

The Leading Global Contact Lens Conference



GLOBAL SPECIALTY LENS SYMPOSIUM

PRESENTED BY

Contact Lens
SPECTRUM



COURSE BOOK

JANUARY 18-21, 2023

HORSESHOE • LAS VEGAS

GSLSYMPOSIUM.COM

 **BROADCASTMED**

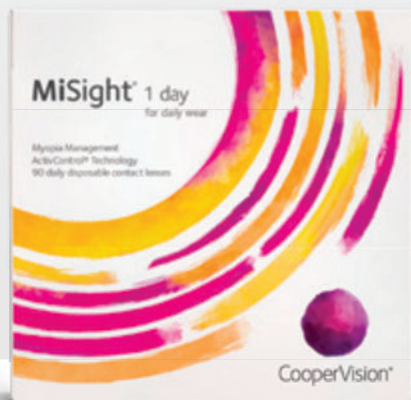
MiSight[®] 1 day

is the **FIRST** and **ONLY** one for myopia control
in age-appropriate children^{*†}

On average, children
wearing MiSight[®] 1 day
progressed **less than**
-1.00D over 6 years^{1‡}



**NOW
AVAILABLE
up to
-7.00D**



FDA-Approved*

How can myopia control with
MiSight[®] 1 day benefit your practice?
Learn more at **CooperVision.com**.



CooperVision[®]

MiSight[®] 1 day
for daily wear

***Indications for use:** MiSight[®] 1 day (omafilcon A) soft (hydrophilic) contact lenses for daily wear are indicated for the correction of myopic ametropia and for slowing the progression of myopia in children with non-diseased eyes, who at the initiation of treatment are 8-12 years of age and have a refraction of -0.75 to -4.00 diopters (spherical equivalent) with ≤ 0.75 diopters of astigmatism. The lens is to be discarded after each removal.

† Soft contact lens designed for myopia control in the U.S.

‡ Fitted at 8-12 years of age at initiation of treatment.

References: 1. Chamberlain P, Arumugam B, Jones D et al. Myopia Progression in Children wearing Dual-Focus Contact Lenses: 6-year findings. *Optom Vis Sci* 2020;97(E-abstract): 200038.

WELCOME!

January 18, 2023

Welcome to the 2023 Global Specialty Lens Symposium (GSLs), presented by *Contact Lens Spectrum*. We are pleased and honored that you have traveled to Las Vegas and chosen to attend this conference as we celebrate our 17th year. We are so thrilled to again be hosting you in person as the camaraderie and companionship at an in-person event cannot be beat! The Program Committee has worked diligently this past year to arrange the education for this meeting and we hope that you enjoy the lectures, poster presentations, and breakout sessions from the world's leaders in the contact lens field. We are especially grateful to those expert lecturers who have agreed to participate in this event.

We kick off GSLs 2023 with the International Forum for Scleral Lens Research (IFSLR), which we are very proud to co-host with IFSLR founder and program chair, Jan Bergmanson, OD, PhD. This year, there are many COPE-approved Continuing Education (CE) Breakout Sessions to provide you with many opportunities to hear from contact lens experts on contact lenses from A to Z. CE breakouts allows us to bring in new topics, new perspectives, and new speakers, with an expanded call for courses from around the globe contributing to the overall CE options. The cornerstone of the education program remains the General Sessions with scientific and clinical presenters the world's premier speakers within the cornea and contact lens community. Lastly, we have four workshops that will cover scleral lens fitting, contact lens fitting adventurer, orthokeratology, and specialty contact lens fitting in Espanola!

Please take time during scheduled exhibit hours to visit the vendors in Exhibit Hall and view the wonderful technologies available to improve your success with your patients who have special contact lens, ocular surface, or myopia needs. Many of those sponsors and exhibitors will be sharing more information at breakfast seminars and breakout sessions, so plan on attending those as well.

Amanda Barton, Jackie Lombardi, and Laura Shepherd of the Conference Department have managed the day-to-day tasks to make this meeting happen and they will be available throughout the event. Please approach them if you have any questions this weekend.

And, last but not least, we would like to thank the sponsors of the GSLs. If it were not for them, there would be no way that we could hold this premier event. It is with our deepest gratitude that we wish to thank each and every sponsor, and we hope this meeting is as fulfilling to you as it is to each of the attendees.

Enjoy GSLs 2023.

Regards,

GSLs Program Committee:

Jason J. Nichols, OD, MPH, PhD (Executive Chair)

Karen DeLoss, OD (Vice Chair)

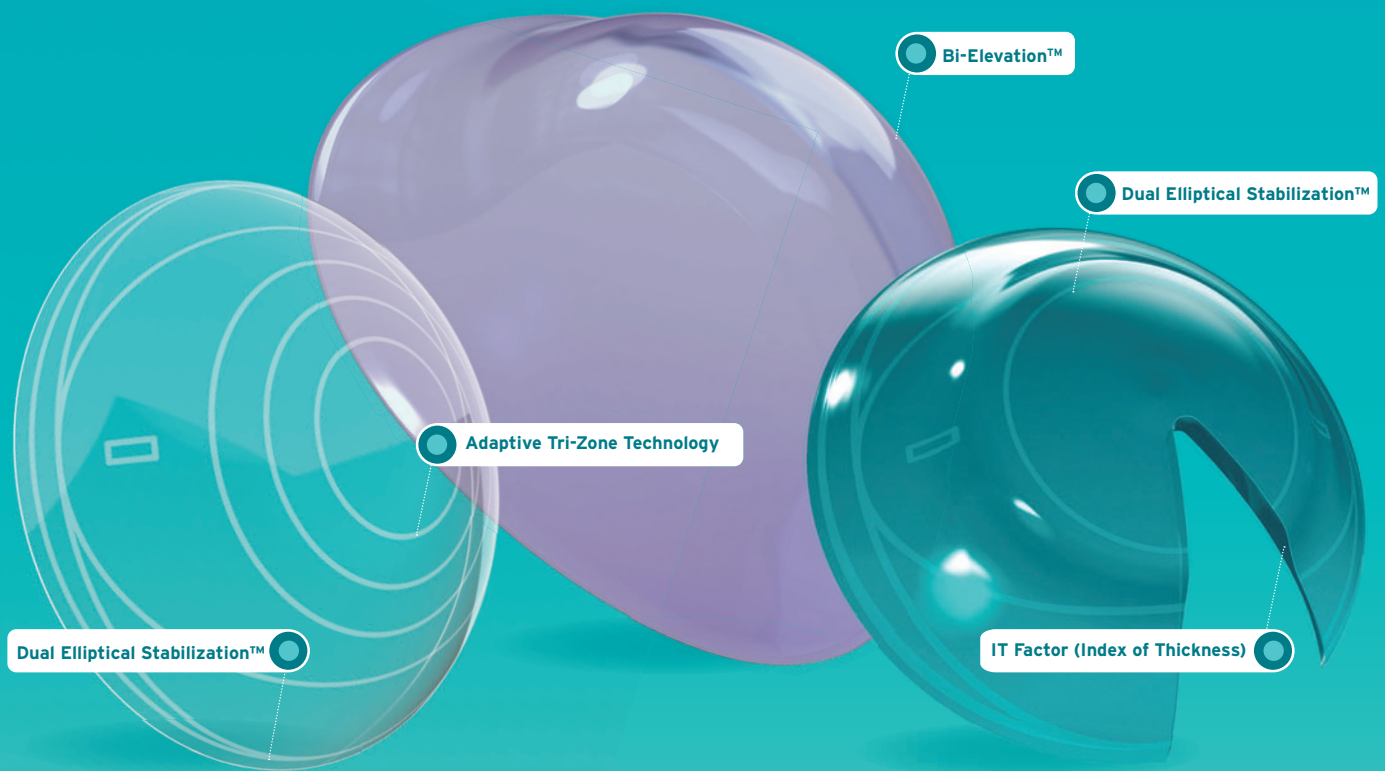
Patrick Caroline

Eef van der Worp, BOptom, PhD

Ashley Wallace-Tucker, OD

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From sclerals to custom soft lenses, explore the advanced technologies and innovative features that bring simplicity to specialty lens fitting. **Visit booth 101 to learn more.**



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IMPORTANT CE INFORMATION



HOW IS CE CREDIT TRACKED?

It is your responsibility to be sure you are scanned in at the beginning of each lecture. Anyone entering the room after 10 minutes of the start of a 1 hour lecture (or 20 of a 2 hour lecture) will NOT receive credit for that lecture.

ANYONE DEPARTING EARLY WILL NOT RECEIVE CREDIT.



WHAT TYPE of CREDITS ARE AVAILABLE at THE MEETING?

Courses have been submitted for COPE and Florida Board credits. Approval information is available at the meeting registration desk. CE approval numbers can be found on the website in the description for each course.



HOW WILL I RECEIVE MY CE CREDITS?

Attendance will be uploaded to OE Tracker Accounts and to CE Broker. Within 2 weeks after the meeting a CE certificate indicating all the courses attended will be sent via email.



ATTENDEE BADGE

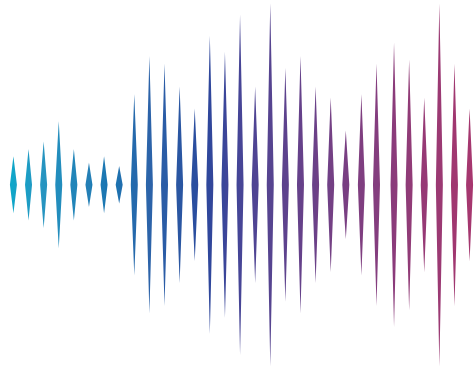
Your badge must be worn to gain access to all meeting-related functions. The barcode on your badge will be scanned at all lectures.

A \$25 FEE WILL BE CHARGED FOR ANY LOST OR FORGOTTEN BADGES.

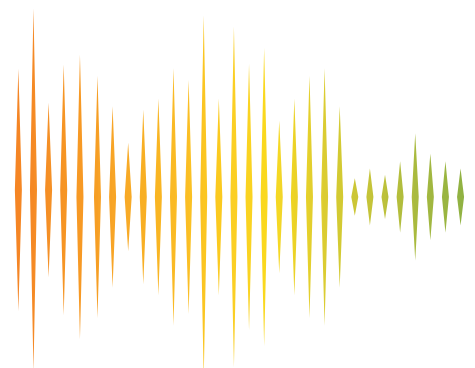
SCAN THIS CODE FOR QUICK ACCESS

Use your smart phone's camera to scan this QR code for easy access to a complete list of CE approval codes for all applicable courses.





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Visit the CooperVision Specialty EyeCare booth to discover
why fitting Paragon CRT® will never be the same.

2023 GSLS AWARDS



Deborah Jacobs, MD



Carina Koppen, MD, PhD

AWARD OF EXCELLENCE

The Global Specialty Lens Symposium Award of Excellence was established in 2013. The award is given periodically by the Program Committee to a distinguished clinician, scholar, and/or scientist to recognize their lifelong achievements in the field of contact lenses, especially as they relate to specialty contact lenses. The individuals selected are recognized for their contributions to the field of contact lenses, including development, practice, translation of knowledge and education, and scholarly activity, all of which moved the field forward in seminal ways.

This year's honorees are Deborah Jacobs, MD, and Carina Koppen, MD, PhD. Dr. Jacobs is director of the Ocular Surface Imaging Center at Massachusetts Eye and Ear, and associate professor of ophthalmology at Harvard Medical School. Dr. Koppen is head of the Ophthalmology Division at University Hospital Antwerp. Both Dr. Jacobs and Dr. Koppen were chosen because they have made tremendous accomplishments in scleral lenses, particularly bridging ophthalmology and optometry along the way.

PREVIOUS AWARDEES

2022 Not Awarded

2021 Otto Wichterle

2020 Joseph Barr

2019 Craig Norman

2018 Myopia Management
Pioneers:
Thomas Aller
Pauline Cho
Earl Smith
Jeff Walline

2017 Not Awarded

2016 Textbook Pioneers:
Ed Bennett
Gerald E. Lowther
Robert B. Mandell
Anthony J. Phillips

2015 Scleral Lens Pioneers:
Don Ezekiel
Kenneth Pullum
Perry Rosenthal
Rients Visser

2014 Donald R. Korb

2013 Brien Holden



Stephen J. Vincent,
BAppSc(Optom)Hons, PhD

RISING STAR AWARD

New for 2023, this award is intended to recognize an emerging leader in the field of cornea and contact lenses. The awardee must demonstrate substantial contributions to the field, outside of what might normally be expected in this early phase of one's career. The recipient of the inaugural award is Stephen J. Vincent, BAppSc(Optom)Hons, PhD. Dr. Vincent is an associate professor at the Queensland University of Technology, Australia, and is international relations chair of the Scleral Lens Education Society. He is also a member of the International Advisory Group of the GSLS, a committee member of the Cornea and Contact Lens Society of Australia, and chair of the Optometry Council of Australia and New Zealand Examination Eligibility Committee.

