

GUILLERMO RAÚL VERA-DUARTE, MD

Cornea, External Diseases & Refractive Surgery Specialist

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PERSONAL INFORMATION

Date of Birth:	April 16, 1990	Nationality:	Paraguayan
Place of Birth:	Asunción, Paraguay	Languages:	Spanish, English, Guaraní
ResearchGate:	Guillermo Raúl Vera-Duarte		

EDUCATION & TRAINING

High Subspecialty: Cornea, External Diseases & Refractive Surgery	2022 – 2025
Universidad Nacional Autónoma de México (UNAM) Instituto de Oftalmología Fundación Conde de Valenciana IAP, Mexico City, Mexico	
Residency in Ophthalmology	2019 – 2022
Facultad de Ciencias Médicas, Hospital de Clínicas, Universidad Nacional de Asunción, Paraguay	
Postgraduate Diploma in University Teaching (Didáctica Universitaria)	2021
Universidad Nacional de Asunción, Paraguay	
Diploma in Clinical and Experimental Research in Health	2021 – 2022
Universidad Nacional Autónoma de México (UNAM), Mexico City, Mexico	
Residency in Anesthesiology, Reanimation & Pain Management	2016 – 2019
Facultad de Ciencias Médicas, Universidad Nacional de Asunción, Paraguay	
Doctor of Medicine and Surgery (MD)	2009 – 2014
Facultad de Ciencias Médicas, Universidad Nacional de Asunción, Paraguay	

ACADEMIC RECORD

Medical Degree (GPA): 3.82 / 5.00 (2009–2014)
Rotating Internship (GPA): 4.87 / 5.00 (2015–2016)
Anesthesiology Residency (GPA): 4.00 / 5.00 (2016–2019)
Ophthalmology Residency (GPA): 4.00 / 5.00 (2019–2022)

AWARDS & DISTINCTIONS

- Best Interinstitutional Presentation Award. Sociedad Paraguaya de Oftalmología. 2019.

INDEXED PUBLICATIONS (2023–2026)

2026

1. **Vera-Duarte GR**, Ortiz-Morales G, Guerrero-Acosta JC, Carrete-Corral SA, Ramirez-Miranda A, Graue-Hernandez EO, Rodriguez-Garcia A, Navas A. **Atopic keratoconjunctivitis: From molecular mechanism to clinical implications.** *Surv Ophthalmol.* 2026 Mar. doi: 10.1016/j.survophthal.2026.03.011.

2025

2. **Vera-Duarte GR**, Ortiz-Morales G, Müller-Morales CA, Navas A, Ramirez-Miranda A, Graue-Hernandez EO, Kahuam-López N. **Mini-simple limbal epithelial transplantation and conjunctival limbal autograft for the treatment of primary pterygium: Study protocol for a randomized controlled trial.** *Trials.* 2025;26:457. doi: 10.1186/s13063-025-09075-3.
3. Ortiz-Morales G, Serrano-Robles JG, **Vera-Duarte GR**, Rodríguez-Loaiza JL, Navas A, Ramirez-Miranda A, Graue-Hernandez EO. **Lucia Keratoprosthesis in a Sclerocorneal Graft for Recurrent Graft Rejection Secondary to Herpetic Keratitis.** *Cornea.* 2025 Jan 9;44(5):659-661. doi: 10.1097/ICO.0000000000003796.
4. Quezada-Osoria ML, **Vera-Duarte GR**, Pedroza-Seres M. **Pseudomonas-induced scleritis mimicking autoimmune necrotizing scleritis. A case report.** *Arch Soc Esp Oftalmol (English Ed).* 2025;100(2):107-110. doi: 10.1016/j.oftale.2024.10.007.
5. Kahuam-López N, Serrano-Robles JG, **Vera-Duarte GR**, Bermeo-Escalona JR, Müller-Morales CA, Ramirez-Miranda A, Navas A, Graue-Hernandez EO. **Cultural adaptation and validation of the Ocular Surface Disease Index Questionnaire (OSDI) to the Mexican population.** *Arch Soc Esp Oftalmol (English Ed).* 2025;100(8):444-451. doi: 10.1016/j.oftale.2025.04.007.

