

CRISTAL MANZANILLO ROSARIO, M.D.

Academic Experience

- **Advanced Specialization in Cornea and Refractive Surgery**
Association to Prevent Blindness in Mexico IAP (APEC). “Dr. Luis Sánchez Bulnes” Hospital. National Autonomous University of Mexico (UNAM). Coyoacán, Mexico.
March **2019** – February **2021**
- **Rotation in Cornea Service**
Johns Hopkins Hospital. Baltimore, Maryland. USA.
Nov. **2019** – Dec. **2019**
- **Ophthalmological Surgeon**
Dr. Elias Santana Ophthalmological Hospital.
La Romana and Azua. Dominican Republic.
July **2018** – February **2019**
- **Ophthalmology Resident**
Dr. Elias Santana Ophthalmological Hospital.
Santo Domingo Oeste, Dominican Republic.
June **2015** – June **2018**
- **General Practitioner – Legal Internship**
Dr. Elias Santana Ophthalmological Hospital.
Santo Domingo Oeste, Dominican Republic.
October **2013** – October **2014**
- **Rotation in Surgery and Psychiatry – Medical Student.**
Miguel Hernández University of Elche. Alicante, Spain.
October – November **2012**

Education

- **National Autonomous University of Mexico (UNAM)**
Advanced Specialty in Cornea and Refractive Surgery. Association to Prevent Blindness in Mexico IAP, “Dr. Luis Sánchez Bulnes” Hospital. Coyoacán, Mexico.
2019 – 2021
- **Technological Institute of Santo Domingo (INTEC)**
Ophthalmology Residency Program. Dr. Elías Santana Eye Hospital. Santo Domingo Oeste, Dominican Republic.
2015 – 2018
- **University of Puerto Rico (UPR)**
Basic Ophthalmology Course "Dr. Guillermo Picó Santiago".
Rio Piedras, San Juan, Puerto Rico. January – March **2015**
- **Ibero-American University (UNIBE)**
Doctor of Medicine (MD). Magna Cum Laude. Santo Domingo, Dominican Republic.

2008 – 2013

Licenses and Certifications

- Certification in EVO Visian ICL Lens Implantation. Arfamex. Mexico City. October, **2020**
- VisuMax Femtosecond Laser Certification in the following procedures: SMILE, FLAP, and ICR. Carl Zeiss, LATAM, Refractive Lasers. Mexico City. February **2020**
- Basic Science, Optics and Refraction and Clinical Sciences Examination in Ophthalmology (ICO). International Council of Ophthalmology. **2015 , 2016 , 2017**
- Basic Life Support (BLS) for Healthcare Professionals (CPR & AED). American Heart Association. Technological Institute of Santo Domingo (INTEC). **2015**
- Medical License – Exequatur No. 293-15. Ministry of Public Health. Santo Domingo, Dominican Republic. Issued in Nov **2015**