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COOPERVISION SPECIALTY EYECARE'S
SCLERAL LENS PORTFOLIO



While at GSLS, attend these sessions or visit our booth to learn how to **amplify your impact** with these technology-advanced scleral lens designs.

Thursday,
January 19th
1:30-2:30pm

**Specialty EyeCare Matchmaking: No Romance, Just the Tools
to Assure and Expedite the Perfect Patient-lens Match**

Presenters: Dr. Louise Sclafani, Dr. Tiffany Andrzejewski & Dr. Renee Reeder

Friday,
January 20th
7:30-7:55am

**Practice Builder Alert! Tips to Dominate Scleral Multifocals
for Irregular Corneas**

Presenters: Dr. Melissa Barnett & Dr. Shalu Pal

Friday,
January 20th
5:30-6:30pm

**Fit Smarter. Fit Faster. Amplify Your Impact with Cutting-edge
Technology and Introducing the New SynergEyes ScanFitPRO**

Presenters: Dr. Christine Sindt & Dr. Justine Siergey



CooperVision®
Specialty EyeCare

bit.ly/InnovateSEC

SYMPOSIUM SPEAKING FACULTY

Education Planning Committee



Jason J. Nichols, OD, MS,
MPH, PhD
Program Chair



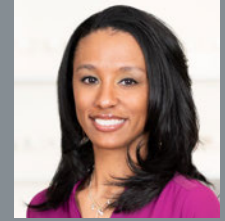
Karen DeLoss, OD
Program Vice Chair



Patrick Caroline, FCLSA



Eef van der Worp,
BOptom, PhD



Ashley Wallace-Tucker, OD



Roxanne Achong-Coan, OD



Edward Bennett, OD, MSED.



Mile Brujic, OD



Juan Gonzalo Carracedo
Rodríguez, OD, MSc, PhD



Karen Carrasquillo, OD



Kevin Chan, OD, MS



Raymond Chartier, OD



Gloria Chiu, OD



Edgar Davila-Garcia, OD



Julie DeKinder, OD



Robert Ensley, OD



Daddi Fadel, DOptom



Ian Flitcroft, MA, D.Phil
(oxon), MB, BS, FRCOphth



Melanie Frogozo, OD



Stephanie Fromstein, OD



Mari Fujimoto, OD



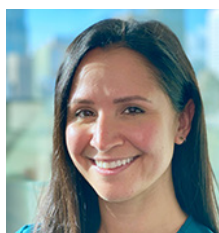
Dan Fuller, OD



Kate Gifford, PhD,
BAppSc(Optom)Hons



Anita Gulmiri, OD



Roya Habibi, OD



Jennifer Harthan, OD



Roxana Hemmati, OD



Tony Hough



Alex Hui, OD, PhD



Deborah Jacobs, MD



Debbie Jones, BSc.



Lyndon Jones, PhD, DSc,
FCOptom



David Kading, OD



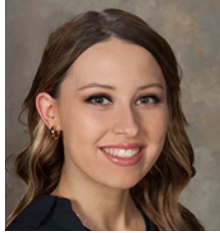
Randy Kojima



Carina Koppen, MD



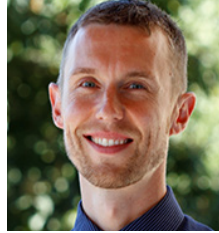
Elise Kramer, OD



Sydney Krisa, OD



Alan Kwok, OD



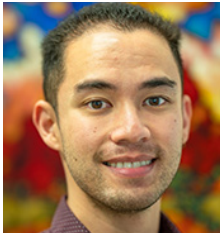
Matt Lampa, OD



Maria Liu, OD



Derek Louie, MSc., OD



Anthony Mac, OD



Jason Marsack, OD



Brooke Messer, OD



Langis Michaud, OD, MSc



Giancarlo Montani, Dip.
Optom



Sheila Morrison, OD, MS



Marcus Noyes, OD



Shalu Pal, OD



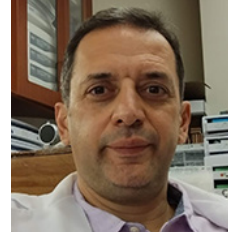
Jaime Paune



Javier Rojas Viñuela, GO,
MSc



Muriel Schornack, OD



Boris Severinsky, OD



Suzanne Sherman, OD



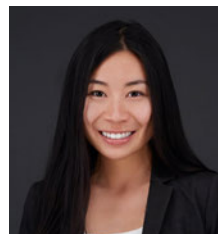
Christine Sindt, OD



Amrit Singh



Steven Sorkin, OD



Becky Su, OD



Erin Tomiyama, OD



Angela Verkade, MD



Stephen Vincent, BAppSc
(Optom) Hons, PhD



James Wolffsohn,
BSc(Hons), MBA, PhD



Debby Yeung, OD



Hannah Yoon, OD, MS



Visionary Optics

uniquely specialized contact lenses

REIMAGINING SPECIALTY EYE CARE

Key Takeaways from a Retrospective 3-Year Study on Myopia Treatments

Friday, January 20, 2023 • 7:00-7:25AM



Jackson Lau
OD, FAAO, FSLs
Clinical & Scientific
Affairs Manager

Step into the New Year with the NEW Europa Tangent

Friday, January 20, 2023 • 7:30-7:55AM



Greg DeNaeyer
OD, FAAO, FSLs

SCLERAL LENSES, UNSCRIPTED.

An interactive, FAQ-driven discussion by you, for you

Friday, January 20, 2023 • 11:00-12:00PM

Join us for an expert-led, interactive, roundtable discussion focusing on the topics chosen by YOU!



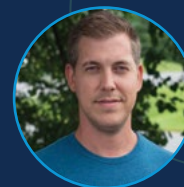
Elise Kramer
OD, FAAO,
FSLs, FBCLA



Stephanie Woo
OD, FAAO



Lynette Johns
OD, FAAO,
FSLs, FBCLA



Eric Marshall
Lead Consultant &
VP of Manufacturing

Hear from the Experts: Myopia Management Questions Answered

A private practitioner, a clinical professor/researcher, an industry consultant—oh my!

Friday, January 20, 2023 • 5:30-6:30PM

Join this lively discussion as we dive into research that's impacting today's myopia practice. Some topics will include lens selection, parameter changes, and treatment combinations! Audience participation is encouraged.



Zachary Holland
OD, FSLs



Maria Liu
OD, PhD, MPH,
MBA, FAAO



Abbey Cantolina
Senior Director of Consultation
& Customer Relations

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FACULTY DISCLOSURES

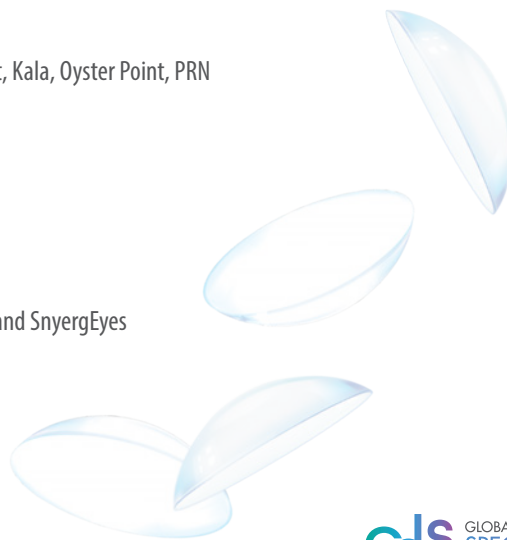
All relevant relationships have been mitigated

- Roxanne Achong-Coan – Is a KOL for CooperVision
- Amanda Barton – Has nothing to disclose
- Edward Bennett – is a consultant for the CLMA. Serves as an Eye Opinion Leader for Lenstech
- Mile Brujic – Has received honoraria for speaking, writing, participating in an advisory capacity, research or meeting support from: Apellis, ABB Optical, Alcon Laboratories, Allergan, Art Optical, Bausch + Lomb Health, Contamac, CooperVision, CSEye, Horizon Therapeutics, Johnson & Johnson Vision Care, Kala, Lenstech, Notal Vision, Novartis, Optovue, Oyster Point, RVL, Sun Pharma, Tarsus, Tangible Science, Santen, Visus, Walman Optical and Zea Vision.
- Patrick Caroline – Is Part Owner of Katt Inc.
- Gonzalo Carracedo – Received Clinical Studies Funds from CooperVision SEC
- Karen Carrasquillo – Is a salaried employee for BostonSight
- Kevin Chan – Is a consultant for Johnson & Johnson, is a guest speaker for Euclid Corporations and Visioneering Technologies Inc.
- Raymond Chartier – Has nothing to disclose
- Gloria Chiu – Was a consultant/speaker/written an article/provided education for the following companies: AccuLens and BostonSight. Is currently a consultant/providing education for Glaukos
- Edgar Davila-Garcia – Is a consultant for Spectrum International, serves as a consultant/speaker for Johnson & Johnson, is a speaker for CooperVision Mex.
- Julie DeKinder – Has nothing to disclose
- Karen DeLoss – Has nothing to disclose
- Robert Ensley – Is a Speaker/Honorarium for CooperVision SEC
- Daddi Fadel – Is a speaker for the following companies: Soleko, Oculus, Eaglet Eye, AOS
- Ian Flitcroft- Is a founding director/share holder/ participated in clinical trials/ served as a consultant, advisory board member for the following companies: Ocumetra Ltd, CooperVision, Johnson & Johnson, Thea, Vivior, Essilor, and Vyluma
- Melanie Frogozo – Is a consultant for the following companies: Vyluma, CooperVision, and Lenstech
- Stephanie Fromstein – Has nothing to disclose
- Mari Fujimoto – Has nothing to disclose
- Dan Fuller – Received a research grant from Glaukos, serves as President of the Scleral Lens Society, and is on the Advisory Board for the GPLI
- Kate Gifford – Is an independent consultant for the following companies: Alcon, CooperVision, EssilorLuxottica, Hoya, Johnson & Johnson, Menicon, SightGlass Vision, Topcon Healthcare, Visioneering Technologies, and Vyluma
- Anita Gulmiri – Is a speaker for Essilor Custom Contact Lens Specialists and CooperVision
- Roya Habibi – Is an Education Consultant for Valley Contax
- Jennifer Harthan – Has completed research, serves on the advisory board, or received honorarium for the following companies: Art Optical, Contamac, Euclid Corporation, SynergEyes, Ocular Therapeutix, Essilor, Johnson & Johnson, Metro Optics, Visioneering Technologies, GPLI, IKA
- Roxana Hemmati – Has nothing to disclose
- Tony Hough -Has nothing to disclose
- Alex Hui – Received sponsor support from CooperVision. Was a speaker for Johnson & Johnson.
- Deborah Jacobs – Is a consultant for the following companies: Dompé, Foresight, Cloudbreak. Holds stock options in Teclens and Simple Health
- Debbie Jones – Has nothing to disclose
- Lyndon Jones – Has received research funds, honoraria, serves on the advisory board for the following companies: Alcon, Allergan, Allied Innovations, Aurinia Pharma, BHVI, CooperVision, GL Chemtech, IMedPharma, Johnson & Johnson, Lubris, Menicon, Nature's Way, Novartis, Ophtecs, Ote Pharma, PS Therapy, Shire, SightGlass, SightSage, Visioneering Technologies
- David Kading – has conducted research, performed consulting work, been a speaker of, or performed key opinion leader for the following companies: Alcon, Allergan, Avellino, Bausch + Lomb, BioTissue, CooperVision, Dompe, Eye Promise, Euclid, Oculaphire, Orasis, Oculus, Novartis, Santen, Sun Pharma, TearScience, TruKera Medical, Valley Contax, VSP, Visus Therapeutics, and Zeiss.

