

CURRICULUM VITAE

ALEJANDRO ESPAILLAT, M. D.

Demographic Information:

Date of Birth: November 19, 1964

Place of Birth: Santo Domingo, Dominican Republic

Citizenship: US Citizen

Language Skills: Fluent in English and Spanish.

Office: ***Palm Beach Eye Center***

Main Office: 5057 S. Congress Avenue # 403, Lake Worth, FL 33461
Telephone: 561-433-5200
email: drespaillat@evnmiami.com

Education and Postdoctoral Training:

July 1998- June 1999 Harvard University School of Medicine. Joslin Diabetes Center/Beetham Eye Institute. Boston, Massachusetts. *Clinical Fellow, Diabetic Eye Disease and Medical Retina.*

July 1998- June 1999 Harvard University School of Medicine. Joslin Diabetes Center/Beetham Eye Institute. Boston, Massachusetts. *Research Fellow, Diabetic Eye Disease*

July 1995-June 1998 Brown University School of Medicine. Rhode Island Hospital. Providence, Rhode Island. *Resident, Ophthalmology*

July 1994-June 1995 Boston University School of Medicine. Carney Hospital. Boston, Massachusetts. *Clinical Fellow, Internal Medicine*

July 1993-June 1994 Boston University School of Medicine. Carney Hospital. Boston, Massachusetts. *Internship, Internal Medicine*

July 1991-June 1993 Harvard University School of Medicine. Massachusetts Eye & Ear Infirmary. Rhoads Molecular Biology Laboratory. Boston, Massachusetts *Research Fellow, Ophthalmic Molecular Immunology*

July 1990- June 1991 Harvard University School of Medicine. Massachusetts Eye & Ear Infirmary David G. Cogan Eye Pathology Laboratory. Boston, Massachusetts. *Research Assistant, Ocular Pathology*

- Sept 1986- June 1990 Technological Institute of Santo Domingo, Santo Domingo, Dominican Republic. *Medical Doctor*
- July 1981- Sept 1986 Nacional Pedro Henríquez Ureña University. Santo Domingo, Dominican Republic. *Pre-Medical Studies*
- Sept 1969- June 1981 Loyola School. Santo Domingo, Dominican Republic. *Elementary and High School*

Licensure and Certification:

- 2017 Absorbable PDO Threads for skin rejuvenation & repositioning; AIAM
- 2017 Diplomate, Aesthetic Medicine, American Academy Aesthetic Medicine AAAM
- 2017 OptiMedica Catalys Femtosecond Laser
- 2016 Certified, Aesthetic Medicine, American Acad. of Aesthetic Medicine AAAM
- 2016 Alcon LenSx Femtosecond Laser
- 2009 Alcon Allegretto WaveLight Excimer Laser
- 2009 Moria One Use-Plus SBK MK
- 2009 Candela GentleYAG Laser
- 2009 LOCS III Lens Opacity Classification System (Recertification # 1)
- 2009 LOCS III Lens Opacity Classification System
- 2007 Endoscopic Laser Cyclophotocoagulation (ECP)
- 2002 Botox certification by Allergan
- 2002 LaserSight LSX Excimer Laser System
- 2001 VISX Excimer Laser System (Myopia, Hyperopia and Astigmatism)
- 2001 Licensed, Florida Board of Registration of Medicine #ME 81887 (Active)
- 1998 The Commonwealth of Massachusetts. Controlled Substances
- 1998 Controlled Substance Registration Certificate, DEA
- 1998 Licensed, Massachusetts Board of Registration in Medicine #156691 (Inactive)
- 1993 Licensed, Dominican Republic Board of Education #1023 (49-F) (Active)
- 1993 Diplomat, Educational Commission for Foreign Medical Graduates
0-449-922-4 (valid indefinitely)

Current Private Practice Appointments:

Palm Beach Eye Center

Main Office: 5057 S. Congress Avenue # 403, Lake Worth, FL 33461
Telephone: 561-433-5200
email: drespaillat@evnmiami.com

Work Experience and Dates:

