



OPEN MEDICAL INSTITUTE

SEMINAR REPORT

OPHTHALMOLOGY
OMI MEX WEILL CORNELL
SEMINAR

March 27-29, 2023

Medical Education Beyond Borders



Weill Cornell
Medicine



F A C T S



17 fellows
from **Mexico**



12 fellows' case
presentations



6 faculty members
from the USA and
Mexico



1 excellent case
presentation



12 didactic lectures



2 fellows' case
presentation sessions

GROUP PHOTO







	Monday March 27	Tuesday March 28	Wednesday March 29
08:00 – 09:00	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST
09:00 – 10:00	Introductions Pre-Seminar Test	Higher Order Cortical Visual Syndromes Marc J. Dinkin, MD	Multimodal Imaging in Retina Gerardo Ledesma Gil, MD
10:00 – 11:00	That Looks Painful: Periocular Trauma Pearls Gary J. Lelli Jr, MD	IIH and its Mimickers Marc J. Dinkin, MD	Central Serous Chorioretinopathy Management: An Update Gerardo Ledesma Gil, MD
11:00 – 11:30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
11:30 – 12:30	Identifying Eyelid Malignancies and Reconstruction Tips Gary J. Lelli Jr, MD	Manual Small Incision Cataract Surgery Charles A. Cole, MD	Late Lasik Management (Enhancements, Ectasia and Cataract Development) Jorge E. Valdez-García MD, MMSc, PhD
12:30 – 13:30	Advances in Ophthalmology US Faculty	MIGS Device Update Charles A. Cole, MD	Post-Seminar Test Evaluation & Discussion
13:30 – 14:30	LUNCH	LUNCH	LUNCH CLOSING CEREMONY & AWARDS
14:30 – 15:30	Updates in the Management of Herpetic Keratitis Ana G. Alzaga Fernandez, MD	Adventures in Cataract Surgery Ana G. Alzaga Fernandez, MD Charles A. Cole, MD	
15:30 – 17:00	Workshop Fellows' Case Presentations	Workshop Fellows' Case Presentations	



**Ana G. Alzaga Fernandez, MD
(Course Director)**

Assistant Professor of Ophthalmology
Weill Cornell Medicine
New York-Presbyterian Hospital
1305 York Avenue
New York, NY 10021
USA

Phone: +1-646-962-2020
Fax: +1-646-962-0604
Email: ana9102@med.cornell.edu

Ana G. Alzaga Fernandez, MD is an ophthalmologist who provides comprehensive eye care and specializes in cornea, refractive, and cataract surgery. She graduated from the medical school of Universidad Autonoma de Tamaulipas in Tampico, Mexico. She received the "Dr. Rodolfo Maya Gonzalez" award, given to the most outstanding student from her class. She then completed a research fellowship at the Retinal Vascular Center at St. Joseph's Hospital in Houston, Texas. After completion of an internal medicine preliminary internship year at the University of Texas Health Science Center at Houston, Texas, she pursued her ophthalmology training at the Henry Ford Hospital in Detroit, Michigan. She was selected to be the chief resident with her main focus in research development amongst her peers. After residency, she completed a one-year fellowship program in cornea, cataract, and refractive surgery at Weill Cornell Medicine Ophthalmology. Dr. Alzaga Fernandez has participated in several book chapters and publications and has been involved in multiple research protocols. She is highly committed to medical student and resident education. Her main clinical interests are corneal and anterior segment diseases in both adult and pediatric populations, ocular surface disorders, dry eye, corneal transplantation, cataract surgery, and laser vision correction. Dr. Alzaga Fernandez is currently on the faculty of Weill Cornell Medicine and New York Hospital as the Assistant Professor of Ophthalmology. She lives in New York City with her husband Andrea and children Luca, Lorenzo, and Lucia.