2024

6. Haro-Morlett L, **Vera-Duarte GR**, Oliveros-Valdes F, Cortes-Moreno TN, Ramirez-Miranda A, Navas A, Graue-Hernandez EO. **Effects of the COVID-19 Pandemic on Microbial Keratitis: A 5-Year Comparative Study.** *Cornea.* 2024 Oct 4. doi: 10.1097/ICO.0000000000003720.
7. Ortiz-Morales G, **Vera-Duarte GR**, Jimenez-Collado D, Rivera JA, Rivera KA, Domene-Hickman JL, Müller-Morales CA, Navas A, Ramirez-Miranda A, Chodosh J, Graue-Hernandez EO. **Results of Lucia Keratoprosthesis Implantation in Severe Corneal Disease.** *Am J Ophthalmol.* 2024;268:388-394. doi: 10.1016/j.ajo.2024.08.035.
8. **Vera-Duarte GR**, Eskenazi-Betech R, Garcia-Padilla LA, Rodríguez-Reyes AA, Navas A, Graue-Hernandez EO, Ramirez-Miranda A. **Giant corneal keloid following Descemet stripping automated endothelial keratoplasty for the treatment of corneal decompensation secondary to trauma.** *BMC Ophthalmol.* 2024;24(1):404. doi: 10.1186/s12886-024-03667-4.
9. Velazquez DC, Ortiz-Morales G, **Vera-Duarte GR**, Navas A, Ramirez-Miranda A, Graue-Hernandez EO. **Mitomycin Intravascular Chemoembolization for Corneal Neovascularization.** *Cornea.* 2024 Aug 23. doi: 10.1097/ICO.0000000000003681.
10. Jimenez-Collado D, Velasco-Sepúlveda BH, Lee Á, **Vera-Duarte GR**, Graue-Hernandez EO, Navas A. **Corneal and Ocular Surface Contributions From Mexico: A Bibliometric Analysis From 1913 to 2022.** *Cureus.* 2024;16(8). doi: 10.7759/cureus.66965.
11. **Vera-Duarte GR**, Jimenez-Collado D, Kahuam-López N, Ramirez-Miranda A, Graue-Hernandez EO, Navas A, Rosenblatt MI. **Neurotrophic keratopathy: General features and new therapies.** *Surv Ophthalmol.* 2024;69(5):789-804. doi: 10.1016/j.survophthal.2024.04.004.
12. Núñez MX, Acosta-Ortega A, **Vera-Duarte GR**, Gómez-Duarte C. **The iLux® compared to the mechanical meibomian gland expression for the treatment of moderate and severe meibomian gland dysfunction.** *Int J Ophthalmol.* 2024;17(6):1042-1048. doi: 10.18240/ijo.2024.06.08.

2023

13. Kahuam-López N, **Vera-Duarte GR**, Pérez-Vázquez AK, Navas A, Ramirez-Miranda A, Graue-Hernandez EO. **Cogan syndrome: a case report and review of the literature.** *Digit J Ophthalmol.* 2023;29(3):88-93. doi: 10.5693/djo.02.2023.07.001.
14. Müller-Morales CA, **Vera-Duarte GR**, Oliva-Bienzobas V, Ramirez-Miranda A, Navas A, Graue-Hernandez EO. **Use of Amniotic Membrane Transplant and Deep Anterior Keratoplasty in a Patient with Bilateral Acanthamoeba Infectious Keratitis: A Case Report.** *Case Rep Ophthalmol.* 2023;14(1):568-575. doi: 10.1159/000533988.
15. Macriz-Romero N, **Vera-Duarte GR**, Guerrero-Becerril J, Chacón-Camacho OF, Astiazarán MC, Zenteno JC, Graue-Hernandez EO. **Ophthalmic findings in patients with autosomal recessive lamellar ichthyosis due to TGM1 mutations in an isolated population.** *Int Ophthalmol.* 2023;43(10):3659-3665. doi: 10.1007/s10792-023-02774-3.

