 135 practitioners



6 publications



6 national conferences 4 international conferences (England, Colombia, Italy, and Argentina)





countries where patients are provided treatment or services

\$584K
financial support provided to patients across the PROSE
Network

3,610

eyes fitted with a
BostonSight SCLERAL
lens

1,318
eyes treated with PROSE

\$433K
donated by you

# A GLOBAL VIEW

The need for sight-saving treatment remains high and BostonSight is well positioned to continue to expand across the world. With your support, we can continue to ensure that everyone who needs sight-saving treatment has access to it.

## **DONOR STORY**

Henry Bisgaier's eye problems began in childhood. He was near-sighted and had misshapen corneas. This was before contact lenses were available, and glasses didn't help his condition. As a young man, just before starting law school, he received contact lenses that improved his vision. But they were uncomfortable. He reached a point where he could wear each contact for just three hours a day.

Mr. Bisgaier has keratoglobus, a much rarer and more serious condition characterized by progressive thinning of the corneas. In addition to his worry about ongoing corneal damage, Mr. Bisgaier became concerned he might misread something that could cause harm to his law clients. Because of these factors, he retired early and continued searching for treatment. Things began looking up in 2003, when an ophthalmologist told him about BostonSight.

"It was incredible," says Mr. Bisgaier. "PROSE treatment has been a miracle. The improvement in my vision was dramatic, and the devices are so comfortable, I can wear them the entire day."

Mr. Bisgaier has been a donor since his first contact with BostonSight. "I do this not only because of what was done for me," he says, "but also because of the incredible service that BostonSight provides to so many. From the beginning, BostonSight made a tremendous impact on me, especially because they were committed to helping those who could not afford PROSE treatment."

"I've seen some really inspiring things when I'm there. I recall a woman who, thanks to receiving PROSE treatment, was able to see her children for the first time. You don't forget things like that."



Henry Bisgaier
Keratoglobus





I went to BostonSight two years ago to get PROSE devices made. An amazing place to say the least. They take care of people all over the world. With BostonSight's amazing doctors, my life has changed due to their devices. We had to give back to help to continue their wonderful work.

## **PATIENT STORY**

"There aren't enough words to express how grateful I am to have received PROSE treatment from the amazing team at BostonSight.

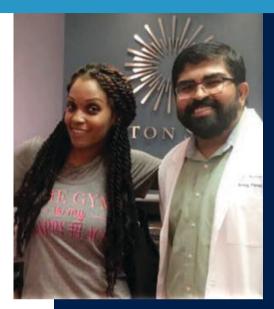
I was diagnosed with keratoconus, a condition where the cornea thins out and bulges like a cone. It altered my vision to such a degree that I compare it to being legally blind. It also caused me extreme light and sun sensitivity and dry eye.

My eyes made my world smaller. I couldn't drive or work the way that I could before my keratoconus progressed. They controlled how I lived my life – worrying about driving.

I tried to keep my spirits high and be optimistic, but my eyes kept winning the battle. That was until I was referred to BostonSight by Dr. Kristin Hammersmith, a wonderful cornea specialist practicing at Wills Eye Hospital in Philadelphia.

Once I arrived at BostonSight, I was introduced to my PROSE clinician, Dr. Chirag Patel, who was just amazing. The fitting of my PROSE devices was a life-changing process.

The devices keep my eyes moist and shield my corneas from eyepiercing light sensitivity. They are designed to fit specifically on my eyes and offer me much improved vision and comfort. They have made the day-to-day things that we all take for granted possible again.



Tara, with her BostonSight PROSE provider, Dr. Chirag Patel

# Tara Seldon

Keratoconus

"As a young mother of four, I have a natural love for life. The PROSE devices have brought significant joy back into my life. I am SO grateful!"

2019

## **DONOR ROLL**

# Lifetime Giving

#### \$250.000 - \$999.999

Lorne Abony
Frank and Diana Berry
Bruce and Holly Johnstone
Michael and Myra McCoy
Nehemias Gorin Foundation and
Gorin Family Endowment
The Samuel Rapaporte, Jr. Foundation
The Thomas Anthony Pappas
Charitable Foundation
Kate and Seymour Weingarten



#### \$100.000 - \$249.999

Anonymous Harry and Honey Birkenruth Henry and Diane Bisgaier Blue Cross Blue Shield of Massachusetts Foundation Boston Eye Associates, PC Irena Bronstein and Eugene Bonte Charitable Foundation Florence & Richard Koplow Charitable Foundation John W. Henry Family Foundation Marino Charitable Foundation Michael and Helen Schaffer Foundation Michael L. Nash and Carolyn Duffy Robert and Ruth Remis Robert Schaeberle Enid Starr, Esq. The Abraham Shapiro Charity Fund The Barbara Epstein Foundation Inc. The Charles Evans Foundation Tonna Charitable Trust