FACULTY DISCLOSURES

All relevant relationships have been mitigated

- Randy Kojima – Is currently the Clinical Research and Development Director/Shareholder for Precision Technology. A research team member and shareholder for KATT Design Group, and a clinical advisor for Medmont International.
- Carina Koppen – Has nothing to disclose
- Elise Kramer – Is a consultant, speaker, received honorarium for the following companies: Avellino, Allergan, Contamac, Dompé, RegenerEyes, Visionary Optics, RVL Pharma, Oyster Point Pharmaceuticals.
- Sydney Krisa – Has nothing to disclose
- Alan Kwok – Has nothing to disclose
- Matt Lampa – Was a speaker for ABB Optical and Art Optical. Currently serves on the advisory board for SpecialEyes
- Maria Liu – Is a consultant for CooperVision and Essilor
- Jackie Lombardi – Has nothing to disclose
- Derek Louie – Has nothing to disclose
- Anthony Mac – Has nothing to disclose
- Jason Marsack – Is a consultant for Wavefront Dynamics
- Brooke Messer – Is a consultant for Bausch + Lomb, a speaker for Avellino and Glaukos, and serves on the Advisory Board for Tarsus and Euclid Vision Corporation
- Langis Michaud – Has received honorarium/research funds from the following companies: CooperVision, Johnson & Johnson, Bausch + Lomb, Alcon, Sun Pharma
- Giancarlo Montani – Is a consultant for the following companies: ZEISS, Hoya, CooperVision, AOS Sparea, Visia Imaging, Bausch + Lomb, Omisan Shalcon
- Sheila Morrison – Is a Speaker / received honoraria from CooperVision, Eaglet Eye, BostonSight, Wave, Paragon, Vistakon. Is a writer for PentaVision (BroadcastMed).
- Jason Nichols – Has nothing to disclose
- Marcus Noyes – Has nothing to disclose
- Shalu Pal – Is a speaker for CooperVision and BostonSight
- Jaume Paune – Is a consultant for Precilens
- Chelsea-Mia Pierre – Has nothing to disclose
- Javier Rojas Viñuela – Is a consultant for Eaglet Eye
- Muriel Schornack – Has nothing to disclose
- Boris Severinsky – Has nothing to disclose
- Laura Shepherd – Has nothing to disclose
- Suzanne Sherman – Has nothing to disclose
- Christine Sindt – Is the owner of EyePrint Prosthetics, is a consultant for Mojo Vision
- Amrit Singh – Has nothing to disclose
- Steven Sorkin – Is a speaker for Bausch + Lomb SVP, Blanchard, SynergEyes, BostonSight, Kala, Oyster Point, PRN
- Becky Su – Has nothing to disclose
- Erin Tomiyama – Is a consultant for CooperVision SEC, Vyluma
- Eef van der Worp – Has received Educational Grants from Contamac, Johnson & Johnson
- Angela Verkade – Has nothing to disclose
- Stephen Vincent – Has received research funding from CooperVision
- Ashley Wallace-Tucker – Is a Consultant/Honorarium for CooperVision, Bausch + Lomb, and SynergEyes
- James Wolffsohn – Is a consultant for Atia Vision
- Debby Yeung – Is an Education Consultant for Valley Contax
- Hannah Yoon – Has nothing to disclose



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The new OCULUS Myopia Master® features a unique combination of axial length, auto-refraction, and corneal curvature. The optional software includes features such as normative growth curves, lifestyle questionnaire, and trend analysis to deliver a customized myopia report for patient education and comprehensive parental consultation.

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EDUCATION SCHEDULE

■ Conference Workshop
 ■ Sponsored Talk
 ■ General Session
■ CE Breakouts
 ■ Break/Reception
 ■ Poster Session

Wednesday, January 18

CE CODES: COPE Live, COPE Virtual, FL Board of Optometry, TX Board of Optometry

5:00 pm – 6:00 pm	GSLs & IFSLR OPENING RECEPTION	
6:00 pm – 8:00 pm	CONFERENCE CE WORKSHOPS	
82174-CL, 20-931389, 20-931389	<i>Contact Lens Fitting Adventure: What Would You Do?</i> (Co-Hosted By GP Lens Institute) Jennifer Harthan, OD; Stephanie Fromstein, OD	GOLD
82059-CL, 20-931391, 20-931391	<i>Scleral Lenses: Taking It to the Next Level Advanced Scleral Lens Workshop</i> (Co-Hosted By Scleral Lens Education Society) Rob Ensley, OD; Daniel Fuller, OD; Elise Kramer, OD; Roxana Hemmati, OD	SILVER

Thursday, January 19

SPONSORED BREAKFAST SESSIONS (NON-CE)		
7:00 am - 7:25 am	ABB Optical <i>Elevate Your Practice With the Latest Specialty Products, Tools, & Resources</i> Andy Jackson, Director, Specialty Vision Products; Jonathan Mietus, Manager, Business Development Specialty	GOLD
7:30 am - 7:55 am	Bausch + Lomb <i>Keratoconus: Treat Patients at Every Stage of the Keratoconus Contact Lens Continuum</i> Susan Resnick, OD; Steven Sorkin, OD	SILVER
	BostonSight <i>Scleral Lens Suction... It Sure Does Suck! Top Strategies to Ease the Pressure on Scleral Lens Fitting</i> Alan Kwok, OD; Karen Carrasquillo, OD, PhD	BRONZE 3/4
	CooperVision <i>New Innovation in Myopia Management and Specialty Eyecare</i> Juan Carlos Aragon, OD; Justin Kwan, OD	GOLD
	Eaglet Eye <i>How Technology Can Help You to Grow Your Specialty Lens Practice</i> Dr. Murray Johnson; Dr. John Samssedi	PALACE 4/5
	Menicon <i>The Importance of Proper Cleaning & Disinfection of Specialty Contact Lenses</i> Randall Sakamoto, OD, PhD	PALACE 3
	OCULUS <i>Utilizing Advanced Topographic/Tomographic Data to Fit Personalized Ortho-K Lenses Without a Trial Lens Set</i> Cheryl Chapman, OD; Tom Weshefsky, OD	BRONZE 1/2
8:05 am - 8:15 am	GSLs AWARD OF EXCELLENCE & RISING STAR AWARD	
8:15 am - 10:00 am	GENERAL SESSION #1	
82061-TD, 20-979952, 20-979952	<i>Worst Case Scenarios</i> Moderator: Deborah Jacobs, MD Panel: Christine Sindt, OD; Derek Louie, OD; Karen Carrasquillo, OD; Carina Koppen, MD	
10:00 am - 10:15 am	BREAK	
10:15 am - 11:55 am	GENERAL SESSION #2	
82251-CL, 20-931395, 20-931395	<i>International Perspectives – A Research Update From Around the Globe</i> Moderator: Eef Van Der Worp, Boptom, PhD Panel: Carina Koppen, MD; Steven Vincent, Bappsc(Optom)Hons, PhD	
12:00 pm - 1:30 pm	LUNCH & LEARN	
	CooperVision Specialty EyeCare <i>Utilization of Specialty Contact Lenses In Myopia Management: Who, What, When</i> Maria Liu, OD, PhD, MPH, MBA; Ashley Tucker, OD	SILVER
	Essilor Custom Contact Lenses <i>Savvy Tips to Build a Super Scleral Lens Practice from Successful Patient Fitting to Staff Training to Billing & Coding</i> Tom Quinn, OD; Karen Lee, OD; Tiffany Andrzejewski, OD; Katie Greiner, OD, MS; Chris Smiley, OD	BRONZE 1/2
	Glaukos <i>Your Keratoconus Referral Process: 3 Medical-Legal Considerations Every Specialty Lens Provider Should Know</i> Katie Gilbert Spear, OD, JD, MPH; Stephanie Woo, OD	BRONZE 3/4
	OCULUS <i>The Future of Contact Lens Fitting</i> Moderator: Craig Norman Panel: Jason Jedlicka, OD; John Gelles, OD; Daddi Fadel, DOptom; Christine Sindt, OD	GOLD

Thursday, January 19 *(continued)*

1:30 pm - 2:30 pm		SPONSORED BREAKOUT SESSIONS (NON-CE)	
		Bausch + Lomb <i>Bi-Elevation™ Part 1: Demystifying Bi-Elevation™</i> Brooke Messer, OD; Jason Jedlicka, OD; Carri Rivera	GOLD
		CooperVision Specialty Eyecare <i>Specialty Eyecare Matchmaking: No Romance, Just the Tools to Assure and Expedite the Perfect Patient-Lens Match</i> Louise Sciafani, OD; Tiffany Andrzejewski, OD; Renee Reeder, OD	PALACE 4/5
		Eaglet Eye <i>The Future of Specialty Lenses Is Now</i> Melissa Barnett, OD; Barry Leonard, OD; Sheila Morrison, OD; Christine Sindt, OD	BRONZE 3/4
		Menicon <i>Live Fitting - Rose K2 XI Oblate: A New Addition To the Rose K Family</i> Paul Rose, Bsc, Dipopt; Patricia Flores, DO, PhD; Grant Watters, MSc(Optom), Dipclp	PALACE 1/2
		OCULUS <i>Advanced Specialty Lens Designs With Oculus</i> Daddi Fadel, DOptom; Tom Weshefsky, OD	SILVER
		Truform Optics <i>Living the "Dream" Building A Successful Myopia Management Practice</i> Moshe Schwartz, OD	BRONZE 1/2
		Visioneering Technologies <i>Catenary Optics for Presbyopia and Myopia</i> Ashley Tuan, OD, PhD; Douglas P. Benoit, OD	PALACE 3
2:30 pm - 3:00 pm		BREAK	
		CE BREAKOUTS	
3:00 pm - 3:50 pm			
82146-CL		<i>Scleral Lens Associated Red Eyes</i> Marcus Noyes, OD; Christine Sindt, OD	GOLD
82060-GO, 20-931397, 20-931397		<i>Challenging Cases in Myopia Management: You Make the Call!</i> Langis Michaud, OD, MS	SILVER
82147-CL, 20-931399, 20-931399		<i>Eye Surgeries and Your Specialty Contact Lens Patient: Pre- and Post-Operative Considerations</i> Gloria Chiu, OD; Alan Kwok, OD	BRONZE 3/4
82148-GO, 20-976936, 20-976936		<i>Optical Biometry - The Long & the Short of It</i> Debbie Jones, Bsc.	BRONZE 1/2
82149-CL, 20-979956, 20-979956		<i>Alternative and Non-Traditional Contact Lens Uses</i> Melanie Frogozo, OD; Anthony Mac, OD	PALACE 4/5
82270-CL, 20-931401, 20-931401		<i>That's Not Safe! Contact Lens Safety and Risk Management</i> Sheila Morrison, OD; Roya Habibi, OD	PALACE 3
4:00 pm - 5:00 pm			
82150-CL, 20-931639, 20-931639		<i>Top 20 Scleral Lens Complications – Rapid Fire</i> Shalu Pal, OD; Debby Yeung, OD	GOLD
82151-GO, 20-976924, 20-976924		<i>Ten Most Mis-Interpreted Evidence in Myopia Management</i> Maria Liu, OD, PhD, MPh	SILVER
82152-CL, 20-976926, 20-976926		<i>Coming Out of the Dark: Clearing Corneal Opacities With Scleral Lenses</i> Karen Carrasquillo, OD, PhD	BRONZE 3/4
82154-CL, 20-976928, 20-976928		<i>GP Lens Update</i> Ed Bennett, OD	BRONZE 1/2
82225-CL, 20-976932, 20-976932		<i>Enhancing Specialty Lenses Through Performance Enhancing Drugs</i> Mile Brujic, OD	PALACE 4/5
82169-TD, 20-976934, 20-976934		<i>Corneal Ulcer Roundup</i> Suzanne Sherman, OD; Steven Sorkin, OD	PALACE 3
5:00 pm - 7:00 pm		EXHIBIT HALL GRAND OPENING RECEPTION	

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EDUCATION SCHEDULE

Friday, January 20

■ Conference Workshop
 ■ Sponsored Talk
 ■ General Session
■ CE Breakouts
 ■ Break/Reception
 ■ Poster Session