Charles A. Cole, MD

Clinical Assistant Professor of Ophthalmology
Weill Cornell Medicine
New York-Presbyterian Hospital
485 Park Ave.
New York, NY 10022
USA

Phone: +1-212-753-6464
Fax: +1-212-753-6469
Email: charlescolemd@gmail.com

Charles A. Cole, MD is a board-certified ophthalmologist who is fellowship trained in Glaucoma, Cataract, and Refractive Surgery. Dr. Cole earned his medical degree from Columbia University's College of Physicians and Surgeons and did his residency at Mount Sinai/NYU. He completed his glaucoma fellowship at the Weill Cornell Medical Center and then joined the fulltime faculty as an Assistant Professor of Ophthalmology and is now on the voluntary faculty. Dr. Cole is also the director of the Glaucoma services at the New York Hospital Queens Eye Center where he is also an integral part of the residency training program. Additionally, he is very active with the international community and has traveled to Mongolia, Peru, Cameroon, Ghana, and Tanzania to teach surgical techniques for cataract and glaucoma surgery. He has coauthored a book chapter on Manual Small Incision Cataract Surgery and is on the American Academy of Ophthalmology Section 11 Lens and Cataract Committee responsible for editing and writing that book. He has lectured extensively on glaucoma and cataract surgery in Asia, Africa, North America, South America, and Europe.



Marc J. Dinkin, MD

Director of Neuro-Ophthalmology
Associate Professor
Departments of Ophthalmology and Neurology
Weill Cornell Medicine
New York-Presbyterian Hospital
1305 York Avenue, 11th Floor
New York, NY 10065
USA

Phone: +1-646-962-4297
Email: mjd2004@med.cornell.edu

Marc J. Dinkin, MD is the director of Neuro-Ophthalmology at Weill Cornell Medicine and New York Presbyterian Hospital, Associate Professor in Ophthalmology within the departments of Ophthalmology and Neurology, and a Robert and Helen Appel Scholar. Dr. Dinkin specializes in diseases of the visual nervous system and optic nerve and treats patients with vision loss, double vision, and nystagmus. After completing his undergraduate studies at Harvard University in Boston, Massachusetts, he attended Weill Cornell Medical College and completed his Neurology residency at New York Presbyterian Hospital, where he was chief resident. After returning to Boston, he received his fellowship training in Neuro-Ophthalmology at the Massachusetts Eye and Ear Infirmary/Harvard Medical School with Drs. Joseph Rizzo IIIrd, Simmons Lessell, and Dean Cestari. Dr. Dinkin's research interests include the use of optical coherence tomography (OCT) to detect retrograde transsynaptic degeneration of the retinal ganglion cells after post-geniculate injury and is the co-investigator of a collaborative trial at Weill Cornell to treat medically refractive idiopathic intracranial hypertension (IIH) with stenting of transverse sinus stenosis. His papers on both subjects have been awarded the J. Lawton Smith award by North American Neuro-Ophthalmology Society. He has also recently made several contributions regarding the neuro-ophthalmic complications of COVID-19. He enjoys serving as a peer reviewer for multiple Ophthalmology and Neurology journals. Dr. Dinkin is a passionate teacher, and his efforts have earned him teacher of the year awards from both the Ophthalmology and Neurology departments at Weill Cornell Medicine. He is also the Director of the Weill Cornell Neuro-ophthalmology Fellowship, which he founded eight years ago. In his spare time, he enjoys writing musicals, but his greatest passion is for his family, which includes his wife Julie and three children, Max, Benjamin, and Sophia.



Gary J. Lelli Jr., MD

Vice Chair and Associate Professor of Ophthalmology
Director of Ophthalmic Plastic, Reconstructive and Orbital
Surgery

Weill Cornell Medicine
New York-Presbyterian Hospital
1305 York Avenue
New York, NY 10021
USA