2018-Present *Palm Beach Eye Center.* Eye Physician & Surgeon. Palm Springs, FL

2017-2017 Eye Clinic & Laser Institute. Eye Physician & Surgeon. Merritt Island, FL
2016-2017 South Florida Eye Institute, Eye Physician & Surgeon, Tamarac, FL
2001-2016 Espaillat Vision Network, pllc. Eye Physician & Surgeon. Medical Director, Miami, FL

Academic & Hospital Appointments:

2018-present Medical Staff Associate. Visual Health Surgery Center
Palm Springs and Jupiter, Florida

2006- present *Medical Staff Associate.* Palm Spring Hospital
Miami, Florida

2011-2012 *Medical Staff Associate.* Kendall Regional Medical Center
Miami, Florida

2008-2012 *Medical Staff Associate.* Gables Surgical Center Miami, Florida

2003-2011 *Medical Staff Associate.* North Miami Beach Surgical Center
Miami Beach, Florida

2003-2014 *Medical Staff Associate.* University of Miami Hospital
Miami, Florida

2002-2007 *Voluntary Assistant Professor of Clinical Ophthalmology.*
University of Miami School of Medicine. Bascom Palmer Eye Institute

2001-2007 *Medical Staff Associate.* Laser Vision Center/Bascom Palmer Institute
Miami, Florida

1999-2001 *Associate Professor of Ophthalmology.* National Diabetes Institute (INDEN)
Santo Domingo, Dominican Republic.

1999-2001 *Attending Surgeon.* Instituto Espaillat Cabral.
Santo Domingo, Dominican Republic.

1998-1999 *Clinical Fellow.* Harvard University School of Medicine
Beetham Eye Institute/Joslin Diabetes Center

1997-1998 *Assistant Instructor in Surgery (Ophthalmology).* Brown University School of
Medicine

1995-1998 *Ophthalmology Resident.* Brown University School of Medicine. Rhode Island
Hospital

- 1993-1995 *Internal Medicine Resident.* Boston University School of Medicine. Carney Hospital
- 1991-1993 *Research Fellow.* Harvard University School of Medicine. Massachusetts Eye & Ear Infirmary

Awards:

- 2005 Physician's Recognition Award. Mayor City of Miami, Florida.
- 2001 LEO 2001 (Lifelong Education of Ophthalmology Credit Award) AAO
- 2001 Outstanding Teaching Award. National Diabetes Institute (INDEN). Dominican Republic
- 1999 American Diabetes Association's Research Grant Award
- 1998 Winner of the 1998 World Refractive Surgery Symposium Poster Competition. Orlando, FL
- 1998 Physician's Recognition Award. American Medical Association

Committee Assignments:

- 2006-2010 Continuing Medical Education / University of Miami Hospital
- 2006-2010 Surgical Review Committee / University of Miami Hospital
- 2006-2007 Operating Room Committee / University of Miami Hospital
- 2005-2008 Performance Improvement Council / Cedars Medical Center
- 2005-2008 Utilization Review / Cedars Medical Center
- 2004-2007 Lighthouse for the Blind, Chairperson, Programs & Services Committee
- 2001-2007 Lighthouse for the Blind (Programs & Services Committee)
- 1998-1999 Ophthalmology Fellowship Selection Committee, Joslin Diabetes Center, Beetham Eye Institute, Harvard Medical School
- 1996-1998 Rhode Island Department of Health (Diabetes HOY / Committee Member)
- 1995-1996 Ophthalmology Residency Selection Committee, Rhode Island Hospital, Brown University School of Medicine
- 1993-1994 Massachusetts Medical Society (Geriatric Medicine / Committee Member)

Board of Directors:

- 2002-2007 Miami Lighthouse for the Blind (Chairperson, Programs & Services Committee)

Professional Affiliations:

- 1992 Massachusetts Medical Society
- 1992/96-98 The Association for Research in Vision and Ophthalmology
- 1993 American Medical Association
- 1996-present American Academy of Ophthalmology
- 1992-2000 Pan-American Association of Ophthalmology
- 1997-present American Society of Cataract and Refractive Surgeons
- 1997-2013 International Society of Refractive Surgery

