

Bitasghari, OD, FAAO, FSLs

BitasghariOD@gmail.com | Medford, MA, 02155

WORK EXPERIENCE

2017 – present Optometrist
BostonSight, Needham, Massachusetts

2017 Optometrist
Target Optical, Columbus, Ohio

2007 – 2014 Junior Optician and Optical Design
Gary's Custom Optik, Northridge, California

ADMINISTRATIVE APPOINTMENT

2020 – present Associate Director of Clinical Education
BostonSight

2019– 2021 Quality Assurance Clinical Liaison
BostonSight

ACCADEMIC/ TEACHING POSITIONS

2017 – present Adjunct Clinical Faculty
MCPHS School of Optometry

2017 – present Adjunct Clinical Faculty
New England College of Optometry (NECO)

EDUCATION

2016 Doctor of Optometry, *Summa Cum Laude*
Southern California College of Optometry (SCCO) at Marshall B. Ketchum University (MBKU), Fullerton, California

2011 Bachelor of Science, Environmental and Occupational Health, *Cum Laude*
California State University Northridge (CSUN), Northridge, California

PROFESSIONAL TRAINING

2017 Fellowship
Prosthetic Replacement of the Ocular Surface Ecosystem (PROSE), Needham, Massachusetts

2016 – 2017 Residency, Cornea & Contact Lens and Ocular Disease
The Ohio State University (OSU) Department of Ophthalmology & Visual Sciences, Columbus, Ohio

CERTIFICATIONS

2023 Post-Doctoral Education
Glaucoma and Oral Therapeutics, Massachusetts Society of Optometrists (MSO)

2020 Fellow
Scleral Lens Education Society (SLS)

2018 Fellow
American Academy of Optometry (AAO)

COMMITTEE ASSIGNMENTS

Intrepid Eye Society

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2025 – present Vice Treasurer, Board Member
2023 – 2024 Sub-committee Chair, Executive Director
2020 – 2024 Diplomatic Academic Liaison, Board Member

FitAcademy at BostonSight

2018 – present Co-Chair

Eyes on Eyecare

2019 – present Editorial Board Member

HONORS and AWARDS

“Top Doc” Nominee, National Keratoconus Foundation (NKCF) – 2024, 2022, 2021, 2018

“Young OD of the Year”, *Theia Award*, Women in Optometry – 2021

“Photo Contest Winner”, American Academy of Optometry – 2021

“Photo Contest Winner”, Global Specialty Lens Symposium (GSLs) – 2020

“Top Poster Winner”, Hear of American Eye Care Congress (HOAECC) – 2017

“Award of Excellence”, Ocular Instruments – 2017

“Practice Excellence” scholarship, American Optometric Association – 2015

PROFESSIONAL MEMBERSHIP

Fellow, American Academy of Optometry (FAAO)

Fellow, Scleral Lens Education Society (FSLs)

Member, Intrepid Eye Society (IES)

Member, International Keratoconus Academy (IKA)

Member, Gas Permeable Lens Institute (GPLI)

Beta Sigma Kappa, Optometric Honor Society, 2013 – 2016

Co-President, Omega Delta Professional Fraternity 2013 – 2014

INVITED WORKSHOPS

The STAPLE Program, NECO – 2024, 2019

Scleral Lens Workshop, IES Innovations in Technology Conference – 2023, 2022

Wet lab, FitAcademy at BostonSight – 2018 – 2024

GPLI – 2018, 2023

Ambassador, Contact Lens Manufacturing Association (CLMA) Virtual Symposium – 2020

BostonSight SCLERAL, MCPHS College of Optometry – 2019, 2018

PEER REVIEWED PUBLICATIONS

Jan 2025 Gagrialdi M, **Asghari B.** “Two Cases of Therapeutic Scleral Lenses for KID Syndrome.” American Journal of Ophthalmology (AJO) Case Reports

Dec 2024 Carrasquillo K, **Asghari B.**, *et al.* “Pediatric Scleral Lenses: 21-Year Retrospective Review.” Clinical Optometry.

July 2023 **Asghari B.** Carrasquillo K, Kwok K, Sippel K. “Use of PROSE for Long-Term Ocular Surface Support in Patients with a Permanent Keratoprosthesis.” AJO Case Reports.

May 2023 **Asghari B.** Brocks D. “Early Therapeutic Scleral Lens Intervention for Penetrating Keratoplasty Complications in Atopic Keratoconjunctivitis.” Eye & Contact Lens.