CE CODES: COPE Live, COPE Virtual, FL Board of Optometry, TX Board of Optometry

SPONSORED BREAKFAST SESSIONS (NON-CE)		
7:00 am - 7:25 am	Contamac <i>NKCF: An Important Patient Resource</i> Mary Prudden, MS, JD GOLD Euclid Vision Corporation <i>Key Takeaways From a 3-Year Retrospective Study</i> Jackson Lau, OD BRONZE 3/4 Johnson & Johnson <i>Acuvue® Abiliti™: Keeping Kids Unstoppable</i> Monica Jong, OD; Chandra Mickles OD, Langis Michaud, OD, MS SILVER Truform Optics <i>Customization Options From a Full-Service Specialty Lens Lab</i> George Mera, BS, NCLEM PALACE 4/5 Visioneering Technologies <i>NaturalVue Neurofocus Optics Make Fitting Easy</i> Ashley Tuan, OD, PhD; Douglas P. Benoit, OD PALACE 3 X-Cel Specialty Contacts <i>Excel and Elevate with REMLens® for Overnight Orthokeratology: A Certification Seminar</i> Andrew J. Biondo, OD BRONZE 1/2	
7:30 am - 7:55 am	Bausch + Lomb <i>Revive™: Let Your Custom Soft Potential Flourish</i> Karen Hoffman, OD; Jim Hoffman, OD BRONZE 1/2 CooperVision Specialty Eyecare <i>Practice Builder Alert! Tips to Dominate Scleral Multifocals For Irregular Corneas</i> Melissa Barnett, OD; Shalu Pal, OD PALACE 3 Visionary Optics <i>Step Into the New Year With the New Europa Tangent!</i> Greg Denaeyer, OD BRONZE 3/4 OCULUS <i>Scleral Lens Design Made Simple With CSP Pro Software</i> Jason Jedlicka, OD; John Gelles, OD PALACE 4/5	
8:15 am - 10:00 am	CE WORKSHOPS	EVENT CENTER
82202-CL, 20-976938, 20-976938	<i>Orthokeratology: Interactive Round Table. Implementation and Fitting Into Your Practice.</i> Dave Kading, OD; Melanie Frogozo, OD; Anita Gulmiri, OD PLATINUM	
82168-CL, 20-976940, 20-976940	<i>Adaptación De Lentes Esclerales — ¡Workshop En Español!</i> Elise Kramer, OD; Edgar Davila-Garcia, OD BRONZE 3/4	
10:00 am - 11:00 am	2023 GLOBAL SPECIALTY LENS SYMPOSIUM: ALL POSTER SESSION (82354-CL, 20-979958)	
11:00 am - 12:00 pm	SPONSORED BREAKOUT SESSIONS (NON-CE)	
	Bausch + Lomb <i>Bi-Elevation™ Part 2: Making Bi-Elevation™ Work for You</i> Brooke Messer, OD; Jason Jedlicka, OD; Steven Keith, OD; Carri Rivera GOLD BostonSight <i>SCLERAL Table Talk! Join an Expert Panel for a Candid Conversation on How to Become a SCLERAL Lens Champ!</i> Anita Gulmiri, OD, FAAO; Melanie Frogozo, OD, FAAO, FSLs; Barry Leonard, OD; and Micaela Crowley, OD PALACE 1/2 Contamac <i>Tips and Tricks to Optimize Your Contact Lens Patient Outcomes</i> Melissa Barnett, OD; John Gelles, OD PALACE 4/5 CooperVision Specialty Eyecare <i>MiSight — Act Today, Change Tomorrow</i> Justin Kwan, OD; Felicia Timmerman, OD, MS BRONZE 1/2 Visionary Optics <i>Scleral Lenses, Unscripted. Join Us for an Interactive, FAQ-Driven Discussion by You, for You</i> Elise Kramer, OD; Stephanie Woo, OD; Lynette Johns, OD; Greg Denaeyer, OD; Eric Marshall, Lead Consultant & VP of Manufacturing BRONZE 3/4 Johnson & Johnson <i>Master Your Abiliti™ With Acuvue® Abiliti™</i> Chandra Mickles, OD; Glenda Aleman, OD; Jennifer Harthan, OD; Susan Resnick, OD SILVER Oculus <i>How to Use Axial Length for Your Myopic Patients</i> Moderator — David Kading OD; Panelists - Tom Weshefsky, OD; Cheryl Chapman, OD PALACE 3	

EDUCATION SCHEDULE

■ Conference Workshop
 ■ Sponsored Talk
 ■ General Session
■ CE Breakouts
 ■ Break/Reception
 ■ Poster Session

Friday, January 20 *(continued)*

CE CODES: COPE Live, COPE Virtual, FL Board of Optometry, TX Board of Optometry

12:00 pm - 1:30 pm	LUNCH IN THE EXHIBIT HALL	
1:30 pm - 2:20 pm	GENERAL SESSION #3	PLATINUM
82345-GO, 82356-GO, 20-979960, 20-979960	<i>Collaborative Care in Myopia Management: Ophthalmology and Optometry Perspectives</i> Kate Gifford, PhD, Bappsc(Optom)Hons; Ian Flitcroft, Ma D.Phil(Oxon) MB, BS, FRCOphth	
2:20 pm - 2:30 pm	BREAK	
2:30 pm - 4:30 pm	GENERAL SESSION #4	PLATINUM
82254-CL, 82358 - CL, 20-976942, 20-976942	<i>Not Ben Franklin's Bifocals</i> Moderator: Matt Lampa, OD Panel: James Wolffsohn, PhD, MBA; Brooke Messer, OD; Angela Verkade, MD	
4:30 pm - 4:40 pm	BREAK	
4:40 pm - 5:30 pm	GENERAL SESSION #5	PLATINUM
82277-CL, 82359-CL, 20-979964	<i>Rapid Fire Poster Session - Specialty Contact Lenses</i> Moderator: Pat Caroline Panel: Hannah Yoon, OD, Ms; Randy Kojima; Alex Hui, OD, PhD; Amrit Singh; Mari Fujimoto, OD; Becky Su, OD; Kevin Chan, OD, MS; Sydney Krisa, OD; Giancarlo Montani, Dip. Optom; Jaume Paune OD, Movsc, PhD	
5:30 pm - 6:30 pm	SPONSORED BREAKOUT SESSIONS (NON-CE)	
	ABB Optical <i>Take Your Practice to a Higher Level With ALTIUS - New Sports Vision</i> Katherine K. Weise, OD, MBA	PALACE 4/5
	Coopervision Specialty Eye Care <i>Fit Smarter. Fit Faster. Amplify Your Impact With Cutting-Edge Technology and Introducing the New Synergeyes Scanfitpro</i> Christine Sindt OD, FAAO, FSLS; Justine Siergey OD, FSLS	PALACE 1/2
	Euclid Vision Corporation <i>Hear From the Experts – Myopia Management Questions Answered. A Private Practitioner, a Clinical Professor/Researcher, an Industry Consultant – Oh My!</i> Zachary Holland, OD, FSLS; Maria Liu, OD, PhD, MPh, MBA, FAAO; Abbey Cantolina, Senior Director of Consultation & Customer Relations	SILVER
	RVL Pharmaceuticals <i>Lid Considerations in Contact Lens Wearers</i> Melissa Barnett, OD; Mile Brujic, OD; Susan Resnick, OD	BRONZE 3/4
	WAVE <i>Clinical Guide to Fitting Scleral Lenses</i> Daddi Fadel, DOptom	GOLD
	X-Cel Specialty Contacts <i>Atlantis™ Scleral: What You May Not Know</i> Edgar Dávila-García, OD	PALACE 3
6:30 pm - 8:00 pm	EXHIBIT HALL RECEPTION	



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EDUCATION SCHEDULE

Saturday, January 21

■ Conference Workshop
 ■ Sponsored Talk
 ■ General Session
■ CE Breakouts
 ■ Break/Reception
 ■ Poster Session

CE CODES: COPE Live, COPE Virtual, FL Board of Optometry, TX Board of Optometry

7:30 am - 7:55 am	SPONSORED BREAKFAST SESSIONS (NON-CE)	
	Medmont <i>Taking the Uncertainty Out of Contact Lens Design With the Medmont Meridia™</i> Hanish Patel, OD	BRONZE 1/2
	RVL Pharmaceuticals <i>Diagnosis: Ptosis!</i> Mile Brujic, OD	SILVER
	WAVE <i>Ortho-K Troubleshooting</i> Anith Pillai, OD; Shelby Walstad	GOLD
8:00 am - 8:55 am	GENERAL SESSION #6	
82179-CL, 82361-CL, 20-979968	<i>Fast Forward to the Future – Novel Contact Lens Innovations</i> Lyndon Jones, PhD, DSC	PLATINUM
8:55 am - 9:55 am	SPONSOR BREAKOUT SESSIONS	
	Medmont <i>Before the Biometer: Measuring Early Myopia Control Signals in Ortho-K</i> Pat Caroline; Randy Kojima	SILVER
	VYLUMA <i>Results of CHAMP: A Phase 3 Study of Novel Low Dose Atropine for the Treatment of Myopia Progression</i> Ian Flitcroft, MA, DPhil, FRCOphth <i>Low-dose Atropine: Why Formulation Matters</i> Mark A. Bullimore, MCOptom, PhD, FAAO	BRONZE 3/4
9:55 am - 10:20 am	BREAK & POSTER SESSION	
10:20 am - 11:10 am	GENERAL SESSION #7 - FREE PAPER SESSION	
82318-CL, 20-980482, 20-980482	Moderator - Eef Van Der Worp, Boptom, PhD Panel: Gonazalo Carracedo, PhD; Raymond Chartier, OD; Tony Hough; Javier Rojas, GO, MSc; Erin Tomiyama, OD	PLATINUM
11:15 am - 12:05 pm	CE BREAKOUTS	
82181-CL, 20-979974, 20-979974	<i>Scleral Lenses in Children: What to Expect and How to Make It Work</i> Boris Severinsky, OD, MOptom	GOLD
82182-PM, 20-979980, 20-979980	<i>Minding My Myopia Business</i> Roxanne Achong-Coan, OD	SILVER
82183-CL, 20-980494	<i>Optical Challenges When Fitting Scleral Lenses</i> Daddi Fadel, DOptom; Melanie Frogozo, OD	BRONZE 3/4
82185-CL, 20-980500	<i>Specialty Lens Fitting Grand Rounds</i> Julie Dekinder, OD	BRONZE 1/2
82210-TD, 20-980504, 20-980504	<i>10 Things You Didn't Know About Keratoconus</i> Brooke Messer, OD	PALACE 4/5
82187-TD, 20-980506	<i>Treating Dry Eyes With More Than Drops: Sclerals, Membranes, Aesthetic Devices and More . . .</i> Shalu Pal, OD; Debby Yeung, OD	PALACE 3
12:00 pm - 1:30 pm	LUNCH IN THE EXHIBIT HALL	
1:30 pm - 3:10 pm	GENERAL SESSION #8	
82271-CL, 82363-CL, 20-980508, 20-980508	<i>Scleral Lenses: Big lenses, Big innovations</i> (Co-Hosted With Scleral Lens Education Society) Moderator - Ashley Wallace-Tucker, OD Panel: Jason Marsack, PhD; Roxana Hemmati, OD; Muriel Schornack, OD; Sheila Morrison, OD	PLATINUM
3:10 pm - 3:20 pm	BREAK	
3:20 pm - 5:00 pm	GENERAL SESSION #9	
80818-CL, 82362-CL, 20-980510	<i>Corneal GP Lenses. . . Alive and Well</i> Pat Caroline & Randy Kojima	PLATINUM

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Breakfast Session
Friday, Jan. 20
7:00-7:30am
Silver Room

ACUVUE® ABILITI™: **KEEPING KIDS* UNSTOPPABLE**

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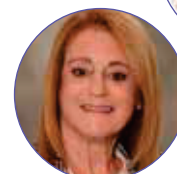
Chandra
Mickles, OD



Glenda
Aleman, OD



Jennifer
Harthan, OD



Susan
Resnick, OD

Interactive
Breakout Session
Friday, Jan. 20
11:00am-12:00pm
Silver Room

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**Drs. Jong & Mickles are employees of Johnson & Johnson Vision. Drs. Michaud, Aleman, Harthan, and Resnick are paid consultants for Johnson & Johnson Vision.

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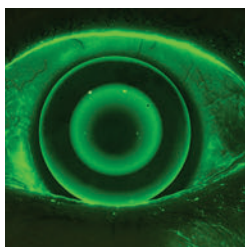
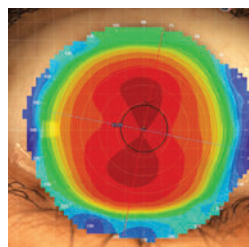
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21 January | 7:30am-7:55am

Taking the Uncertainty Out of Contact Lens Design with the medmont meridia™

Hanish Patel, OD, FAAO



21 January | 8:55am-9:55am

Before the Biometer: Measuring Early Myopia Control Signal in Ortho-K

Pat Caroline FCLSA, FAAO and Randy Kojima, FAAO



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Friday, January 19th
1:30pm - 2:30pm

Unable to attend the workshop, but have questions
about ROSE K2 XL Oblate? Please visit our booth #406

