

JUAN M. ROMERO, M.D.
Vitreo-Retinal Specialist
Long Island & Queens Vitreo-Retinal Consultants
Assistant Professor, New York Eye & Ear Infirmary

Updated 6/1/07

MEDICAL EDUCATION

01/89 – 12/94 **Pontificia Universidad Javeriana,**
Facultad de Medicina
Cr. 7 #40 –62, Hosp. San Ignacio, 8 piso
Bogotá, Colombia
Degree: Doctor of Medicine and Surgery, 1/20/95

POST-GRADUATE TRAINING

01/95 – 01/96 **Physician on Social Service,**
Department of Community Ocular Health,
Fundación Oftalmológica de Santander
Autop. a Floridablanca, Urbanización El Bosque
Bucaramanga, Colombia

02/96 – 08/96 **Observer in Ophthalmology,**
Saint Luke Eye Institute,
5311 W 9th Street
Amarillo, Texas 79106

09/96 – 06/98 **Research Fellow in Retinal Imaging,**
The New York Eye & Ear Infirmary,
310 E 14th Street
New York City, New York 10003

06/98 – 06/99 **Transitional Intern,**
Hospital of Saint Raphael,
1450 Chapel Street
New Haven, Connecticut 06511

07/99 – 06/02 **Ophthalmology Resident,**
The New York Eye & Ear Infirmary,
310 E 14th Street
New York City, New York 10003

07/02 – 07/04 **Vitreo-Retinal Fellow,**
Wayne State University / Kresge Eye Institute
4717 Saint Antoine
Detroit, Michigan 48201

PRACTICE

07/04 – 05/07 Solo Vitreo-Retina Practice / Consultant

06/07 – Today Long Island & Queens Vitreo-Retinal Consultants

AWARDS

- ARVO/NIH Travel Fellowship Grant, 1998
- The Louis J. Girard Research Award, June 20, 2002
- The Paul Kayser International Scholar, Pan-American Ophthalmological Foundation, 2003

EXAMINATIONS AND BOARD CERTIFICATION

Diplomate of the American Board of Ophthalmology, May, 2004

Written exam, April 2003 (score 714 – 99 percentile)

Oral exam, May 16 2004

PROFESSIONAL MEMBERSHIPS

- American Academy of Ophthalmology
- American Society of Retina Specialists
- Pan-American Association of Ophthalmology
- New York State Ophthalmological Society
- Long Island Ophthalmological Society
- Ophthalmic Laser Surgical Society
- Spanish American Medical Dental Society of New York

PEER REVIEWED PUBLICATIONS

1. Finger PT, *Romero JM*, Rosen RB, Iezzi R, Emery R, Berson A. Three-dimensional ultrasonography of choroidal melanoma: localization of radioactive eye plaques. *Arch Ophthalmol* 1998 March;116:305-312
2. *Romero JM*, Finger PT, Iezzi R, Rosen RB, Cocker RS. Three-dimensional ultrasonography of choroidal melanoma: extrascleral extension. *Am J Ophthalmol* 1998;126:842-844
3. Finger PT, Iezzi R, *Romero JM*, Rosen RB, Szechter A, Hegde H. Plaque-mounted diode-light transillumination around intraocular tumors. *Arch Ophthalmol* 1999;117:179-183
4. *Romero JM*, Finger PT, Rosen RB, Iezzi R. Three-dimensional ultrasound for the measurement of choroidal melanomas. *Arch Ophthalmol* 2001;119:1275-82.
5. *Romero JM*, Biser SA, Perry HD, Levinson DH, Doshi SJ, Terraciano A, *Donnenfeld ED*. Conservative treatment of meibomian gland dysfunction. *Eye Contact Lens*. 2004;30:14-9.
6. *Romero JM*, Gentile R, Rosenthal JL, McCormick SA. A Taut Internal Limiting Membrane Causing Persistent Diffuse Diabetic Macular Edema following vitrectomy. *Retina* (in preparation)

7. *Romero JM*, Elliott D, McDermott M, Abrams GW. Herpes Simplex Virus Keratitis after Vitreo-Retinal Surgical Procedures (presented at the ASRS Meeting, New York, August 2003) (in preparation)

NON-PEER REVIEWED PUBLICATIONS

1. *Romero JM*. Program of nutritional blindness prevention in Santander, Colombia. *Sight and Life Newsletter* (Basel, Switzerland) 1995;(4):5-7
2. *Romero JM*. Los Ojos y el Cerebro de Juanito. Educational tale for the prevention of amblyopia. Department of Preventive Medicine, Fundación Oftalmologica de Santander. Bucaramanga, Colombia.

CHAPTERS

1. Rosen RB, Iezzi R, *Romero JM*, Finger PT. Clinical cases in the textbook, and Chapter IX on topography mapping: Shamma HJ, Dunne S, Fisher YL. Three-dimensional ultrasound tomography of the eye. Nova Coast Publishing, Eden Mills, Ontario, Canada 1998.