1998-2000 American Diabetes Association
1998-1999 Research to Prevent Blindness
1998-present Dominican Ophthalmological Society
1998-present Dominican Society of Cataract and Refractive Surgeons
1998-2001 The Commonwealth of Massachusetts Board of Medicine
1999-present Latin-American Society of Cornea, Cataract and Anterior Segment Surgeons
2001-present The Florida Board of Medicine
2002-2015 Miami Ophthalmological Society
2004-2013 American Academy of Ophthalmic Administrators
2004-2013 American Society of Ophthalmic Executives
2009-2013 American Society for Laser Medicine & Surgery
2016-present American Academy of Aesthetic Medicine
2018-present Palm Beach Association of Ophthalmology
2018-present International Aesthetic Academy

Medical/ Surgical Society Board Member:

1999-2001 Latin-American Society of Cornea, Cataract and Anterior Segment Surgeons
(ALACSA) Delegate for the Dominican Republic (1999-2001)

Editorial Boards/ Member:

2005-present Diabetic Microvascular Complications Today (Advisory Board)

Journal Manuscript Reviews:

2004-present Archivos de la Sociedad Española de Oftalmología
2000-present Survey of Ophthalmology
1999-present Journal of the American Society of Cataract and Refractive Surgery (ASCRS)
1999-present American Journal of Ophthalmology (AJO)
1999-present Archives of Ophthalmology

Book Reviews:

1999-present SLACK Incorporated

Consultant:

2005-2010 Alcon® Advisory Board.
2005-2010 Allergan® Glaucoma Advisory Board.
2005-2010 Eli Lilly® US Diabetes Care Ophthalmology Advisory Board.
2007-2010 Ista Pharmaceuticals
2007-2010 Biosyntrx®
2008-2010 Endo Optiks®
2008-2010 Optos®
2010-2011 Abbott Medical Optics

2010-2011 Healthsun/Wellmax Medical Centers
2011-2013 Interamerican Medical Centers
2014-2015 Continucare Humana Medical Centers

Report of Research

Major Research Interests:

1. Phacoemulsification Cataract Surgery and Progression of Diabetic Retinopathy
2. Techniques and Development of New Surgical Instrumentation for Cataract Surgery
3. Aesthetic Medicine

Narrative Description:

Clinical Research is directed at understanding the basic molecular biological mechanisms underlying retinal vascular disease with special emphasis on the activity of growth factors in diabetic retinopathy following anterior segment surgery, particularly cataract surgery. Ongoing studies include investigations into the role of vascular endothelial growth factors (VEGF) and phacoemulsification cataract extraction on the progression of posterior capsule opacification, macular edema, and diabetic retinopathy. Surgical research is directed to the design and development of new surgical techniques and devices for the correction of cataracts and refractive errors, as well as minimally invasive procedures in Aesthetic Medicine at a Comprehensive Ophthalmology practice.

Research Funding Information:

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|-----------|---|------------------------|
| 1999-2001 | American Diabetes Association Cataracts, VEGF and of Diabetic Retinopathy | Principal Investigator |
| 1996-1998 | US Food and Drug Administration Collagen Implants and Astigmatism Correction | Co-Investigator |

Research Collaborations:

2009

- A Phase IIa Multicenter, Randomized, Double-Blind, Placebo-Controlled Clinical Trial of XXXX in Patients with Type 2 Diabetes Mellitus with Inadequate Glycemic Control on Insulin
- A Phase IIA, Multicenter, Double-Blind, Placebo-Controlled Clinical Trial to Study the Efficacy and Safety of XXXX in Patients with Type 2 Diabetes Mellitus with Inadequate Glycemic Control

2008

- Dose-Ranging Study of the Efficacy and Safety of Oglemilast in Patients with Chronic Obstructive Pulmonary Disease

2006

- Dose Escalation Study to Assess the Safety and Effect on Ventricular Rate of Multiple Oral Doses of XXX in Adult Subjects with Atrial Fibrillation

Surgical Instruments Designed:

Espaillat-Deblasio Nucleus Rotator: A surgical device used to rotate the nucleus during phacoemulsification. (On the market / ASICO catalogue # AE2499)

Teaching Roles:

- 2002-2007 *Voluntary Assistant Professor of Clinical Ophthalmology.*
University of Miami School of Medicine. Bascom Palmer Eye Institute
- 1999-2001 *Associate Professor of Ophthalmology.* National Diabetes Institute (INDEN)
Santo Domingo, Dominican Republic.
- 1998-1999 *Clinical Fellow.* Assistant Instructor in Surgery (Ophthalmology)
Harvard University School of Medicine, Massachusetts
- 1997-1998 *Chief Resident.* Assistant Instructor in Surgery (Ophthalmology)
Brown University School of Medicine, Rhode Island
- 1995-1998 *Ophthalmology Instructor for Medical Students*
Medicine Clerkship, Rhode Island Hospital, Rhode Island
- 1995-1998 *Ophthalmology Instructor for Medical Students*
Surgery Clerkship, Rhode Island Hospital, Rhode Island
- 1995-1998 *Ophthalmology Instructor for Internal Medicine Residents*
Ophthalmology Clerkship, Rhode Island Hospital, Rhode Island
- 1995-1998 *Ophthalmology Instructor for Emergency Medicine Residents*
Ophthalmology Clerkship, Rhode Island Hospital, Rhode Island
- 1994-1995 *Internal Medicine Instructor for Medical Students*
Medicine Clerkship, Carney Hospital, Massachusetts

Invited Presentations:

- 2018 Aesthetic Medicine Level I Certification Course. American Academy of Aesthetic Medicine. Miami, Florida.
- 2018 Chemical Peelings: Step by Step Procedure. American Academy of Aesthetic Medicine Certification Course Level I. Miami, Florida
- 2018 Management of Complications from Chemical Peelings. American Academy of Aesthetic Medicine Certification Course Level I. Miami, Florida
- 2018 Chemical Peelings. American Academy of Aesthetic Medicine Certification Course Level I. Miami, Florida
- 2018. Skin Conditioning and Skin Classification. American Academy of Aesthetic Medicine Certification Course Level I. Miami, Florida
- 2018. Conducting an Aesthetic Medicine Patient Consultation. American Academy of Aesthetic Medicine Certification Course Level I. Miami, Florida
- 2018. Introduction to the world of Aesthetic Medicine. American Academy of Aesthetic Medicine Certification Course Level I. Miami, Florida
- 2017. Current Perspectives on Health Care Access and Delivery in Brevard County & Beyond (Member Panel). League of Women Voters of the Space Coast. Melbourne, Florida.
- 2017. Eye Trauma and Emergencies. Emergency Medicine Department, Wuesthoff Hospital, Melbourne, Florida.
- 2017. The Aging Eye. Rockledge Rotary Club. Rockledge, Brevard County, Florida.
- 2017. The Aging Eye. Discovery Village Assisted Living. Melbourne, Florida.
- 2017. The Aging Eye. Buena Vida Estates. Melbourne, Florida.
- 2017. The Aging Eye. Brevard Association of Human Services. Melbourne, Florida.
- 2017. The Aging Eye. Viera Minor Senior Center. Viera, Brevard County, Florida
- 2017. Bladeless Laser Cataract Surgery. Cocoa Beach Rotary Club. Cocoa Beach, Brevard County, Florida
- 2017. Eye Trauma and Emergencies. Emergency Medicine Department, Wuesthoff Hospital, Rockledge, Brevard County, Florida.

- 2010. Senior instructor (course). The Management of Cataracts in Eyes with Diabetic Retinopathy. ASCRS 2010 Annual Meeting. Boston, Massachusetts.
- 2009. Diabetic Eye Disease. University of Miami Miller School of Medicine & XX International Cuban-American Medical Association Congress. Miami Beach, Florida.
- 2008. Endocyclic Photocoagulation. III Annual Meeting of the Spanish Glaucoma Society. Zaragoza, Spain.
- 2007. Management of Intraocular Lens Complications. XXIX Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2007. Complications during Phacoemulsification. XXIX Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2007. The Aging Eye. Florida Assisted Living Association. Ft. Lauderdale, Florida.
- 2007. The Aging Eye. Florida Assisted Living Association. Boca Raton, Florida.
- 2007. Advanced Cataract Surgery and the use of Multifocal Artificial Intraocular Lenses. Kendall Regional Hospital, Miami, Florida.
- 2006. Complications during Phacoemulsification. XXVIII Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2006. Diabetic Retinopathy. Eli Lilly Endocrine Advisory Board. Miami, Florida.
- 2005. Geriatric Eye Diseases for the Primary Care Physician. Miami, Florida.
- 2004. Management of the Defective Posterior Capsule. XXVI Interamerican Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2004. Management of Presbyopia. XXVI Interamerican Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2004. What's New in Phacoemulsification. XXVI Interamerican Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2004. What's New in Phacoemulsification. 10th International Ophthalmology Course. Santiago, Dominican Republic.
- 2004. Management of Complications During Phacoemulsification. 10th International Ophthalmology Course. Santiago, Dominican Republic.
- 2004. Management of Intraocular Lens Complications. 10th International Ophthalmology Course. Santiago, Dominican Republic.

