

Cristal Manzanillo Rosario, MD

Academic Experience

- **Fellowship in Cornea and Refractive Surgery**
Association to Avoid Blindness in Mexico I.A.P (APEC). Hospital "Dr. Luis Sánchez Bulnes". National Autonomous University of Mexico (UNAM). Coyoacan, Mexico
March 2019- February 2021
- **Observer in Cornea Service**
Johns Hopkins Hospital. Baltimore, Maryland. USA
Nov. 2019 - Dec. 2019
- **Ophthalmologist Surgeon**
Ophthalmological Hospital Dr. Elías Santana
La Romana and Azua. Dominican Republic
July 2018 - February 2019
- **Resident in Ophthalmology**
Ophthalmological Hospital Dr. Elías Santana
Santo Domingo Oeste, Dominican Republic
June 2015 - June 2018
- **General Practitioner- Law Internship**
Ophthalmological Hospital Dr. Elías Santana
Santo Domingo Oeste, Dominican Republic
October 2013 - October 2014
- **Observer in Surgery and Psychiatry- Medical Student**
Miguel Hernández University of Elche. Alicante, Spain
October -November 2012

Education

- **National Autonomous University of Mexico (UNAM)**
Fellowship in Cornea and Refractive Surgery. Association to Avoid Blindness in Mexico I.A.P, Hospital "Dr. Luis Sánchez Bulnes". Coyoacan, Mexico
2019-2021
- **Technological Institute of Santo Domingo (INTEC)**
Ophthalmology Residency Program.
Ophthalmology Residence. Ophthalmological Hospital Dr. Elías Santana
Santo Domingo Oeste, Dominican Republic
2015 – 2018
- **University of Puerto Rico (UPR)**
Basic Course of Ophthalmology "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

- **EVO Visian ICL lens implant certification. Arfamex**
Mexico City. October, 2020
- **VisuMax Femtosecond Laser Certification in 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 / BLS) for Health Professionals (CPR & DEA)**
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 Nov 2015

Publications/ Scientific Poster/ Presentations

- **"Optic Neuropathy After Laser In Situ Keratomileusis"** *Luis Quintana; Cristal Manzanillo-Rosario, Maria F. Golzarri, Ana M. García, Guillermo de Wit.* Association to Avoid Blindness in Mexico, APEC. **Mexican Journal of Ophthalmology.** October 2021. DOI: 10.24875/RMOE.M21000190
- **"Refractive and Visual Results after Intrastromal Implantation of Corneal Rings for Keratoconus assisted by Femtosecond"**. *Manuel Ramírez, MD; Cristal Manzanillo-Rosario, MD.* Association to Avoid 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. 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 Avoid 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. Hotel Camino Real Polanco, Mexico City. August 2019
- **"Comparison between Laser Peripheral Iridotomy vs Incipient Cataract Extraction at Narrow Angles"**. *Cristal Manzanillo-Rosario, MD; Nellie Olivo, MD*. Latin American Glaucoma Congress. Scientific Poster. Cartagena Colombia. November 2018
- **"Therapeutic Efficacy in Squamous Neoplasia of the Ocular Surface"**. *Cristal Manzanillo-Rosario, MD; Miguel A. Lopez, MD; Joaquin Lora-Hernandez, MD*. Oral presentation. 50 Annual Meeting of the Dominican Society of Ophthalmology, Punta Cana, Dominican Republic. June 2017

Volunteer Experience

- **Ophthalmologist.** Glaucoma Blindness Prevention Campaigns. Ophthalmological Hospital Dr. Elías Santana. Santo Domingo Oeste, Dominican Republic
2015-2018
- **General Physician.** Campaigns and 2-week projects where medical consultations are promoted, surgeries are performed on people with limited resources, among others. Medical Ministry International (MMI).
2013-2014

Memberships

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

Conferences

- **Descemet's Membrane Endothelial Keratoplasty (DMEK), Course of Excellence in Ophthalmology**
Association to Avoid Blindness in Mexico I.A.P.
Mexico City, Mexico. Aug 9, 2019
- **Management of Ectasias with Intrastromal Rings**
Mexican Center for Cornea and Refractive Surgery.
Colonia Nochebuena, Mexico City. March 21, 2019
- **DSAEK / DMEK Endothelial Transplants.**
Mexican Center for Cornea and Refractive Surgery.
Colonia Nochebuena, Mexico City. March 21, 2019
- **VII Annual Course on Cornea - Cataract – Refractive**

Perelló Cultural Center. Baní, Peravia. Dominican Republic. October 6, 2018

- **51 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