Publications / Scientific Posters / Presentations

- “Optic Neuropathy After Laser In Situ Keratomileusis” Luis Quintana; Cristal Manzanillo-Rosario, Maria F. Golzarri, Ana M. García, Guillermo de Wit. Association to Prevent Blindness in Mexico, APEC. Mexican Journal of Ophthalmology. October **2021**. DOI: 10.24875/RMOE.M21000190
- “Refractive and Visual Outcomes After Intrastromal Implantation of Corneal Rings for Femtosecond Laser-Assisted Keratoconus” Manuel Ramírez, MD; Cristal Manzanillo-Rosario, MD. Association to Prevent Blindness in Mexico, APEC. January **2021**
- “Therapeutic Efficacy of Topical Chemotherapy in Squamous Ocular Surface Neoplasia.” Cristal Manzanillo-Rosario, MD; Miguel A. Lopez, MD; Joaquin Lora-Hernandez, MD. American Society of Cataract and Refractive Surgery (ASCRS). Virtual Annual Meeting. Electronic Poster, Boston, MA. May **2020**
- “Clinical Results of Simple Limbal Epithelial Cell Transplantation in Unilateral Chemical Burns of the Ocular Surface.” Cristal Manzanillo-Rosario, MD; Nalleli Ramos Betancourt, MD. Association to Prevent Blindness in Mexico, APEC. January **2020**
- 101 Diagnostic Methods in Ophthalmology and Their Practical Application in the Main Ocular Pathologies: “Clinical Case-Fungal Keratitis”. Oral Presentation. Camino Real Polanco Hotel, Mexico City. August **2019**
- “Comparison between Peripheral Laser Iridotomy vs. Incipient Cataract Extraction in Narrow Angles.” Cristal Manzanillo-Rosario, MD; Nellie Olivo, MD. Latin American Glaucoma Congress. Scientific Poster. Cartagena, Colombia. November **2018**
- “Therapeutic Efficacy in Squamous Cell Neoplasia of the Ocular Surface.” Cristal Manzanillo-Rosario, MD; Miguel A. Lopez, MD; Joaquin Lora-Hernandez, MD. Oral Presentation. 50th Annual Meeting of the Dominican Society of Ophthalmology, Punta Cana, Dominican Republic. June **2017**

Volunteering Experience

- Ophthalmologist. Glaucoma Blindness Prevention Campaigns. Dr. Elías Santana Eye Hospital. Santo Domingo West, Dominican Republic. **2015 – 2018**

- General Practitioner. Two-week campaigns and projects promoting medical consultations, performing surgeries for low-income individuals, and other related activities. Medical Ministry International (MMI) . **2013–2014**

Memberships

- Active Member of the Pan-American Cornea Society (PANCORNEA) since **2020**
- Active Member of the Dominican Medical Association. Since **2019**
- Active Member of the American Academy of Ophthalmology. Since **2019**
- Active Member of the Dominican Society of Ophthalmology. Since **2019**

Conferences

- 58th Annual Meeting – Dominican Society of Ophthalmology. Punta Cana, Dominican Republic. June **2026**
- XXX International Course on Cornea and Refractive Surgery. Cancun, Mexico. September 3–6, **2025**
- XXXVI Pan-American Congress of Ophthalmology (PAAO). Bogotá, Colombia. May 30 – June 2, **2025**
- Bootcamp ALCON REVISION. Panama City, Panama. May 8–9, **2025**
- Descemet's Membrane Endothelial Keratoplasty (DMEK), Excellence Course in Ophthalmology. Association to Prevent Blindness in Mexico IAP Mexico City, Mexico. August 9, **2019**
- Management of Ectasias with Intrastromal Rings. Mexican Center for Cornea and Refractive Surgery. Nochebuena neighborhood, Mexico City. April 25, **2019**
- DSAEK/DMEK Endothelial Transplants. Mexican Center for Cornea and Refractive Surgery. Nochebuena neighborhood, Mexico City. March 21, **2019**
- VII Annual Course on Cornea – Cataract – Refractive. Perelló Cultural Center. Baní, Peravia. Dominican Republic. October 6, **2018**
- 51st Annual Meeting of the Dominican Society of Ophthalmology. Hotel Paradisus Palma Real, Punta Cana. Higüey, Dominican Republic. June 28 – July 1, **2018**
- XXXIX Inter-American Course in Clinical Ophthalmology. The Bascom Palmer Eye Institute. University of Miami. Miami, Florida, United States. November 19–22, **2017**
- Update on Ocular Diabetes and Retinopathy of Prematurity. National Institute of Diabetes, Endocrinology and Nutrition.

Santo Domingo, Dominican Republic. October 21, **2017**

- VI Annual Course on Cornea – Cataract – Refractive.
Perelló Cultural Center, Baní.
Peravia, Dominican Republic. October 7, **2017**
- 50th Annual Meeting of the Dominican Society of Ophthalmology.
Hard Rock Hotel, Punta Cana.
Higüey, Dominican Republic. June 29 – July 2, **2017**

Languages

- Spanish – Native
- English – Spoken / Written