April 2022 Liao J, **Asghari B.** Carrasquillo K. “Regression of Corneal Opacity and Neovascularization in Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis with the Use of Prosthetic Replacement of the Ocular Surface Ecosystem (PROSE) Treatment.” AJO Case Reports

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- Jan 2022 **Asghari B**, Brocks D, Carrasquillo K, Crowley E. "OSDI Outcomes Based on Patient Demographic and Wear Patterns in Prosthetic Replacement of the Ocular Surface Ecosystem." Clinical Optometry.
- 2022 Image Contributor, "Curbside Consultation in Cornea and External Disease, 2nd Edition." Hardten and Hansen. Contributed high-resolution images of a herpetic dendritic corneal ulcer (cover image and page 186).

NON-PEER REVIEWED PUBLICATIONS

- May 2024 **Asghari B**. "The Ocular Manifestations of GVHD" Modern Optometry
- Oct 2023 **Asghari B**. "Vision Unshackled: Liberating from Keratoconus with HOA Correction" The Advisor, GPLI Lens Institute
- March 2023 **Asghari B**. "Why Pursue Optometry Residency" Eyes on Eyecare
- Nov 2021 **Asghari B**. "Sight After Hydrop: One Cornea's Journey" Eyes on Eyecare
- Oct 2021 **Asghari B**. "Considerations for Scleral Lens Wearers with Glaucoma" Eyes on Eyecare
- April 2021 **Asghari B**. "Haunted by Ghosting: HOA Correction in Keratoconus" Global Insight, Contamac
- March 2020 **Asghari B**, Hauswirth S. "Tales of Corneal Clarity: Managing Significant Limbal Stem Cell Deficiency" Modern Optometry
- April 2019 **Asghari B**. "Allergy Management in Scleral Lens Wearers" Modern Optometry

LECTURES

REGIONAL

- Sep 2024 **Asghari B**, Sotomayor P. "Just You and Your Slit Lamp" FitAcademy, Needham, MA
- Sep 2024 **Asghari B**, Carrasquillo K. "It's an OSD World and Sclerals are Living in it" FitAcademy, Needham, MA
- Sep 2023 **Asghari B**, Mundy C. "Just You and Your Slit Lamp" FitAcademy, Needham, MA
- Sep 2023 **Asghari B**, Carrasquillo K. "It's an OSD World and Sclerals are Living in it" FitAcademy, Needham, MA
- Sep 2022 **Asghari B**. "A Tale of Two Channels" FitAcademy, Needham, MA
- Sep '21, '22 **Asghari B**. "Management Consideration in Ocular Surface Disease FitAcademy, Needham, MA
- Sep 2021 **Asghari B**, Carrasquillo K. "Elevating Your OSD Management to the Next Level" FitAcademy, Needham, MA
- Sep 2021 **Asghari B**, Carrasquillo K. "Managing Scleral Lens Complications Beyond the Fit" FitAcademy, Needham, MA
- Sep 2020 **Asghari B**. "Allergies and Scleral Lenses", FitAcademy, Needham, MA
- Sep 2020 **Asghari B**, Patel, C. "Thinking Beyond the HVID: the Art of Observation" FitAcademy, Needham, MA
- Sep 2019 **Asghari B**. "Scleral Lens Troubleshooting" FitAcademy, Needham, MA
- Sep 2019 **Asghari B**, Riccobono K. "Irregular Cornea and Ocular Surface Disease" FitAcademy, Needham, MA

NATIONAL

- Jan 2025 **Asghari B**, Dave A. "Navigating the Terrain of the Eyelid and the Conjunctiva in Scleral Lens Fitting."
- May 2024 **Asghari B**. "Eyes Wide Open: Discovering the Wonders of Scleral Lenses." New Technologies & Treatments in Eye Care, Carlsbad, CA
- May 2024 **Asghari B**. "Fogging Lens. Clear Solutions." International Congress of Scleral Contacts ICSC, San Diego, CA
- May 2024 **Asghari B**. "Fenestrations: Bubble Dynamics." International Congress of Scleral Contacts ICSC, San Diego, CA
- Oct 2023 **Asghari B**, Jedlicka J. "Scleral Lenses: Cornea Tales from the Trenches." AAO, New Orleans, LA
- Oct 2023 **Asghari B**, Carrasquillo K. "Suction Busting Scleral Lenses: A Guide to Fenestrated Scleral Lenses." AAO, New Orleans, LA