- 2004. Management of Presbyopia. 10th International Ophthalmology Course. Santiago, Dominican Republic.
- 2004. Management of Traumatic Cataracts. 10th International Ophthalmology Course. Santiago, Dominican Republic.
- 2004. Management of the Defective Posterior Capsule. 10th International Ophthalmology Course. Santiago, Dominican Republic.
- 2004. New Intraocular Devices for Cataract Surgery. 10th International Ophthalmology Course. Santiago, Dominican Republic.
- 2004. Geriatric Eye Diseases for the Primary Care Physician. Miami, Florida.
- 2003. Video Presentation “Complications During Phacoemulsification”. XXV Interamerican Course of Clinical Ophthalmology sponsored by the Bascom Palmer Eye Institute. Miami, Florida.
- 2003. The Aging Eye in South Florida. Annual Board Retreat of the Miami Lighthouse for the Blind. Key Biscayne, Florida.
- 2003. Clinical Treatment of Diabetic Macular Edema. XXXVI Annual Meeting of the Dominican Ophthalmology Society. Bayahibe, Dominican Republic
- 2002. Senior instructor (course). The Management of Cataracts in Eyes with Diabetic Retinopathy. ASCRS 2002 Annual Meeting. Philadelphia, Pennsylvania.
- 2002. New techniques in Phacoemulsification. Cornea, Refractive, Phaco 2002. Santo Domingo, Dominican Republic.
- 2002. New IOL Designs for cataract surgery. Cornea, Refractive, Phaco 2002. Santo Domingo, Dominican Republic.
- 2002. Cataract Surgery in the Diabetic Patient. Cornea, Refractive, Phaco 2002. Santo Domingo, Dominican Republic.
- 2002. Correct IOL Calculation after Refractive Surgery. Cornea, Refractive, Phaco 2002. Santo Domingo, Dominican Republic.
- 2001. Senior instructor (course). The Management of Cataracts in Eyes with Diabetic Retinopathy. ASCRS 2001 Annual Meeting. San Diego, California.
- 2000. Senior instructor (course). The Management of Cataracts in Eyes with Diabetic Retinopathy. ASCRS 2000 Annual Meeting. Boston, Massachusetts.

- 2000. Producer (Film Theater). Espaillat Deblasio Nucleus Rotator: A new device for phacoemulsification cataract surgery. ASCRS 2000 Annual Meeting. Boston, Massachusetts.
- 2000. Cataract surgery in the patient with uveitis. Cornea, Refractive, Phaco 2000. Santo Domingo, Dominican Republic.
- 2000. Espaillat-DeBlasio Nucleus Rotator. A new surgical device for phacoemulsification. Cornea, Refractive, Phaco 2000. Santo Domingo, Dominican Republic.
- 1999. Progression of diabetic retinopathy after phacoemulsification cataract extraction and intraocular lens implantation. Annual Meeting of The Puerto Rico Academy of Ophthalmology and The Puerto Rico Ophthalmological Society. Rio Grande, Puerto Rico.
- 1999. Current classification of Diabetic Retinopathy. Annual Meeting of the National Diabetes Institute (INDEN). Santo Domingo, Dominican Republic.
- 1999. Senior instructor (course). Management of diabetic retinopathy for the comprehensive ophthalmologist. 1999 Joint Meeting of the 103rd Annual Meeting of the American Academy of Ophthalmology and the XXII Congress of the Pan-American Association of Ophthalmology. Orlando, Florida.
- 1999. Instructor (course). Phacoemulsification: difficult cases and complications. 1999 Joint Meeting of the 103rd Annual Meeting of the American Academy of Ophthalmology and the XXII Congress of the Pan-American Association of Ophthalmology. Orlando, Florida.
- 1999. Senior instructor (course). Making the transition to phacoemulsification. Alcon Dominican Republic. Santo Domingo, Dominican Republic.
- 1999. Role of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. World Refractive Surgery Symposium (ISRS). Miami, Florida
- 1999. Progression of diabetic retinopathy after phacoemulsification cataract extraction and intraocular lens implantation. Annual meeting of the Dominican Association of Ophthalmology. Puerto Plata, Dominican Republic.
- 1999. Guidelines in selecting cases for publication. New England Ophthalmic Photographers Society Mid-Year Meeting. Massachusetts Eye and Ear Infirmary. Boston, Massachusetts.
- 1999. Progression of diabetic retinopathy after phacoemulsification cataract extraction and intraocular lens implantation. ARVO'98 Annual Meeting. Fort Lauderdale, Florida (Poster)