POSTER LISTING

	Poster Title	Author(s)
1	Case of Photorefractive Keratectomy In Post-RK Irregular Cornea – Understanding Alternatives for Vision Correction in RK Patients	Robert Fintelmann, MD Pierce Kenworthy, OD
2	Scleral Lens Imaged-guided Acquisition and Design for Patients with Ocular Surface Disease	Hannah Yoon, OD, MS; Muriel Schornack, OD; Amy Nau, OD; Cherie Nau, OD; Jennifer Fogt, OD; Jennifer Harthan, OD; Ellen Shorter, OD
5	Association between Keratoconus Severity and Optical Densitometry	Aspen Chun, OD; Dan Fuller, OD
7	Three Cases of Acanthamoeba Representing Various Stages of Disease: Onset, Eradication, Raging – Case Series	Pierce Kenworthy, OD; Sarah Thomas, OD; Sydni Davis, OD; Florencia Yeh, OD
8	Myopia management performance comparing spherical and toric orthokeratology lenses in a set of twins	Michelle Man, OD; Alexander Wong, BSc; Moheera Athar, BS
10	Scleral Lenses for Corneal Dellen: A Case Report	Gaku Kiuchi, BS; Tetsuya Yamamoto; Takahiro Hiraoka
11	Tangent designed scleral lens landing zone for a compression free fit	Greg DeNaeyer, OD
12	Can We Predict the Centration of Orthok Lenses?	Randy Kojima
14	To Corneal GP or not to Corneal GP, That is the Question?	Randy Kojima
15	Scleral Lens Considerations and Management in a Patient Post-Trabeculectomy	Amanda Dieu, OD
16	Channeling a Scleral Lens for a Delicate Post-PKP Cornea with Gundersen Conjunctival Flap	Cindy Lam, OD, ABOC; Sherry Shang, OD; Dawn Lam, OD, MSc
17	Happily Ever After Hydrops: Success with Scleral Lenses	Alexis Wylam, BS; Nicholas Gidosh, OD
18	The Need For Speed	John Samssedi, OD; Brian Tompkins, BSc (Hons)
20	Awesome Vision After Aberration Control: The Future of Scleral Lens Optics	Pratik Shah, OD; Nicholas Gidosh, OD
22	Oxervate (Cenegermin) Treatment for Persistent Epithelial Defects Secondary to Stage 2 Neurotrophic Keratopathy.	Lauren Downey, BS, OD
23	Double Devastation: A clinical case of Long-lasting Bilateral Corneal Hydrops	Julie DeKinder, OD
24	A dual focus contact lens successfully slows myopia progression in both fast and slow progressors	Justin Kwan, OD
25	Contact Lens Considerations in Fitting a Patient with the Rare Genetic Condition of Nanophthalmos	Veronia Abadeer, OD, BSc; Stacy Zubkousky, OD; Crystal Victor, OD; Thuy-Lan Nguyen, OD
27	Photogenic with Flash: using prosthetic lenses for photophobia	Julie Song, OD
29	Toeing the Line: diplopia in multifocal soft lenses for myopia management	Julie Song, OD
32	The impact of rigid gas permeable care solutions on lens parameters, and lysozyme deposition on RGP lenses when disinfected with a hydrogen peroxide care solution	Alex Hui, OD, PhD; Miriam Heynen, BSc. MSc.; Vivian Chan, BSc, MSc; Daryl Enstone, BSc (Hons. Biology Co-op), MSc; Parisa Mirzapour, BSc(Hons), MSc; Manar Saad, Candidate HBSc; Melanie George, PhD., MS., BS; William Ngo, OD, PhD; Lyndon Jones, DSc, PhD, FCOptom
33	Scleral Lens Use in Neurotrophic Keratitis Secondary to Proliferative Type 1 Diabetes	Cody Sherrin, OD; Sarah Bell, OD; Sudeep Pramanik, MBA, MD
34	Gaining an Edge Over Pingueculitis in a Dry Eye Patient Treated with Scleral Lenses	Nathan Dederman, OD; Christopher Alferez, OD
35	Scleral Lenses Improve Ptosis in Patients with Concurrent Ocular Surface Disease: A Case Series	Priscilla Sotomayor, OD; Stacy Zubkousky, OD

	Poster Title	Author(s)
37	The Post-RK Moving Target	Nikki Zindl, OD
40	Treatment Success Using Large Back Optic Zone Diameter (BOZD) in Adult Orthokeratology	Chi Nguyen, OD
41	Piggy's Back	Trevor Fosso, OD
42	RK Two Ways	Mark Eaves, BS; Jessica Walter, OD; Samantha Myers, OD
43	Horizontal diplopia corrected with a prismatic freeform scleral lens	Hunter Peterson, OD; Karen Lee, OD
44	Utilizing Advanced Corneal Elevation Data with Pachymetry to Identify Early Keratoconus Previously Diagnosed as Refractive Amblyopia	Melody Kordnaji, OD; Thuy-Lan Nguyen, OD; Stacy Zubkousky, OD; Almas Khan, OD; Crystal Victor, OD
46	The Therapeutic Effects of Scleral Lenses in Patients Post Mohs Surgery with Exposure Keratopathy: A Mini Case Series	Marsha Zaman, BS; Stacy Zubkousky, OD; Wateen Alami, BA; Thuy-Lan Nguyen, OD; Crystal Victor, OD
48	Clinical performance comparison of two commercially available daily disposable soft contact lenses: verofilcon A versus somofilcon A	Colton Heinrich, OD; Katherine Bickle, OD, PhD; Gina Wesley, OD, MS; Selena Chan, OD; Bradley Gledd, OD, MS; Lakshman Subbaraman, PhD, BSOptom, MSc
49	Clinical performance of two daily disposable toric soft contact lenses – verofilcon A versus etafilcon A	Lakshman Subbaraman, PhD, BSOptom, MSc; Bradley Hines, OD; Brenda Edwards, OD; Mark Perry, OD; John Capellani, OD
50	Effectiveness of propylene glycol-hydroxypropyl-guar nanoemulsion lubricant eye drops in relieving watery eyes symptom in subjects with dry eye disease: A post-marketing, prospective, multicenter study	Lakshman Subbaraman, PhD, BSOptom, MSc; Jason Miller, OD, MBA; Katherine Bickle, OD, PhD; Awisi-Gyau Deborah, OD, PhD
51	Spontaneous Bilateral Corneal Abrasions Related To Improper CI Removal Technique And Dry Eye	William Huang, BS; Eva Duchnowski, OD
52	Enhancing initial SCL fitting success utilizing sagittal depth sagittal depth	Mari Fujimoto, OD
54	The use of a novel new oblate semi-scleral contact lens design for fitting a protruding penetrating keratoplasty.	Grant Watters, MScOptom, DipCLP
55	Surpassing the Sequelae of Sarcoid Uveitis and Steroid Induced Glaucoma with Impression Molded Scleral Lenses	Sophia Lam, OD; Pam Satjawatcharaphong, OD
56	Short-term Clinical and Visual Performance of Dual-focus Soft Contact Lenses in Chinese children	Shuoshuo Chen, MD; Xiao Yang, MD, PhD; Mengyi Wang, OD, MD, PhD
59	Irregular Cornea & Hybrid lenses: a perfect combination	Maria Giulia Muzzi, Dip.Optom
60	A Rare Case of Scleral Lens Wear-Induced Limbal Microcystic Edema in the Absence of Lens-Cornea Touch	Kelly Christianson, BS; Sharon Keh, OD; Julie Song, OD; Sarah Yoon Young Shin, BA; Travis Pfeifer, BA
61	Visual Improvement with Wavefront Guided Scleral Lenses After Penetrating Keratoplasty	Becky Su, OD; John Gelles, OD; Nicolas Brown, BS; Austin Yu, BA; Steven Greenstein, MD; Peter Hersh, MD
63	Comparison of Treatment Zone Size in Two Orthokeratology Lens Designs	Cindy Shan, BS, OD
64	Incorporating a Bi-Elevation Design For Improved Scleral Lens Centration	German Aparicio, OD; Lindsay Sicks, OD
65	Location, Location, Location: Innovations in Improving Scleral Lens Centration	Melynda Gagliardi, BS, OD; Anita Gulmiri, OD
66	Myopic Defocus from Catenary Optics	Kuang-mon Ashley Tuan, OD, PhD; Doug Benoit, OD
67	Increasing the Use of Toric Orthokeratology Lenses in a Specialty Lens Practice	David Kading, OD; Lauren Downey, BS, OD
68	Nystagmus: Optical Approaches for Treatment	Evan Kaufman, OD
71	Freeform scleral lenses, a great option for a highly complicated eye	Brandon Le, BA; Karen Lee, OD
72	Beyond the obvious in the fitting of specialty contact lenses	Norma Cardenas, OD; Patricia Flores, PhD, MSc, OD



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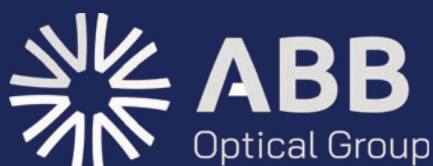
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	Poster Title	Author(s)
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74	Pushing the Limits of a Mini-Scleral: a case of scleral lens fitting in pediatric Herpes Simplex Virus keratitis	Joel Go; Julie Song, OD; Eva Duchnowski, OD
75	One Depth of Focus Channel for All Presbyopes	Douglas Benoit, OD; Ashley Tuan, OD, PhD
77	Novel Design of Freeform Rigid Gas Permeable Contact Lenses: A Case Report	Marcus Noyes, OD; Christine Sindt, OD; David Slater
78	Bilateral Prosthetic Management for Enhancing Cosmesis and Ocular Function	Jessica Liaw, OD; Dawn Lam, MSc, OD
79	Scleral Lens Management after Intrastromal Corneal Ring Segments	Jessica Liaw, OD; Dawn Lam, MSc, OD
80	Keeping a Center Focus: Bitoric RGP for Correction of High Oblique Astigmatism Following an Open Globe Injury	Julie Lin, BS, OD; Haley Italia, OD; Amy Watts, OD
82	Utilizing Pilocarpine in Adult Orthokeratology to Reduce Visual Aberrations	Melody Kordnaji, OD; Crystal Victor, OD; Andrea Janoff, OD; Kevin Willeford, OD
83	One and Done: Using Custom Contact Lens Software to Create Free Form Lenses for Corneal Irregularity	Pratik Shah, OD
84	Dueling Elevations: Two Cases of Bi-Elevation in Pediatric Scleral Lens Fittings	Cody Sherrin, OD; Sarah Bell, OD; Sudeep Pramanik, MBA, MD
85	Scleral Lens Visual Rehabilitation After Selective Endothelial Removal in Peters Anomaly	Penny Straughn, OD; Lucie Moore, BS
86	Edema Alert: Scleral Lens Precautions for A Previously Aphakic Eye	Rebecca Chung, OD
87	A Theoretical Approach To Estimate The Impact Of The Corneo-Scleral Junction Angle On Ocular Sagittal Height	Reinier Stortelder, Boptom; Javier Rojas, GO, MSc
88	Type I Lattice Corneal Dystrophy s/p Penetrating Keratoplasty: A Scleral Lens Success Story	Sharon Qiu, OD, MS
89	The Magic of Scleral Contact Lenses in a Patient with Keratoconus OU and Penetrating Keratoplasty Dehiscence Secondary to Traumatic Open Globe OS	Ngoc Hanh Vo, OD
90	Real World Perspective of Orthokeratology Efficacy and Patient Adherence - Three-Year Retrospective Assessment	Kevin Chan, OD, MS; Azinda Morrow, OD
91	Contact Lens Correction in Microspherophakia	William Skoog, OD; Lindsay Sicks, OD
92	Setting Expectations for High and Pathologic Myopic Presbyopes: Multifocal GP Fitting Overview	Travis Pfeifer, BA; Sharon Keh, OD
93	Successful Reshaping of Dry Eye Despite Poor Candidacy in an Adult Patient	Travis Pfeifer, BA, Sharon Keh, OD; Anson Tam, BA, MS
94	Molding Something Different: Impression-Based Scleral Lens for a Keratolimbal Allograft	Anthony Mac, OD, MPH
95	Avoiding A Corneal Transplant In A Young Patient	William Skoog, OD; Jennifer Harthan, OD
97	The impact of optic zone diameter on visual performance and corneal topography in orthokeratology.	Alina Buzhduga, OD, MS
98	Highs and Lows: Scleral Lens Fitting on a Patient with Severe Keratoconus and Post-Penetrating Keratoplasty	Janna Pham, BSA; Karen Lee, OD
99	How To Turn Your Aberrations From Zero to Hero: The Use of Wavefront Guided Extended Depth of Focus Scleral Lenses to Improve the Quality of Life for a Presbyopic Patient with Keratoconus	Kevin Feng, OD
100	Continuation of A Comparison of Available Scleral Lens Designs in the United States	Janna Pham, BSA; Brandon Le, BA; Karen Lee, OD
101	Correcting residual astigmatism versus revealed astigmatism in a patient with multifocal toric IOL implant	Isabel Deakins, OD
102	Utilizing Scheimplug Image Difference Mapping to Show Improvements with Scleral Lens Wear in Refractory Nodular Keratitis	Shazib Haq, OD; Amanda Dieu, OD
103	Your Weapon of Choice in Early Keratoconus and Mild Corneal Scars: Soft Toric Lenses	Sydney Krisa, BS, OD; Isabel Deakins, OD; Amy Watts, OD
104	Orthokeratology: Reset to Reassess The importance of rebounding	Binh James Tran; Karen Lee, OD
105	No Hard or Fast Rules: RGPs in Peds	Kori Watkins, OD, MS; David Meyer, OD
106	I Don't See with an RGP: Correcting an Aphakic and Phakic Patient with Scleral Lenses	Kori Watkins, OD, MS; David Meyer, OD