Phone: +1-646-962-2020

+1-646-962-3182

Fax: +1-646-962-0604

Email: gjl9003@med.cornell.edu

Gary J. Lelli Jr., MD is an ophthalmologist who specializes in ophthalmic plastic, reconstructive and orbital surgery. Dr. Lelli grew up in the north-eastern United States, just outside of Philadelphia, Pennsylvania. He attended the University of Michigan in Ann Arbor for his undergraduate studies. He graduated from Mount Sinai School of Medicine and completed his ophthalmology residency at the University of Michigan, where he was chief resident. His sub-specialty training consisted of a two-year American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) fellowship in New York City at Columbia University, New York Eye and Ear Infirmary, Manhattan Eye, Ear and Throat Hospital and New York University. Dr. Lelli's research interests include clinical and anatomic aspects of the eyelids, orbit, and lacrimal system. Current studies are investigating reanimation of facial palsy patients with nanomagnets and collaborative efforts with otorhinolaryngology studying novel surgical treatments for lacrimal disease. Dr. Lelli is currently on the faculty of Weill Cornell Medicine and New York Presbyterian Hospital, where he serves as Vice Chairman, Associate Professor of Ophthalmology and Director of Ophthalmic Plastic, Reconstructive and Orbital Surgery. Gary lives in New York with his wife Kelly, their four children (Michael, Grace, Nora, and Emily), and their black Labrador, Ozzy.



Gerardo Ledesma-Gil, MD

Attending Physician and Professor
Retina Department
Institute of Ophthalmology
Fundacion Conde de Valenciana
Chimalpopoca 14, Colonia Obrera
Mexico City 06800
Mexico

Phone: +52-55-54-42-17-00

Email: gerardo.ledesma.md@gmail.com

Gerardo Ledesma-Gil, MD is an ophthalmologist who specializes in medical and surgical retina. Dr. Ledesma-Gil grew up in Mexico in the state of Guanajuato and completed his undergraduate studies there. He graduated from the University of Guanajuato School of Medicine and completed his ophthalmology residency and vitreoretinal fellowship at the Institute of Ophthalmology Fundacion Conde de Valenciana in Mexico City. His international fellowship training in medical retina was at the Vitreous Retina Macula Consultants of New York with Drs. Lawrence A. Yannuzzi, Richard F. Spaide, K. Bailey Freund, and Yale L. Fisher. Dr. Ledesma-Gil's research interests include age related macular degeneration, pachychoroid-related disorders, and retinal imaging. Recent publications include evaluation of the choroidal vascular patterns of patients with pachychoroid-related diseases, and the use of a deep learning noise reduction model on swept source optical coherence tomography volumetric scans, both published in the journal *Retina*. He is a peer reviewer for multiple major ophthalmic journals and is the treasurer of the Retina Mexican Association. In 2018, Dr. Ledesma-Gil received the Fellowship Project Award of the Global Ophthalmology Awards Program for his research regarding age related macular degeneration and cardiovascular disease. Dr. Ledesma-Gil is currently an Attending Physician and Professor in the Retina Department of the Institute of Ophthalmology Fundacion Conde de Valenciana. He lives in Mexico City.



Jorge E. Valdez-García, MD, MMSc, PhD

Associate Professor of Ophthalmology
Head of Advanced Therapies in Visual Science Research
Chair
Chief Strategic Relations Officer
TecSalud - Tecnológico de Monterrey
Centro Médico Zambrano Hellion
Monterrey, NL
Mexico