#### \$50.000 - \$99.999

Anonymous (2) Evelyne Balboni Theodore W. and Evelyn G. Berenson **Bresky Foundation Corporation** Comenitz Family Foundation LeRoy and Jane Crosby Sumner and Esther Feldberg Gerald Flaxer Charitable Foundation **Howard Gorin** Allan and Anne Greenberg John and Olga Guttag Ann Hintlian Paul T. LaRocca Avinash and Anuja Lele Max and Selma Kupferberg Family Foundation Michael Moskow Larry Plotkin Howard Stoner and Carol Stoner Alan and Ann Strassman Paul Szczygiel Warren Alpert Foundation Joseph and Susan Zienowicz

2019

## **DONOR ROLL**

#### \$25,000 and above

John W. Henry Family Foundation Michael and Myra McCoy

#### \$10,000 -\$24,999

The Barbara Epstein Foundation Inc.
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Henry and Diane Bisgaier
Eugene and Irena Bonte
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Allan and Anne Greenberg

#### \$5,000 - \$9,999

Pamela Anderson
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Bruce and Holly Johnstone
Margaret Kelley
Joe Martini
Michael Nash
Michael B. Raizman
David Rosenbloom
Seymour and Kate Weingarten

#### \$1,000 -\$4,999

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# Visionary Circle of Hope Giving Society

"When I remove my [PROSE] devices, I cannot open my eyes at all and am in agony. Without the devices I wouldn't be able to leave my bed. I wouldn't be able to function – that would be my life. I feel blessed that I was able to find BostonSight."

- Heidi G.

2019

### **DONOR ROLL**

#### BostonSight Donors \$500 - \$999

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# Corporate and Matching Gifts

AmazonSmile Foundation

American Airliner Northeast Vanguards

Avidia Charitable Foundation

Chevron Matching Gift Employee Funds

Johnson & Johnson

JP Morgan Chase & Company Workplace Giving

The Lions Club of Weymouth

Needham Bank

Network for Good

PayPal Giving

Purilens, the Lifestyle Company, Inc.

Regeneron Pharmaceuticals, Inc.

Stanhope Garage, Inc.

Tangible Science

Volante Farms

Wellesley Bank Charitable Foundation

The Yana Boutique

2019

## **NUMBERS**



#### **INCOME AND EXPENSES (\$ in 000's)**

		December 31, 2019			December 31, 2018		
INCOME		Decemi	per 31, 2	019	(as adjusted)		
	Needham clinic revenue, net* Network provider clinic revenue, net*	\$	3,661 2,733	\$	3,370 2,753		
	Contributions Other Non-Operating Revenue		433 140 588		268 101 -		
Total Income		\$	7,556	\$	6,493		
EX	PENSES Program services Management and general Fundraising		4,955 1,535 172		4,731 1,308 214		
Total Expenses		\$	6,663	\$	6,253		
Net Income		\$	893	\$	240		

\*Net of financial assistance totaling \$584,588 and \$672,823 in 2019 and 2018 respectively

#### **BALANCE SHEET (\$ in 000's)**

ASSETS CURRENT ASSETS	December 31, 2019 December 31, 2019 (as adjusted)					
Cash and cash equivalents Accounts Receivable Needham Clinic, net of reserve for doubtful accounts of \$160,0 and \$127,000 in 2019 and 20	\$ 00 018,	2,207 798	\$	1,627 682		
respectively Accounts Receivable, Network provider clinics Accounts Receivable, other Inventory Prepaid expenses Total current assets	<u>\$</u>	382 64 261 87 <b>3,799</b>	_\$	310 130 225 112 <b>3,086</b>		
OTHER ASSETS  Restricted Cash  Deposits		185 33		185 33		
Total other assets	\$	218	\$	218		
Property and equipment, net	\$	1,372	\$	792		
Total assets	\$	5,389	\$	4,096		
LIABILITIES AND NET ASSETS						
Current Liabilities Accounts Payable and accrue expenses Current portion of note paya Deferred Revenue		552 86 644		573 - 621		
Total current liabilities:	\$	1,282	\$	1,194		
Note Payable, net of current portion		312	<u> </u>	1,101		
Total liabilities:	\$	1,594	\$	1,194		
Net Assets Without donor restrictions With donor restrictions		3,533 262		2,673 229		
Total net assets:	\$	3,795	\$	2,902		
Total liabilities and net assets:	\$	5,389	_\$	4,096		



Restoring Sight. Changing Lives.