	Poster Title	Author(s)
107	Foggy with a Chance of Canaliculitis	Carmian Buiquy, OD; Florencia Yeh, OD
108	Clinical performance of a novel toric silicone hydrogel contact lens	Lakshman Subbaraman, PhD, BSOptom, MSc; Britt Gustafson, OD; Susan Whaley, OD; Bradley Giedd, OD, MS
109	Power profile and sagittal height differences of soft contact lenses indicated for myopia control.	Giancarlo Montani, Dip. Optom
111	A comparison of objective grading of images obtained using a slit lamp digital imaging system and an advanced topographer.	Giancarlo Montani, Dip. Optom
112	Scleral Lens Management of Soft Contact Lens Induced Limbal Stem Cell Deficiency	Fareedah Haroun, OD; Chantelle Mundy, OD
113	Optic Zone in Myopia Control with Ortho-K; Size Matters	Jaume Paune, OD, MoVsc, PhD
115	Performance of a Silicone Hydrogel Daily Disposable Contact Lens Among Heavy Digital Device Users	William Reindel, OD, MS; Marjorie Rah, OD, PhD; Ayda Shahidi, OD, PhD; Nitasha Phatak, MD, PhD; Jeffery Schafer, OD, MS; Robert Steffen, OD, MS
117	In the blink of an eye: A case of mucin ball formation with daily lenses	Madi Sachs, OD; Pam Satjawatcharaphong, OD
119	Caring For Patients With Esophoria Using Orthokeratology	Marin Nagelberg, BS; Alyssa Zoll, BS; Tiffany Chen, BS; Sharon Keh, OD
120	Bulls Eye! Pupil-Only Prosthetic Soft Lens Fitting	Marin Nagelberg, BS; Sharon Keh, OD
121	Outside Toric Limits: Correcting High Corneal Toricity with Orthokeratology	Emily Gottschalk, OD; Chad Rosen, OD, MBA, BBA
123	New Management Modality of Central Toxic Keratopathy with the use of Scleral Lenses	Rebecca Rojas, OD
124	Efficacy of Multifocal Gas Permeable Lenses on Progressive Myopia and Axial Length Elongation: A Retrospective Review	Liandra Jung, OD; Sam Lee, OD; Maria Liu, OD, PhD, MBA, MPH
125	Contact Lens Fitting After Contact Lens-Related Corneal Ulcer Resolution Case Series	Sharon Keh, OD; Elianna Sharvit, BA; Yana Seviaryn, BA; Irene Frantzis, OD
126	The IT Factor of Scleral Lens Fitting: A Scleral Shape Study	Amrit Singh
128	Utilizing Scleral Lenses to Alleviate Dry Eye Symptoms in Bell's Palsy	Marissa Cruz, BS; Crystal Victor, OD; Thuy-Lan Nguyen, OD
129	Mean corneoscleral junction angle in healthy eyes assessed objectively	Javier Rojas Viñuela, GO, MSc; David Piñero, PhD; Javier Sebastian Carmona, GO, MSc; Julio Ezpeleta, GO, MSc; Alejandra Consejo, PhD
130	Comparing sagittal height measurements obtained with profilometry and estimated with corneal topography	Javier Sebastián Carmona, GO, MSc; David Piñero Llorens, GO, MSc, PhD; Razvan Ghinea, GO, MSc, PhD; Javier Rojas Viñuela, GO, MSc; Julio Ezpeleta, GO, MSc
131	A Case Series of Unilateral Keratoconus versus Subclinical Keratoconus	Elizabeth Escobedo, OD
133	Management of Post-Keratoplasty Aniseikonia using Empirically Designed Scleral Lenses	Alia Cappellani, BSc, OD
134	Management of a Pediatric Aphakic Patient with Soft Lenses	Joanne Chan, OD
136	Improving Glare and Haloes in Adult Orthokeratology	Lindsay Sicks, OD; German Aparicio, OD
137	Wavefront Guided Scleral Lenses In the Management of Severe Keratoconic Aberrations	Jonathan King, OD
140	Navigating hydrops in a scleral lens wearer	Lilly Tran, OD; Jan Bergmanson, OD, PhD, DSc
141	Orthokeratology Lens Fit Success Using a New Software	Doerte Luensmann, PhD Dipl Ing (AO); Ashley Wallace-Tucker, OD; Kelly Voltz, OD; Sarah Guthri, PhD; Jill Woods, MSc, MCOptom; Jose A. Vega, OD, MSc
142	Comparison of the effects of Soft Contact Lenses for Myopia Management on Accommodative Esotropia	Wateen Alami, BA; Marsha Zaman, BS; Jasleen Jhaggi, OD

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143 A Review Scleral Shape Derived from Scheimpflug Profilometry	Austin Yu, BA; John Gelles, OD; Becky Su, OD; Nistha Jaki, BS; Daniel Chung, BS; Steven Greensteing, MD; Peter Hersh, MD
144 Restoring Vision in a Patient with an Open-Globe Corneal Laceration Injury	Michelle Chung, OD
147 Corneal Gas Permeable Lens for Micro Cornea	Allison Zagst, OD, MS
148 Scleral contact lens tilt measurement for higher order aberrations correction	Xifeng Xiao, PhD, Daniel Neal, BS, MS, PhD
149 Restoration of normal visual quality with wavefront guided scleral lenses	Daniel Neal, BS, MS, PhD; Xifeng Xiao, PhD, Christine Sindt, OD
150 Holes in One: Scleral Lens Fitting and Considerations in a Patient with Limbal Stem Cell Deficiency and Filtering Bleb	Camellia Lee, OD; Chirag Patel, OD
151 Changes in Scleral Lens Fittings from Post-Penetrating Keratoplasty Suture Removal	Joanne Chan, OD
152 The agreeability of pupil size measurement of different optical biometers and dynamic pupillometer	Vivian Pham, BSc; Liandra Jung, OD; Maria Liu, OD, PhD, MBA, MPH
154 More Than Meets the Eye: Acute Presentation of BRVO During Initial Scleral Lens Fitting	Jordan Ladnier, OD
156 Limbus detection using ultrawide-field OCT topography	Amanda Dieu, OD; Yan Li, PhD; Clara Llorens Quintana, PhD; David Huang, MD, PhD
157 Utilization of Anterior Segment Ocular Coherence Tomography to Automate the Design of the Back Surface of Scleral Lenses	Jeffery Cleland, OD, MBA
158 Tinted Corneal Gas Permeable Contact Lenses For A Patient With Retinitis Pigmentosa	Jessica Tu, OD
159 Post Refractive Surgery Interface Fluid Syndrome in Scleral Lenses	Ashka Patel
160 Time Heals All Wounds - Scleral Lenses for Neurotrophic Keratopathy	Avani Dave, OD
161 Successful Reshaping of Dry Eye Despite Poor Candidacy in an Adult Patient	Travis Pfeifer, Anson Tam, Sharon Keh, OD
162 Spontaneous Bilateral Corneal Abrasions related to Improper Contact Lens Removal Technique and Dry Eye Syndrome	William Huang BSc, Eva Duchnowski OD, FAAO
163 The Therapeutic Effects of Scleral Lenses in Patients Post Mohs Surgery with Exposure Keratitis: a Mini Case Series	Marsha Zaman BS, Stacy Zubkousky O.D. FAAO FSLs, Wateen Alami BS, Crystal Victor O.D., Thuy- Lan Nguyen O.D.FAAO FSLs

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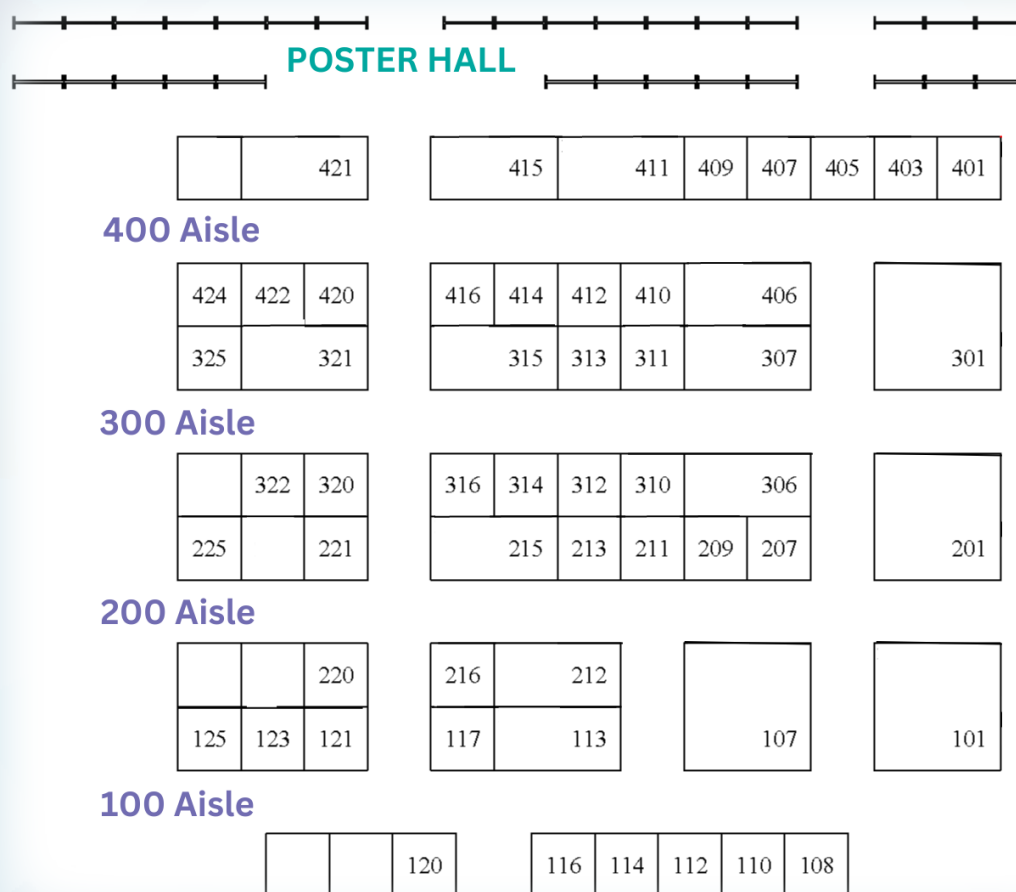


ABB Optical Group	220	Dompe	409	May Eye Interrupt	209	Tangible Science	320
Acculens	321	Dry Eye Shop	310	Medcorp International	123	Topcon Healthcare	407
Acuity Polymers	420	Eaglet Eye	211	Medmont International Pty Ltd	113	Tracey Technologies	325
Advanced Vision Technologies	416	Essilor Custom Contact Lens Specialists	225	Medtech	120	TRP Company	108
American Board of Opticianry & National Contact Lens Examiners, Inc.	422	Euclid & Visionary Optics	301	Menicon	406	TruForm Optics, Inc.	315
Art Optical	116	Eyefficient	216	Metro Optics	221	Valley Contax	415
Bausch + Lomb	101	EyePrint Prosthetics	403	OCULUS, Inc.	201	Visionary Contact Lens	424
Boston Sight	212	Glaukos Corporation	125	Ocumetra	114	Visioneering Technologies	312
Box Medical Solution	110	GP Lens Institute/CLMA	215	Optocraft	112	Wave Contact Lens System	207
Contamac	307	Hoot Health Inc	410	Ovitz Corporation	213	Weave	117
Cooper Vision	107	Johnson & Johnson Vision Care	306	Rotlex, Ltd	405	X-Cel Contacts	316
Custom Craft Lens (eye space)	121	K&Y Diamond	401	Schneider Optical Machines, Inc.	411		
DAC International, Inc.	421	Lambda X.S.A.	412	Scleral Lens Education Society	314		
DGH Technology	313	Luminos Pro	414	Specialty Tint	322		
				Sterling Ultra Precision	311		

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DGH Technology, Inc.

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<https://euclidsys.com/article/euclid-vision-announces-acquisition-of-visionary-optics>

Eyefficient

Booth 216

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www.eyefficient.com

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Ocumetra

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Optocraft GmbH

Booth 112

Optocraft supplies metrology for contact lenses and intra ocular lenses. The SHSOphthalmic cito measures and qualifies the lenses quickly, precisely, and accurately. Optocrafts products are available both for table top operation and for automation.

www.optocraft.de/shsophthalmic

Ovitz

Booth 213

OVITZ's custom, patented Wavefront-Guided contact lens system integrates a specially designed aberrometer that enhances visual acuity for patients who have compromising vision conditions.

www.ovitz.us

The Relief Products

Booth 108

The Relief Products, specialists in homeopathic OTC eye care, has announced its new Natural Eyes product line. Natural Eyes products feature 100% natural active ingredients that are globally sourced and safe for adults and children ages 2 and up. The company's formulas are also contact lens safe and suitable for daily use.

www.thereliefproducts.com/hp

Rotlex, Ltd

Booth 405

ROTLEX - your "natural choice" supplier, offering: innovative, state-of-the-art product line; highly reliable systems of unique capabilities; absolute commitment to customer satisfaction; worldwide customer base, with access to and experience in international markets; substantial investment in Research and Development, ensuring availability of the next generation.