- 1999. Case presentation. Longwood Medical Area Ophthalmology Lecture. Brigham & Women's Hospital. Boston, Massachusetts
- 1999. Diabetic retinopathy. Hispanic Clinic. Brigham & Women's Hospital. Boston, Massachusetts.
- 1999. (Course Faculty). The Management of Cataracts in Eyes with Diabetic Retinopathy. ASCRS'99 Annual Meeting. Seattle, Washington.
- 1999. Progression of diabetic retinopathy after phacoemulsification cataract extraction and intraocular lens implantation. ASCRS'99 Annual Meeting. Seattle, Washington.
- 1999. Cataract surgery in patients with diabetes. Longwood Medical Area Ophthalmology Lecture. Brigham & Women's Hospital. Boston, Massachusetts
- 1998. Leber's idiopathic stellate neuroretinitis. Case presentation. Longwood Medical Area Ophthalmology Lecture. Brigham & Women's Hospital. Boston, Massachusetts
- 1998. Diabetic retinopathy. Hispanic Clinic. Brigham & Women's Hospital. Boston, Massachusetts
- 1998. Review of vitreous hemorrhage. Longwood Medical Area Ophthalmology Lecture. Brigham & Women's Hospital. Boston, Massachusetts
- 1998. Phakic intraocular lens for hyperopia. 671st meeting of The New England Ophthalmological Society on Refractive Surgery and Risk Management. Boston, Massachusetts
- 1998. Parafoveal telangiectasis. Longwood Medical Area Ophthalmology Lecture. Brigham & Women's Hospital. Boston, Massachusetts
- 1998. New techniques in phacoemulsification. IV International Symposium of Phacoemulsification. Santiago, Dominican Republic.
- 1998. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. World Refractive Surgery Symposium (ISRS). Orlando, Florida
- 1998. Cataract surgery in the uveitis patient. Annual meeting of the Dominican Association of Ophthalmology. Bávaro, Dominican Republic.
- 1998. New techniques in phacoemulsification. Annual meeting of the Dominican Association of Ophthalmology. Bávaro, Dominican Republic.
- 1998. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. Annual Research presentation. Rhode Island Hospital. Providence, Rhode Island.

- 1998. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. ARVO'98 Annual Meeting. Fort Lauderdale, Florida (Poster)
- 1998. Espaillat pupil dilator: A new surgical device for cataract surgery in a small pupil. ASCRS'98 Annual Meeting. San Diego, California (Poster)
- 1997. Circumscribed choroidal hemangiomas. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
- 1997. Diabetic retinopathy. George Auditorium. Rhode Island Hospital. Providence, Rhode Island
- 1997. Ocular manifestations of systemic disease. Internal Medicine Dept. Miriam Hospital. Providence, Rhode Island
- 1997. Behçet's disease. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
- 1997. Ocular manifestations of systemic disease. Internal Medicine Department. Rhode Island Hospital. Providence, Rhode Island
- 1997. Bull's eye maculopathy. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
- 1997. Eye trauma and emergencies. Emergency Department. Rhode Island Hospital. Providence, Rhode Island
- 1997. Ocular trauma. Surgery Department. Rhode Island Hospital. Providence, Rhode Island
- 1997. Lightning induced ocular trauma. XXI Pan-American Congress of Ophthalmology. Cancun, Mexico
- 1997. Curiosities in clinical ophthalmology. Alcon Dominican Republic. Santo Domingo, Dominican Republic
- 1996. Angioid streaks. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
- 1996. Diabetes retinopathy. Westminster Senior Center. Providence, Rhode Island
- 1996. Idiopathic intracranial hypertension. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
- 1996. Diabetes retinopathy. Rhode Island Department of Health. Hasbro Children's Hospital. Providence, Rhode Island
- 1996. Orbital varix. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
- 1996. Parafoveal telangiectasis. Rhode Island Hospital Grand Rounds. Providence, Rhode Island