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Aug 2023	Asghari B , McGee S, Gelles J. "In Focus: A Journey Through Innovative Contact Lens Technologies." New Technologies & Treatments in Eye Care, Savannah, GA
Feb 2023	Asghari B . "Adopt the Treatment Your Patients Need: Scleral Lenses for Ocular Surface Disease." HOAECC, Kansas City, MO
Feb 2023	Asghari B . "The Dynamic Duo: Keratoconus and Scleral Lenses." HOAECC, Kansas City, MO
Feb 2023	Asghari B . "How Do I Fix This? Basics of Scleral Lens Troubleshooting." HOAECC, Kansas City, MO
July 2022	Asghari B , Carrasquillo K. "Don't Call it a Comeback: Fenestrations in Modern Scleral Lens Fitting." ICSC, Fort Lauderdale, FL
June 2022	Asghari B , Barnett M, Gelles J. "Therapeutic CL: From Soft to Scleral." Innovations and Implementations in Practice, Newport Beach, CA
Jan 2022	Pisano S, Morrison S, Asghari B , Carrasquillo K. "Let's get SMART about scleral lens design: from A(berration) to Z(uccess)!" GSLS, Las Vegas, NV
Nov 2021	Asghari B , Kwok A. "Better and Brighter: HOA Correction with Scleral Lenses." AAO, Boston, MA
Nov 2018	Asghari B . "The Missing Link in ABI: Can Scleral Lenses Help?" AAO, San Antonio, TX
Feb 2018	Asghari B . "Pain with Sclerals? Learn How a Data-Driven Lens Design with Built-in Scleral Shape Can Help." Vision by Design (VBD) Orlando, FL
June 2017	Asghari B . "Management of Ocular Surface Disease in Progressive Supranuclear Palsy." The OSU College of Optometry, Columbus, OH
May 2017	Asghari B . "Quality of Life Measures of Ocular Surface Disease Patients Treated with a Commercially Available Scleral Lens." The OSU Department of Ophthalmology & Visual Science, Columbus, OH
March 2017	Asghari B . "Scleral Lens for Management of Ocular Surface Disease in cGVHD." The OSU Ophthalmology & Visual Science, Columbus, OH
Nov 2016	Asghari B . "Neuromyelitis Optica." Orange County Retina, Fullerton, CA
July 2015	Asghari B . "Breaks, Splits and Detachments of the Retina." University Eye Center Los Angeles (UECLA), Los Angeles, CA
June 2015	Asghari B . "Solar Retinopathy." UECLA, Los Angeles, CA

INTERNATIONAL

Oct 2021	Asghari B . "Blepharophimosis Syndrome" Indian Contact Lens Education Program (ICLEP) Virtual Conference
Dec 2020	Asghari B . "BostonSight SCLERAL- The First and Only Evidence-Based lens Design" Indian Optometric Association (IOA) Virtual Conference
April 2020	Carrasquillo K, Asghari B . "Resolviendo Problemas Con Lenstes Esclerales" Spectrum International (Latin America) Virtual Webinar

VIRTUAL

May 2024	Asghari B . "Golden Age in Therapeutic Scleral Lenses." Implementation Pathways to Dry Eye Practice Success, Eyes on Eyecare
Feb 2024	Asghari B . "Scleral Lens Spotlight: Mastering the Basics in OSD." ODs on Finance, Dry Eye Summit.
Nov 2022	Asghari B , Hauswirth S. "A 'Niche' Situation: Limbal Stem Cell Deficiency Diagnosis and Management." SCCO Lecture Series.
March 2022	Asghari B . "Ocular Surface Inflammation and Immunological Disease." Eyes on Dry Eye 2022
Nov 2021	Asghari B . "Overcoming Scleral Lens Failures." Eyes On 2022
Oct 2021	Asghari B . "Blepharophimosis Syndrome." Indian Contact Lens Education Program (ICLEP) Virtual Conference
June 2021	Asghari B . "Glaucoma in a Scleral Lens Practice." Eyes on Glaucoma