RVL Pharmaceuticals

RVL Pharmaceuticals, Inc. was born out of the eye care community and created for the purpose of bringing Upneeq® (oxymetazoline hydrochloride ophthalmic solution), 0.1% to market. RVL's fully-owned and integrated pharmacy is modernizing prescription access to Upneeq® through a consistent and seamless experience for providers and patients.

<https://upneeq.com/>

SCHNEIDER Optical Machines

Booth 411

The SCHNEIDER team will inform about: Compact, fully featured UPC 100 Vision, optimized for highly dynamic diamond turning of specialty contact lenses, IOLs and mold inserts and most economic and compact UPC nano, with on-board freeform capabilities and an optional laser, for manufacturing high-quality specialty contact lenses ready for polishing.

www.schneider-om.com/ophthalmics/contact-lenses-iol.html

Scleral Lens Education Society

Booth 314

The Scleral Lens Education Society (SLS) teaches contact lens practitioners the science and art of prescribing scleral contact lenses. SLS supports public education highlighting the benefits and availability of scleral contact lenses. Visit Booth 314 for more information on becoming a member or fellow.

sclerallens.org

Specialty Tint

Booth 322

Specialty Tint provides affordable therapeutic, prosthetic and sport tints to those who need relief from light sensitivity, have scarred corneas or damaged irises, are seeking to enhance their eye color, or simply want sharper contrast sensitivity while enjoying their favorite pastime. Tints are available in both prescription and plano (non-Rx) powers.

www.specialtytint.com

EXHIBITORS

Sterling

Sterling manufactures precise lathes for contact lens and intraocular lens production. Its Optoforms enable high accuracy manufacturing of aspheric and multi-curve lens designs. Surface roughness of 4nm enables no-polish lens finishes and superior compression mold inserts. Sterling's FTS-5000 offers fast toric lens generation.

www.sterlingint.com

Booth 311

Tangible Science

Tangible Science strives to dramatically improve the contact lens experience for patients, eye care professionals, and contact lens manufacturers.

<https://tangiblescience.com/>

Booth 320

Topcon Healthcare

Topcon Healthcare's goal is to support providers with smart, value-driven, and efficient technologies for enhanced care. Topcon Healthcare offers modern, integrated solutions including advanced multimodal imaging, vendor-neutral data management and groundbreaking remote diagnostic technology.

www.topconhealthcare.com

Booth 407

Tracey Technologies

Tracey Technologies offers the iTrace(TM) Ray Tracing Aberrometer and Corneal Topographer. Using patented technology, the iTrace uniquely measures the aberrations of the whole eye and separates whole eye aberrations between internal and corneal. The iTrace is the preferred diagnostic device to design aberration correcting scleral and soft contact lenses.

Booth 325

TruForm Optics

TruForm focuses on specialty lenses, specializing in advancing the science and technology of scleral designs for dry eye and ocular surface disease management, myopia management with orthokeratology, bifocal and multifocal lenses for presbyopia, and traditional GP designs.

www.tfoptics.com

Booth 315

Valley Contax

Valley Contax, Inc. features the Custom Stable Scleral lens, for regular and irregular corneas that need improved comfort and performance. Visit them at booth #415. Fitting Set offer. Order a 12-lens Custom Stable Elite set and receive the first pair for free.

www.valleycontax.com

Booth 415

Visionary Contact Lens

Visionary is the specialty lens lab for your future. Stop by our booth #426 to find out what we can do to make your specialty lens practice the best it can be.

<https://visionarylens.com/>

Booth 426

Visioneering Technologies, Inc.

Visioneering Technologies combines advanced engineering with a commitment to quality results for patients and practitioners. VTI's flagship product is the NaturalVue (etafilcon A) Multifocal 1-Day Contact Lens, an extended depth of focus lens. For more information, please visit www.vtvision.com or call +1 844-884-5367, ext. 104.

www.vtvision.com

Booth 312

Vyluma

Vyluma is a development-stage biopharmaceutical company with a focus on pharmaceutical treatments for refractive errors of the eye. Vyluma has a robust pipeline of assets in various stages of development which address important unmet treatment needs of patients with refractive errors or eye pain. Our lead program is NVK002, a novel formulation of low dose atropine that is being developed as a potential treatment for the progression of myopia in children. Vyluma itself is a subsidiary of Nevakar Inc., a holding company whose subsidiaries are also engaged in developing products for the injectable markets. For additional information please visit:

www.vyluma.com.

WAVE Contact Lens System

WAVE Contact Lens System is a reliable and robust custom contact lens software platform for designing and fitting Scleral, Ortho-K and GP contact lenses.

www.wavecontactlenses.com

Booth 207

Weave

Weave is an all-in-one communication and engagement platform for optometry practices. Weave connects the different parts of the patient journey, offering service from the first time a new patient calls an office to the final invoice. Weave's software is designed to improve how practices attract, communicate, and engage with patients.

www.getweave.com/industry/optometry

Booth 117

X-Cel Specialty Contacts

X-Cel is a specialty lens focused company, globally serving ECP's with quality customer care and a large selection of specialty contact lenses including: Atlantis Scleral, a wide offering of Corneal GPs, including the new REMLens, for overnight orthokeratology, and a wide array of custom soft designs.

www.xcelspecialtycontacts.com

Booth 316



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MINI SCLERAL BENEFITS

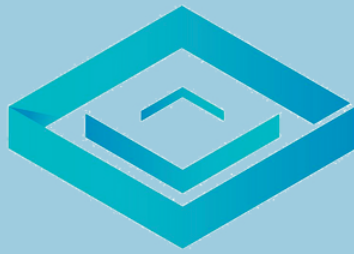
- Fitting Set Not Required But Available
- Fit From K's, Rx and Best Fit Sphere
- Less Chair Time
- Easy 4 Zone Control
- Enhanced Multifocal Design
- Easy Insertion and Removal Versus Traditional Sclerals



PARAMETERS	RANGE
DIAMETER	13.8 TO 15.5MM
HAPTIC	+500UM TO -500UM (50UM STEPS)
LIMBAL	+200UM TO -200UM (50UM STEPS)
PARA-CENTRAL	CUSTOMIZABLE

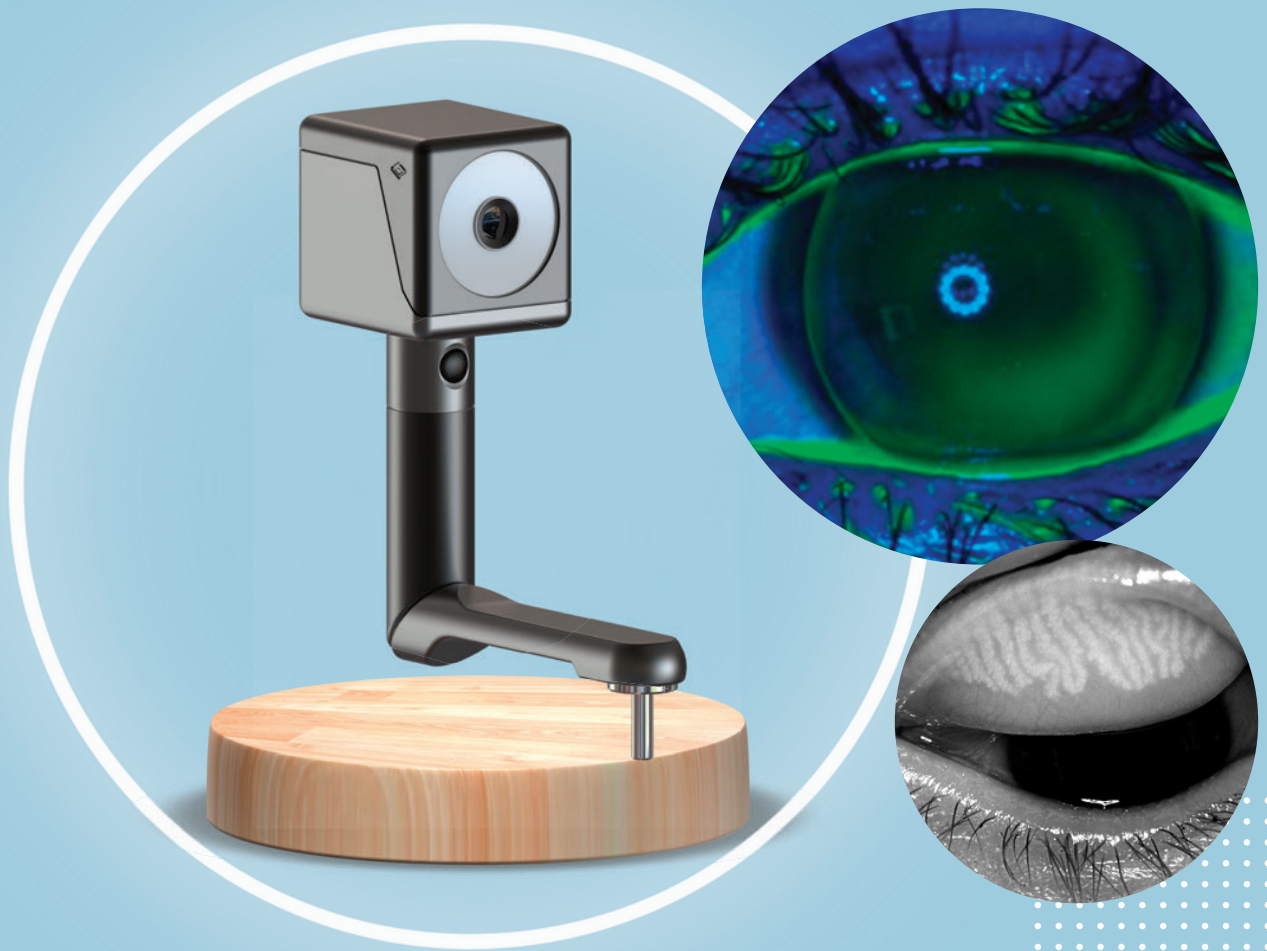


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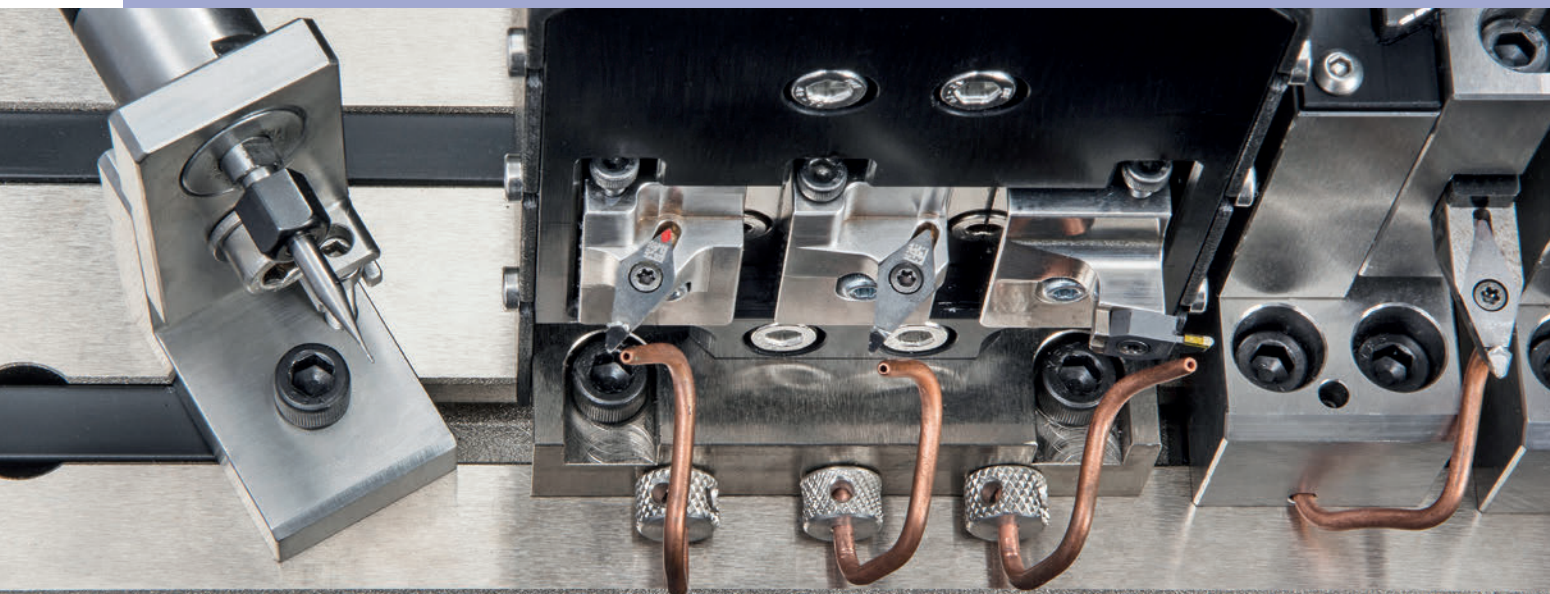
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For the treatment of all stages
of neurotrophic keratitis (NK)



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A RESOLUTION

Complete and long-lasting resolution of NK for most patients*¹⁻⁴

- Up to 72% of patients achieved complete corneal healing in clinical trials**¹⁻³
- 80% of these patients remained healed at 1 year (REPARO trial)*⁴

* Resolution was evaluated in clinical trials as complete corneal healing, defined as the absence of staining in the lesion area and no persistent staining in the rest of the cornea after 8 weeks of treatment and as <0.5-mm lesion staining at 48-week follow-up.¹⁻³

† Key study findings were after 8 weeks of treatment, 6 times daily. REPARO (Study NGF0212): 52 European patients with neurotrophic keratitis (NK) in 1 eye per group; 72% of patients completely healed; vehicle response rate 33.3%. Study NGF0214: 24 US patients with NK in 1 or both eyes per group; 65.2% completely healed; vehicle response rate 16.7%.^{2,3}

Important Safety Information WARNINGS AND PRECAUTIONS

Use with Contact Lenses

Contact lenses should be removed before applying OXERVATE because the presence of a contact lens (either therapeutic or corrective) could theoretically limit the distribution of cenegermin-bkbj onto the area of the corneal lesion. Lenses may be reinserted 15 minutes after administration.