1995. Leber's idiopathic stellate neuroretinitis. Rhode Island Hospital Grand Rounds. Providence, Rhode Island
1995. Ophthalmology and systemic diseases. Carney Hospital. Boston, Massachusetts
1993. Fibronectin V/IIICS region. Massachusetts Eye & Ear Infirmary. Boston, Massachusetts
1993. Analysis of the EIII-B region of fibronectin by PCR. ARVO'93. Sarasota, Florida (Poster)
1992. Alternative spliced forms of the V region of fibronectin. ARVO'92. Sarasota, Florida (Poster)
1991. Inflammation and wound healing. Massachusetts Eye & Ear Infirmary. Boston, Massachusetts

Clinical Activities:

Clinical Practice:

The major clinical practice focus on Comprehensive Ophthalmology, with special emphasis on anterior segment surgery, and the medical treatment of diabetic retinopathy, including lasers.

Time Commitments:

Clinical: 90%
Research: 5%
Teaching: 5% plus ongoing teaching during clinical and research time

BIBLIOGRAPHY

PUBLICATIONS: Books.

1. **Espailat A.** Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8).
1. Pineda R, **Espailat A**, Perez VL, Rowe S. The Complicated Cataract: The Massachusetts Eye and Ear Infirmary Phacoemulsification Practice Handbook. Thorofare, NJ: SLACK Incorporated; 2001.

PUBLICATIONS: Book Chapters.

1. Valenzuela, E, **Espailat A.** Chapter I "Diabetes Mellitus: Diagnosis, Current, and Future Therapies. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8)

2. Rowe, S, **Espailat A.** Chapter 2 “Pathogenesis and Epidemiology of Diabetic Eye Disease”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
3. Pineda, R, **Espailat A.** Chapter III “Corneal Abnormalities and Diabetes”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
4. Sha, S, **Espailat A.** Chapter IV “Lens Abnormalities and Diabetes”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
5. Camejo, L, **Espailat, A.** Chapter V “Intraocular Pressure Abnormalities and Diabetes. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
6. To, K, **Espailat, A.** Chapter VI “Optic Nerve Abnormalities and Diabetes”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
7. Paranjpe, R **Espailat, A.** Chapter VII “Cranial Nerve Abnormalities and Diabetes”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
8. **Espailat, A.** Chapter VIII ”Macular Abnormalities and Diabetes”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
9. Montezuma, S, **Espailat, A.** Chapter XI ”Retinal Abnormalities and Diabetes”. Diabetic Eye Disease: A Comprehensive Review. Thorofare, NJ: SLACK Incorporated; 2012 (ISBN:978-1-61711-010-8
10. Lu LW, **Espailat A,** Arenas AC. Chapter 18 “Incision”. Phacoemulsification, Third Edition. Thorofare, NJ: SLACK Incorporated; 2004

PUBLICATIONS: Original Reports.