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June 2021	Asghari B. "From Failure to Fit: Converting Scleral Lens Losses to Wins." Intrepid Eye Society (IES)
Dec 2020	Asghari B. "BostonSight SCLERAL- The First and Only Evidence-Based lens Design." Indian Optometric Association (IOA) Virtual Conference
Nov 2020	Asghari B. "The Wonderful World of Scleral Lenses: Indications for Irregular Corneas and Ocular Surface Disease." Maine Optometric Association (MOA) Virtual Conference
Nov 2020	Asghari B. , Hauswirth S. "'What About the Conj?'" Redirecting the Focus in OSD management." MOA Virtual Conference
Oct 2020	Asghari B. , Hauswirth S. "Happy Conj, Happy Cornea: Redirecting the Focus in OSD Management." AAO Virtual Conference
Aug 2020	Asghari B. , Russel B. "Channeling" Scleral Lens Complications: Crash Course in the Use of SmartChannel Technology." BostonSight Virtual Seminar
Aug 2020	Asghari B. , Hauswirth S. "It's Not Rare if it is in Your Chair: The Albino Zebras of OSD." Everything Dry Eye
July 2020	Asghari B. , Lang J, Gelles J, Hauswirth S. "Management Strategies for Severe Ocular Surface Disease: From Amnion to Scleral Lenses." Intrepid Eye Society (IES)
April 2020	Carrasquillo K, Asghari B. " <i>Resolviendo Problemas Con Lenstes Esclerales.</i> " Spectrum International (Latin America) Virtual Webinar
Sep 2019	Asghari B. , Riccobono K. "Scleral Lenses for Irregular Corneas and OSD." FitAcademy, Needham, MA
Sep 2019	Asghari B. , Carrasquillo K. "Scleral Lens Troubleshooting." FitAcademy, Needham, MA
Sep 2019	Asghari B. "Everything You Wanted to Learn About Scleral Lens Troubleshooting!" BostonSight

POSTERS

June 2024	Elqeni E, Asghari B. "Graft Rejection Masquerading as Midday Fogging" American Optometry Association (AOA) Optometry's Meeting, Nashville, TN
June 2023	Saint-Franc H, Asghari B. "PROSE Treatment for Management of Limbal Stem Cell Deficiency" American Optometry Association (AOA) Optometry's Meeting, Washington DC
Jan 2022	Asghari B. "Resolution of Bullous Corneal Edema with Use of Haptic Fenestrations Scleral Lens for Management of Ocular GVHD" GSLs, Las Vegas, NV
June 2020	Branca V, Asghari B. "Treatment of Persistent Epithelial Defect in a Pediatric Patient with Vernal Keratoconjunctivitis" AOA Optometry's Virtual Meeting
June 2020	Caron B, Asghari B. "PROSE Treatment for Persistent Epithelial Defect of a Corneal Graft in GVHD" AOA Optometry's Virtual Meeting
June 2020	Hall T, Asghari B. "Prone to Prolapse" AOA Optometry's Virtual Meeting
Jan 2020	Dhami P, Asghari B. "Use of Scleral Notch to Maximize Coverage of the Ocular Surface in Exposure Keratoconjunctivitis" GSLs, Las Vegas, NV
Sep 2019	Asghari B. "HOA Correction in PROSE Treatment" Biennial Cornea Conference · Boston, MA
Feb 2017	Asghari B. , Mundy C. "Scleral Lens for Management of Ocular Surface Disease in cGVHD" HOAECC, Kansas City, MO
Jan 2017	Asghari B. , Mundy C. "Scleral Lens for Management of Ocular Surface Disease Following Penetrating Keratoplasty in a Patient with SJS" GSLs, Las Vegas, NV
Oct 2016	Asghari B. , Pisano S. "Never Too Late for the Oblate" East West Eye Conference, Cleveland, OH

CLINICAL RESEARCH

2024	Mental Health and PROSE BostonSight, Needham, MA
2022	Novartis/ SAHARA clinical trial for treatment of chronic ocular pain

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	BostonSight, Needham, MA
2019 – 2021	Tangible Boost in Dry Eye Patients BostonSight, Needham, MA
2018 – 2019	Scleral Lens as a Drug Delivery System BostonSight, Needham, MA
2018 – 2019	Development of a Novel Scleral Lens Design BostonSight, Needham, MA
2017	HOA Correction with Wavefront Customization in Scleral Lens Prosthetic Device BostonSight, Needham, MA

PODCASTS

Aug 2022	Long-Term Outcomes of Cataract Surgery in Patients with Chronic Graft-Versus-Host-Disease AAO Foundation Clinical Podcast Series, Anterior Segment Disease Section
June 2022	The Intersection of Sclerals and Dry Eye Disease Clique on Dry Eye, Dry Eye Coach
June 2022	Is it a Fit or an Eye Issue? Try Not to Blink

COMMUNITY OUTREACH

2012 – 2016	Student Volunteer Optometric Services to Humanity (SVOSH)
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ELECTRONIC HEALTH RECORDS

EYEMD
EPIC

LANGUAGES

Farsi	Conversational
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STATE LICENSURE

2017 – present	TPA + GC Certified Optometrist · Massachusetts Board of Registration in Optometry
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REFERENCES

Available upon request