Eye Discomfort

OXERVATE may cause mild to moderate eye discomfort such as eye pain during treatment. The patient should be advised to contact their doctor if a more serious eye reaction occurs.

ADVERSE REACTIONS

In clinical trials, the most common adverse reaction was eye pain following instillation which was reported in approximately 16% of patients. Other adverse reactions occurring in 1% to 10% of OXERVATE patients and more frequently than in the vehicle-treated patients included corneal deposits, foreign body sensation, ocular hyperemia, ocular inflammation and tearing.

USE IN SPECIFIC POPULATIONS

Pregnancy

There are no data from the use of OXERVATE in pregnant women to inform any drug associated risks.

oxervate® 
(cenegermin-bkbj ophthalmic
solution) 0.002% (20 mcg/mL)

Lactation

The developmental and health benefits of breastfeeding should be considered, along with the mother's clinical need for OXERVATE, and any potential adverse effects on the breastfed infant from OXERVATE.

Pediatric Use

The safety and effectiveness of OXERVATE have been established in the pediatric population. Use of OXERVATE in pediatric patients 2 years of age and older is supported by evidence from adequate and well-controlled trials of OXERVATE in adults with additional safety data in children.

INDICATION

OXERVATE® (cenegermin-bkbj) ophthalmic solution 0.002% (20 mcg/mL) is indicated for the treatment of neurotrophic keratitis.

DOSAGE AND ADMINISTRATION

Instill one drop of OXERVATE in the affected eye(s), 6 times a day at 2-hour intervals for eight weeks.

To report ADVERSE REACTIONS, contact Dompé U.S. Inc. at 1-833-366-7387 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Please see the Brief Summary of full Prescribing Information for OXERVATE on the following page.

References: 1. OXERVATE® (cenegermin-bkbj) ophthalmic solution 0.002% (20 mcg/mL) [US package insert]. Boston, MA; Dompé U.S. Inc.; 2019. 2. Bonini S, et al. *Ophthalmology*. 2018;125:1332-1343. 3. Pflugfelder SC, et al. *Ophthalmology*. 2020;127:14-26. 4. Data on File. Clinical Study Report (NGF0212). Dompé U.S. Inc., 2016.

See more clinical data
OXERVATE.com/hcp



Brief Summary of full Prescribing Information

Consult the full Prescribing Information for complete product information, available at www.oxervate.com/prescribing-information.

INDICATIONS AND USAGE

OXERVATE[®] (cenegermin-bkbj) ophthalmic solution 0.002% is indicated for the treatment of neurotrophic keratitis.

DOSAGE AND ADMINISTRATION

General Dosing Information

Contact lenses should be removed before applying OXERVATE and may be reinserted 15 minutes after administration.

If a dose is missed, treatment should be continued as normal, at the next scheduled administration.

If more than one topical ophthalmic product is being used, administer the eye drops at least 15 minutes apart to avoid diluting products. Administer OXERVATE 15 minutes prior to using any eye ointment, gel or other viscous eye drops.

Recommended Dosage and Dose Administration

Instill one drop of OXERVATE in the affected eye(s), 6 times a day at 2-hour intervals for eight weeks.

WARNINGS AND PRECAUTIONS

Use with Contact Lens

Contact lenses should be removed before applying OXERVATE because the presence of a contact lens (either therapeutic or corrective) could theoretically limit the distribution of cenegermin-bkbj onto the area of the corneal lesion. Lenses may be reinserted 15 minutes after administration.

Eye Discomfort

OXERVATE may cause mild to moderate eye discomfort such as eye pain during treatment. The patient should be advised to contact their doctor if a more serious eye reaction occurs.

ADVERSE REACTIONS

Clinical Studies Experience

Because clinical studies are conducted under widely varying conditions, adverse reaction rates observed in the clinical studies of a drug cannot be directly compared to rates in the clinical studies of another drug and may not reflect the rates observed in practice.

In two clinical trials of patients with neurotrophic keratitis, a total of 101 patients received cenegermin-bkbj eye drops at 20 mcg/mL at a frequency of 6 times daily in the affected eye(s) for a duration of 8 weeks. The mean age of the population was 61 to 65 years of age (18 to 95). The majority of the treated patients were female (61%). The most common adverse reaction was eye pain following instillation which was reported in approximately 16% of patients. Other adverse reactions occurring in 1-10% of OXERVATE patients and more frequently than in the vehicle-treated patients included corneal deposits, foreign body sensation, ocular hyperemia, ocular inflammation and tearing.

USE IN SPECIFIC POPULATIONS

Pregnancy

Risk Summary

There are no data from the use of OXERVATE in pregnant women to inform any drug associated risks.

Administration of cenegermin-bkbj to pregnant rats or rabbits during the period of organogenesis did not produce adverse fetal effects at clinically relevant doses. In a pre- and postnatal development study, administration of cenegermin-bkbj to pregnant rats throughout gestation and lactation did not produce adverse effects in offspring at clinically relevant doses.

Lactation

Risk Summary

There are no data on the presence of OXERVATE in human milk, the effects on breastfed infant, or the effects on milk production. The developmental and health benefits of breastfeeding should be considered, along with the mother's clinical need for OXERVATE, and any potential adverse effects on the breastfed infant from OXERVATE.

Pediatric Use

The safety and effectiveness of OXERVATE have been established in the pediatric population. Use of OXERVATE in this population is supported by evidence from adequate and well-controlled trials of OXERVATE in adults with additional safety data in pediatric patients from 2 years of age and older.

Geriatric Use

Of the total number of subjects in clinical studies of OXERVATE, 43.5 % were 65 years old and over. No overall differences in safety or effectiveness were observed between elderly and younger adult patients.

NONCLINICAL TOXICOLOGY

Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenesis and Mutagenesis

Animal studies have not been conducted to determine the carcinogenic and mutagenic potential of cenegermin-bkbj.

Impairment of fertility

Daily subcutaneous administration of cenegermin-bkbj to male and female rats for at least 14 days prior to mating, and at least 18 days post-coitum had no effect on fertility parameters in male or female rats at doses up to 267 mcg/kg/day (1709 times the MRHOD).

In general toxicology studies, subcutaneous and ocular administration of cenegermin-bkbj in females was associated with ovarian findings including persistent estrus, ovarian follicular cysts, atrophy/reduction of corpora lutea, and changes in ovarian weight at doses greater than or equal to 19 mcg/kg/day (119 times the MRHOD).



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KERATOCONUS and CROSS-LINKING

Practice Considerations in Managing Keratoconus and Cross-Linking



Nicole Albright, OD
Clinic Director,
Moses Eyecare Center
An independent optometry
practice in Merrillville, IN

KEY TAKEAWAYS

- Managing keratoconus (KC) meets patients' needs as part of a medical-model optometric practice.
- There is no global period for cross-linking; each follow-up visit is billed as an office visit.
- The progressive KC patients I have referred for cross-linking have become loyal patients.

Many optometrists are shifting towards a medical model of practice, managing chronic conditions with ocular manifestations, including dry eye, glaucoma, and diabetes. Diversifying the services you offer can better meet the needs of your patients.

Managing keratoconus (KC) is a great way to "lean in" to that more comprehensive medical model of optometric care. About 70% of KC patients first present to an optometrist's office,¹ which means

With your medical management and cross-linking referrals, modeling² suggests that patients benefit:

\$8,677

DIRECT MEDICAL COST SAVINGS PER PATIENT

\$43,759

REDUCTION IN LIFETIME COSTS PER PATIENT

1.88

INCREASE IN PATIENT QUALITY-OF-LIFE-YEARS

that we have a unique opportunity to identify this progressive disease and refer patients for the FDA-approved iLink® cross-linking procedure in the early stages, before there is permanent vision loss. After treatment, we can continue to address the patient's vision needs over time.

Collaborating with cornea specialists in the care of KC patients has provided comprehensive patient care and strengthened my relationships with ophthalmologists in the community. When they realize that we share a common goal of helping our KC patients, it opens the door not only to specialty contact lens fitting and follow-up care after cross-linking, but to collaboration and referrals in other areas, as well.

Follow-up care after iLink® cross-linking is similar to that required for PRK, with five or more visits and one or more contact lens re-fittings in the first year being typical. After that, KC patients will continue to need vision care and annual medical eye care appointments to monitor for any further corneal changes. While the timing and frequency of office visits may vary by patient and at the doctor's discretion, there is no global period for cross-linking. Any necessary post-treatment visits and diagnostic tests, such as pachymetry and topography, are typically billed separately.

I personally find scleral lens fitting and the management of progressive KC patients who are undergoing cross-linking to be among the most rewarding things I do as an optometrist. First and foremost, we offer them a treatment that can slow or halt KC progression. Furthermore,

patients are so very appreciative when you can pinpoint the cause of and address their visual quality problems with contact lenses.

Modeling suggests that iLink® cross-linking saves the average patient nearly \$9,000 in direct medical costs and nearly \$44,000 in lifetime costs²—and that doesn't even include the impact on their mental health and well-being. In addition to the cost savings, it is very fulfilling to me to know that I can help protect a young person with early progressive KC from progressing to the advanced stages of the disease, potentially avoiding a lifetime of vision loss and the need for corneal transplant surgery. One study showed a 25% drop in corneal transplants after the introduction of cross-linking.³

Our KC patients are grateful for this care. They will rave about you on social media, refer family and friends—and generally become loyal patients. ■

REFERENCES:

1. Eisenberg JS. First Treatment for Keratoconus Itself. *Optometry Times*, June 1, 2012.
2. Lindstrom RL et al. *J Med Econ* 2021;24:410.
3. Godefrooij DA, Gans R, Imhof SM, et al. *Acta Ophthalmol* 2016; 94:675-678.

INDICATIONS

Photrexa® Viscous (riboflavin 5'-phosphate in 20% dextran ophthalmic solution) and Photrexa® (riboflavin 5'-phosphate ophthalmic solution) are indicated for use with the KXL System in corneal collagen cross-linking for the treatment of progressive keratoconus and corneal ectasia following refractive surgery.

IMPORTANT SAFETY INFORMATION

Corneal collagen cross-linking should not be performed on pregnant women. Ulcerative keratitis can occur. Patients should be monitored for resolution of epithelial defects. The most common ocular adverse reaction was corneal opacity (haze). Other ocular side effects include punctate keratitis, corneal striae, dry eye, corneal epithelium defect, eye pain, light sensitivity, reduced visual acuity, and blurred vision.

These are not all of the side effects of the corneal collagen cross-linking treatment. For more information, go to www.livingwithkeratoconus.com to obtain the FDA-approved product labeling. You are encouraged to report all side effects to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.

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Hoot in Brief

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- ✓ **Reduce hassle** of educating parents
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- ✓ **Improve** back end process

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OF**

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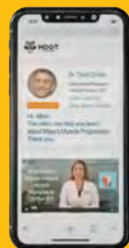


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Ask parents to scan your QR code in exam room



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Doctor uses Hoot presentations to educate and convert parents in the exam room



Increase your fees



Increase parent signups



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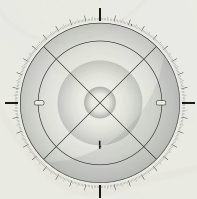


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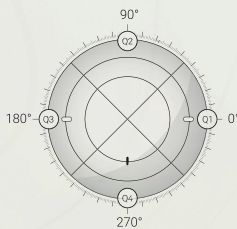
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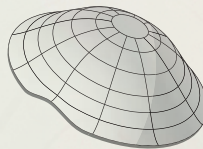
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