Email: jorge.valdez@tec.mx

Jorge E. Valdez-García, MD, MMSc, PhD is an opinion leader in the healthcare field who served for 12 years as the Dean of the School of Medicine and Health Sciences of Tecnológico de Monterrey, with 25 years of experience in academic medicine. This year, he was appointed Chief Strategic Relations Officer of TecSalud (Tecnológico de Monterrey Academic Health System). He is a surgeon, specialist in ophthalmology with a master's degree in medical sciences and a doctorate in research in surgery. He is a national researcher (level 2) in health sciences, the author of five books, 17 chapters, and 111 articles in the medical and health sciences area. He has a long career of senior management in institutions of the health sector in the areas of strategic planning, quality, and health education. He served as the General Director of Planning and Development in Health, as well as the General Directorate of Quality and Health Education of the Ministry of Health. He has extensive experience leading professional organizations, having chaired more than seven national and international medical associations. He is recognized for his innovative work in the formation of leaders in the field of health, through seminars and diplomas specialized in medical leadership and health sciences. He is a member of the editorial boards of: Journal of Emmetropia, Revista Mexicana de Oftalmología, International Journal of Keratoconus, and Tec Review and Ophthalmology Review (Mexico). In his editorial career, he has been the Editor-in-Chief of the Revista Avances (Revista de Divulgación Médico Científica - Hospital San José Tec de Monterrey from September 2006 to 2010) and Guest Editor at Revista Mexicana de Oftalmología 90 (Supplement 1) February 2016, Revista Annals of Eye Science Vol, 4 October 2019. He is also a member of the Editorial Board of Tecnológico de Monterrey (Editorial Digital), the Editor of the Mexican Journal of Medical Education, and was recently appointed Scientific editor of Tec Science. He has been awarded several distinctions for his work in the health sector: twice received BIENNIAL Ophthalmology Award PUIS-SMO, National Health Award Coparmex, Medal for Medical Merit "Dr. Carlos Canseco" Municipality of Monterrey, Medical Research Award "Dr. Jorge Rosenkranz", Award for Scientific Career of the College of Surgeons of the state of Nuevo León, and the Award for Teaching and Research Work of Tecnológico de Monterrey. He is a Fellow of the Mexican Academy of Surgery. He is a founding member of the National Academy of Medical Education and is the past president of the Pan American Ophthalmology Foundation. He is also President of the Mexican Association of Faculties and Schools of Medicine.



Becky Aguilar-Álvarez de Sáenz

Executive Director | AMSA

- Bachelors degree in economics, Instituto Tecnológico Autónomo de México (ITAM)
- Banking and financial career for 15 years
- Member of the Board Civic Committee, Ford Motor Company Mexico
- Treasurer of the Board of Trustees UNETE (Unión de Empresarios por la Tecnología en la Educación)
- Member of the International Women's Forum
- Member of the Mexican Council for International Affairs
- AMSA's Executive Director since 2010



Gerardo Legorreta Creel

President of the Board | AMSA

- Chairman of the Board of Trustees, Alianza Médica para la Salud, A. C. (AMSA)
- Studied at the London Business School and Instituto Tecnológico Autónomo de México (ITAM)
- CEO of UBS (Union Bank of Switzerland)
- Member of the Board of Directors of Bepensa, SA de CV
- Founder and Managing Director of LG & A

FELLOWS



Irving Domínguez, MD
Tecnologico de Monterrey
Department of Ophthalmology
Av. Batallon de San Patricio 112, Real San Agustín
66278 San Pedro Garza Garcia
Mexico
irv_dominguez@hotmail.com



Ana Mercedes García Albisua, MD
Asociación Para Evitar la Ceguera en México
Department of Ophthalmology
Vicente García Torres 45 Barrio San Lucas
04030 Mexico City
Mexico
ana.meche@gmail.com



Diego Antonio García Bernabé, MD
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Boulevard Revolución SN
27000 Torreón
Mexico
diego.a.garcia.med@gmail.com



Abigail Garcia Ramirez, BM
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Boulevard Revolución SN
27250 Torreón
Mexico
aby.garram@gmail.com



Luis Gittins, MD
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Boulevard Revolución SN
27100 Torreon
Mexico
gittinsothon@hotmail.com



Stefany Ibarra, PhD
Umae 71
Department of Ophthalmology
Boulevard Revolucion
27200 Otzoc
Mexico
drastefanygis@gmail.com



Dennise Paola Ibarra Ovalle, MD
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Boulevard Revolución SN
27000 Torreón
Mexico
dra.denniseovalle@gmail.com



Julio Jimenez, MD
Tecnologico de Monterrey
Department of Ophthalmology
Batallon de San Patricio 112
66278 San Pedro Garza Garcia
Mexico
juliojimenez@outlook.com