16. Chacon-Camacho OF, Astiazarán MC, **Vera-Duarte G**, Gutiérrez-Múgica H, Macriz-Romero N, Graue-Hernandez EO, Zenteno JC. **High TGM1 Allelic Heterogeneity causing Lamellar ichthyosis in a small geographic area in South Mexico: Another Example of the "Réunion Paradox".**
Eur J Med Genet. 2023;66(10):104842. doi: 10.1016/j.ejmg.2023.104842.
17. **Vera-Duarte GR**, Guerrero-Becerril J, Müller-Morales CA, Ramirez-Miranda A, Navas A, Graue-Hernandez EO. **Delayed-onset pressure-induced interlamellar stromal keratitis (PISK) and interface epithelial ingrowth 10 years after laser-assisted in situ keratomileusis.**
Am J Ophthalmol Case Rep. 2023;32:101874. doi: 10.1016/j.ajoc.2023.101874.

EARLIER PUBLICATIONS

18. **Vera-Duarte GR** et al. **Correlación entre las estrategias SITA Estándar 24-2 y SITA Faster 24-2 para evaluar el daño campimétrico en pacientes con Glaucoma Primario de Ángulo Abierto.**
Medicina Clínica y Social. 2021. doi: 10.52379/mcs.v5i3.222. [Indexed]

PROFESSIONAL MEMBERSHIPS

- Sociedad Paraguaya de Oftalmología (SPO) — TraineeMember
- Consejo Argentino de Oftalmología (CAO) — Candidate Member
- Sociedad Paraguaya de Anestesiología
- Asociación Paraguaya para el Estudio y Tratamiento del Dolor (APETD) — CommitteeMember (IASP Chapter)
- Sociedad Paraguaya de Estudiantes de Medicina
- Sociedad Peruana de Oftalmología (SPO)
- **TFOS Ambassador**

SELECTED CONGRESS & CONTINUING EDUCATION ACTIVITY

Presentations & Courses — As Speaker/Presenter

- Best Interinstitutional Presentation. Sociedad Paraguaya de Oftalmología. Agosto 2019. (Award-winning)
- Día de la Investigación. Sociedad Paraguaya de Oftalmología. Noviembre 2019.
- Ateneos Interinstitucionales. Sociedad Paraguaya de Oftalmología. Julio 2019.

Selected Congresses & Courses — As Attendee (2020–2021)

- XXVI International Cornea and Refractive Surgery Course. October 2021.
- Pan-American Research Day (PARD 2021): Anterior & Posterior Segment. July 2021.
- Retina World Congress. Current & Future Treatment of Diabetic Retinopathy. July 2021.
- Crosslinking: Advances and Controversies (PanCornea). September 2021.
- VI Argentine-Paraguayan Ophthalmology Meeting. September 2021.
- International Course on External Diseases, Cornea & Refractive Surgery (INO). July 2021.
- Effective Strategies for Optimal Diagnosis and Treatment of Neurotrophic Keratitis. Johns Hopkins School of Medicine. June 2021.
- LASIS (Latin America and Spain Imaging Symposium): Retina; Anterior Segment & Glaucoma. June 2021.
- II International Symposium on Retina and Glaucoma. SPO. June 2021.
- International Ophthalmology Meeting. Oftalmol-Córdoba. October 2020.
- International Ocular Trauma Course. Academia Faco Caribe. September–December 2020.
- Basic Glaucoma Course (6 modules). June 2020.
- XXI Argentine Ophthalmology Congress. Córdoba. June 2019.