1. **Espailat A**, Lee SL, Correa V, Foster CS, Vitale AT, DiMeo S, Colvin RB. Expression of fibronectin isoforms in a rat cornea after an epithelial-scrape wound. *Curr. Eye Res.* 13: 325-330, 1994.
2. **Espailat A**, To K. Optic nerve avulsion. *Arch Ophthalmol.* 1998;116:540-541
3. **Espailat A**, Enzer Y, Lipsky S. Intraorbital metallic foreign body. *Arch Ophthalmol.* 1998; 116:824-825.
4. **Espailat A**, Janigian R, To K. Cataracts, bilateral macular holes, and rhegmatogenous retinal detachment induced by lightning. *Am J Ophthalmol.* 1999; 127:216-217.
5. **Espailat A**, Cortez S. Fibrous dysplasia of the orbit. *BioMedicina.* 1999; 2(1):48.
6. **Espailat A**, Aiello LP, Arrigg P et al. Canthaxanthin retinopathy. *Arch Ophthalmol.* 1999; 117:412-413.
7. **Espailat A**, Aiello LP, Calderon RM et al. Preservation of vision through Weiss' Ring following dense posterior hyaloid hemorrhage. *Am J Ophthalmol.* 1999; 128:376-378.
8. **Espailat A**, To K, Perlman E. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. *J Cataract Refract Surg.* 1999; 25: 1336-1340.
9. **Espailat A**, Aiello LP, Shah S et al. Progression of diabetic retinopathy after phacoemulsification cataract surgery. (Manuscript in preparation)

PUBLICATIONS: Reviews and Educationally Relevant articles.

- Espailat A**, To K. Star-shaped maculopathy seen: What is your diagnosis? Case Study. *Ophthalmology Times.* 22 (21): 52, 1997.
- Espailat A**. Maximize Outcomes, Minimize Risks during Cataract Surgery. *Diabetic Microvascular Complications Today.* 2 (2): 35-36. 2005

PUBLICATIONS: Abstracts.

- 1. Espailat A**, Foster CS, Colvin RB, Liu J, Lee SL. Alternative spliced forms of the V region of fibronectin are demonstrated by polymerase chain reaction (PCR) analysis of corneal tissue from a rat epithelial scrape-wound model. *Invest Ophthalmol Vis Sci.* 33 (suppl): 888, 1992.
- 2. Espailat A**, Lee SL, Foster CS, Colvin RB. Analysis of the EIII-B region of fibronectin by polymerase chain reaction of rat corneal tissue. *Invest Ophthalmol Vis Sci.* 34 (suppl): 1319, 1993.
- 3. Espailat A**, Foster CS, Lee SJ, Colvin RB. Growth factors and cytokine expression are demonstrated by polymerase chain reaction analysis of corneal tissue from a rat epithelial scrape wound model *J. Cell. Biochem.* 17E (suppl): R203, 1993.
- 4. Pedroza-Seres M**, Vitale AT, **Espailat A**, Lee SL, Foster CS. Distribution and expression of collagen types I and III in normal rat cornea and in wounded rat corneal epithelium: Analysis by polymerase chain reaction. *Invest Ophthalmol Vis Sci.* 34 (suppl): 1318, 1993.
- 5. Ayliffe W**, Espailat A, Foster CS, Lee SL. Polymerase chain reaction analysis of the TNF(gene expression in rat corneal wound healing. *Invest Ophthalmol Vis Sci.* 34 (suppl): 1376, 1993.
- 6. Espailat A**, Janigian R, Smith C, Ducharme J. Ocular trauma induced by lightning. *Invest Ophthalmol Vis Sci.* 38 (suppl): S175, 1997.
- 7. Espailat A**, To K, Perlman E. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. *Invest Ophthalmol Vis Sci.* 39 (suppl): S347, 1998.
- 8. Espailat A**, Aiello LP, Shah ST et al. Progression of diabetic retinopathy after phacoemulsification cataract extraction and intraocular lens implantation. *Invest Ophthalmol Vis Sci.* 40 (suppl): S1656, 1999.
- 9. Pokras F**, **Espailat A**, Aiello LP. Correlation of VEGF in the urine, plasma and vitreous with activity of diabetic retinopathy. *Invest Ophthalmol Vis Sci.* 40 (suppl): S4186, 1999.
- 10. Espailat A**, Aiello LP, Shah ST et al. Progression of diabetic retinopathy after phacoemulsification cataract extraction and intraocular lens implantation. Symposium on Cataract, IOL and Refractive Surgery. (suppl): April 1999.

PUBLICATIONS: Non-print Materials:

Online Courses.

1. **Espaillat A.** The Human Orbit: UdeMy; 2016.
<https://www.udemy.com/ophthalmology-the-human-orbit/learn/>

CD ROM Contributor.

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