Ramon Ignacio Losa Castillo, MD
Fundación Hospital "Nuestra Señora de la Luz"
Department of Ophthalmology
Ezequiel Montes 135
06030 Mexico City
Mexico
ramonlosac@gmail.com



Jorge Gerardo Morales Navarro, MD
Institute of Ophthalmology Fundación Conde de
Valenciana
Department of Ophthalmology
Chimalpopoca 14, Col. Centro
06800 Mexico City
Mexico
jorgegerardomoralessnavarro@gmail.com



Gustavo Ortiz-Morales, MD
Tecnologico de Monterrey
Department of Ophthalmology
Av. Batallon de San Patricio 112, Real San
Agustín, San Pedro Garza García, N.L.
66278 Monterrey
Mexico
gomorales7@gmail.com



Remigio Antonio Pech Lugo, MD
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Boulevard Revolución SN
27000 Torreón
Mexico
remigiopechlugo@gmail.com



Argelia Portos, MD
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Boulevard Revolución SN
27200 Torreón
Mexico
argelia2a35@gmail.com



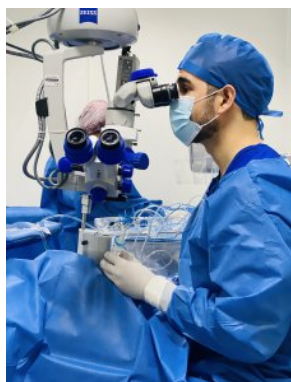
Beatriz Ramos Aguilar, MD
National Institute of Medical Rehabilitation
Department of Ophthalmology
Calz México-Xochimilco 289
14389 Mexico City
Mexico
beatriz.ra193@gmail.com



Laura Minerva Rivera Bazan, MD
Universidad de Guadalajara
Department of Ophthalmology
Palma Ruvelina
28107 Colima
Mexico
draminervarivera@gmail.com



Alfredo Ruiz-Montenegro Rivodó, MD
Tecnologico de Monterrey
Department of Ophthalmology
R. Wagner 50, La Loma
58290 Monterrey
Mexico
alfruiz97@gmail.com



Sergio Augusto Villa Cedillo, MD
Instituto Mexicano del Seguro Social
Department of Ophthalmology
Blv Revolucion
27000 Torreón
Mexico
dr.sergiovilla@gmail.com

OMI VOICES

Faculty Feedback

"It was such an honor to participate in the very first OMI MEX Ophthalmology seminar. One of my favorite parts was the dynamic dialogue, exchange of ideas, and knowledge that happened in the classroom between faculty and fellows. We all learned so much from each other. Another important highlight is the long-lasting friendships and collaborations that arise from this type of meeting. I have truly enjoyed being a part of it and have found it to be such a rewarding and enriching experience."

Ana G. Alzaga Fernandez, MD

Weill Cornell Medicine



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OMI VOICES



“ I enjoyed the "Advances in Ophthalmology" lecture. It is always interesting to hear about the future of medical diagnosis and treatment.

Alfredo Ruiz-Montenegro Rivodó, MD
OMI MEX fellow from Mexico



“ We had the opportunity to speak one-on-one with the experts and to create new relationships with other fellows who are mostly colleagues in Mexico, which is great for future collaborations. This is what I treasure the most, the networking that is done during the seminar. I am so thankful for this opportunity!

Ana Mercedes García Albisua, MD
OMI MEX fellow from Mexico



“ The lectures from Dr. Dinkin were incredible. It was so interesting how he kept the attention of everyone in the room and the way he explained neuro-ophthalmology in such a simple way.

Irving A. Domínguez Varela, MD
OMI MEX fellow from Mexico



CONTACT



Salzburg Stiftung der AAF
Schloss Arenberg
Arenbergstrasse 10
5020 Salzburg | Austria



www.openmedicalinstitute.org



+43 662 640 101



portal.openmedicalinstitute.org



seminars@openmedicalinstitute.org



www.openmedicalinstitute.org/news

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