ABSTRACTS

- Three-dimensional ultrasonography of radioactive plaques in the treatment of choroidal melanomas. ARVO 1997.
- Biometric analysis of extraocular muscles utilizing three-dimensional ultrasonography. ARVO 1997.
- Assessment of intraocular tumors with three-dimensional ultrasonography. ARVO 1997.
- Localization and characterization of intraocular foreign bodies with three-dimensional ultrasound. ARVO 1997.
- Assessment of vitreo-retinal traction detachments with three-dimensional ultrasound. ARVO 1997.
- Measurement of subretinal fluid volume in serous retinal detachments with three-dimensional ultrasound. ARVO 1997.
- Quantitative topography of retinal lesions using three-dimensional b-scan ultrasound. AAO 1997.
- Plaque-mounted diode lights for transillumination around intraocular tumors. ARVO 1998.
- Interactive intensity thresholding and color assignment of ocular b-scan ultrasound. ARVO 1998.
- Quantitative mapping of retinal topography using three-dimensional b-scan ultrasonography. ARVO 1998.
- Retinal thickness mapping using optical coherence tomography. ARVO 1998.
- Automated tissue-plane outlining of 3-dimensional b-scan ultrasound images. ARVO 1999.
- Conservative treatment of meibomian gland dysfunction. ARVO 2001.

- Quantitative topographic mapping of choroidal melanoma: regression after ophthalmic plaque radiation. ARVO 2001.
- Herpes Simplex Virus Keratitis after Vitreo-Retinal Surgical Procedures. ASRS 2003.
- Can Foveolar Choroidal Blood Flow in Central Retinal Vein Occlusions Predict Visual Recovery? ARVO 2005.
- Predicting Visual Recovery in Central Retinal Vein Occlusions? ASRS 2005.
- Avastin in Myopia. ARVO 2006.
- Avastin in proliferative neovascular traction. ARVO 2006.
- Resultados visuales, angiográficos y de tomografía óptica de coherencia después del uso intravítreo de bevacizumab en patologías vasculares retinianas. Simposio Panamericano de Retina y Vitreo, Cartagena, Colombia, May 2006.

LECTURES

- Three-dimensional ultrasound of radioactive plaques in the treatment of choroidal melanomas. ARVO 1997
- Three-dimensional ultrasonography of choroidal melanoma: extrascleral extension. The Seventeenth Biennial Congress of the International Society for Ophthalmic Ultrasound. SIDUO XVII. Los Angeles, California, 1998
- Three-dimensional ultrasound for the measurement of choroidal melanomas. The Seventeenth Biennial Congress of the International Society for Ophthalmic Ultrasound. SIDUO XVII. Los Angeles, California, 1998
- A case hyperviscosity retinopathy secondary to Waldenstrom macroglobulinemia. The New York Retinal Study Club, 2001
- Internal Limiting Membrane Peeling for persistent diffuse diabetic macular edema. Resident's Night, Section of Ophthalmology, The New York Academy of Medicine, June 17, 2002
- Current approaches to persistent diffuse diabetic macular edema. UC Davis Ophthalmology, Sacramento, CA, February 2003
- Peripheral Retinal Pathology. New Jersey Society of Optometric Physicians. September 22, 2004
- Pars plana vitrectomy for diffuse diabetic macular edema. Retinal vascular Diseases, City-wide grand rounds, Manhattan Ear, Nose & Throat Hospital, November 3rd, 2004
- Current Trends in the Treatment of Diabetic Retinopathy. Hudson County Society of Optometric Physicians. December 14, 2004
- Basics in retina imaging: fundus photography, fluorescein angiography, and ICG angiography. New Jersey Society of Optometric Physicians. September 21, 2005
- Vitrectomia 25-Gauge: El "Faco" del Cirujano de Retina? (25-gauge vitrectomy: the "phaco" of the retina surgeon?) Instituto Barraquer de Colombia, Bogotá. June 24, 2005
- Current Trends in Diabetic Retinopathy. XXX Inter-American Medical Dental Congress. New York University and the Spanish American Medical Dental Society of New York. New York, October 28, 2006

ON-GOING CLINICAL STUDIES

Original studies:

- Internal Limiting Membrane Peeling for Diffuse Diabetic Macular Edema (prospective pilot study). NY Eye & Ear Infirmary.
- Intravitreal 5-fluorouracil and low molecular weight heparin to prevent re proliferation after vitrectomy (prospective randomized double-masked pilot study). Kresge Eye Institute.
- Avastin for ARMD, myopic degeneration, diffuse macular edema (diabetic and venous occlusive), and proliferative retinopathies (case series). New York Eye & Ear Infirmary, and Fundación Oftalmológica de Santander (Colombia).

Sub-investigator in multicenter trials:

- Standard Care vs. Corticosteroid for Retinal Vein Occlusion (SCORE.)
- Triamcinolone Acetonide vs Laser Photocoagulation for Diabetic Macular Edema. Diabetic Retinopathy Clinical Research Network (DRCRnet.)
- Safety Assesment of Intravitreal Lucentis for AMD (SAILOR.) Genentech.
- Posurdex (Dexamethasone PS DDS Applicator System) in the Treatment of Diabetic Macular Edema. Allergan.
- AREDS 2. NEI – NIH.
- Natural History Study of Macular Telangiectasia – MACTEL Project.