

**ALEJANDRO J. HIDALGO RIOS, MD, DABR**  
**DIAGNOSTIC & INTERVENTIONAL RADIOLOGY**  
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**EDUCATION**

**University of Pennsylvania, Philadelphia, PA**  
Interventional Radiology Fellowship, June 2009

**University of Puerto Rico School of Medicine, San Juan, PR**  
Diagnostic Radiology Residency, June 2008

**Hospital Municipal San Juan, San Juan, PR**  
Transitional Internship Residency, June 2004

**University of Puerto Rico School of Medicine, San Juan, PR**  
Doctor in Medicine, *Magna Cum Laude* May 2003

**Georgetown University, College of Arts & Sciences, Washington, DC**  
Bachelor of Arts, *Cum Laude* May 1999  
Major: Psychology with Pre-Medical Curriculum

**Universidad Autónoma de Madrid, Spain, Full Academic Exchange**  
September 1997- June 1998

**EXPERIENCE**

**VENAS**  
*Partner*

**San Juan, PR**  
August 2017 - Present

- Currently performing venous procedures in Outpatient office setting including sclerotherapy, endovenous laser ablations and microphlebectomies for treatment of chronic venous insufficiency of the lower extremities
- Developing skills with additional procedures including mechanochemical endovenous and RFA ablations as well as cyanoacrylate glue occlusions as options to EVLT

**VIR Associates, PSC**  
*Partner*

**San Juan, PR**  
August 2009 - Present

- Currently performing the entire gamut of interventional radiology in a combined private and academic practice at ASEM Puerto Rico Medical Center, Cardiovascular Center of Puerto Rico, Hospital Auxilio Mutuo and Doctors Center Hospitals
- Contributing to the development of a combined multidisciplinary hepatobiliary tumor conference/clinic at Hospital Auxilio Mutuo
- Consulting services in Diagnostic Radiology to large corporate DR groups across PR such as DJM Medical Imaging, PSC

**Department of Radiology, University of Puerto Rico School of Medicine**  
*Professor Ad Honorem of Radiology*

**San Juan, PR**  
August 2009 – Present

- Actively teaching Radiology Residents and Medical Students in the field of Vascular and Interventional Radiology
- Developing a detailed lecture series in the field of IR to be used as part of the teaching curriculum of the Radiology Residency at the Department of Radiology, UPR School of Medicine

**Adler Wellness and Interventional Therapies**  
*Partner*

**San Juan, PR**  
October 2014 - Dec 2016

- Performed cosmetic IR procedures in a private practice outpatient surgical center including leg venous insufficiency procedures such as sclerotherapy, phlebectomy and endovenous laser therapy
- Performed Bioidentical Hormone replacement therapy (bioTE)

**GRADUATE**

**Department of Interventional Radiology, University of Pennsylvania**

**Philadelphia, PA**

Fellow Research – Mentor: Jeffrey Solomon, MD, MBA

August 2008 – June 2009

- Underwent research with different types of embolization coils deployed in peripheral vessels in a Yucatan swine animal model
- Compared short and long term patency and occlusion rates between regular Cook platinum coils versus Terumo hydrogel coated polymer platinum coils
- Performed multiple angiographic studies, coil deployment and subsequent necropsy for tissue harvesting on animal subjects
- Correlated histopathologic analysis on patency rates and endothelialization rates with type of coils

**Department of Radiology, University of Puerto Rico School of Medicine San Juan, PR**

Resident Research – Mentor: Edgar Colon, MD and Valerie Wojna, MD

November 2002 – July 2005

- Performed research on MRI Spectroscopy and its application and correlation to HIV Dementia in Puerto Rican Women
- Analyzed single-voxel and CSI (chemical shift imaging) spectroscopic MR images and correlated with clinical data on experimental subjects and controls
- Contributed to ongoing research with the Neurology Department of the University of Puerto Rico School of Medicine and Poster Presentation/abstract (Wojna V. et al)
- Attended MR Spectroscopy training at University of Maryland School of Medicine, Radiology Department under supervision of Dr. Rao, September 2003

**UNDERGRADUATE**

**GICCS, Georgetown Institute for Cognitive & Computational Sciences**

**Washington, DC**

Technical Research Assistant – Mentor: Alan Faden MD, PhD

August 1998 – August 1999

- Prepared mixed cortical neuronal-glial cell cultures for evaluation of potential neuroprotective mechanisms of novel drugs *In Vitro* developed in the drug discovery effort at GICCS
- Performed research concerning apoptotic and necrotic-induced cell death in Sprague-Dawley rat neuronal co-cultures
- Contributed to abstract (Knoblach S.M. et al)

**DPE, Desarrollo Profesional Estudiantil (Prof. Student Development)**

**San Juan, PR**

Vice-President

June 1997 – July 1999

- Founded a non-profit organization with operating budget of \$12,000 that provides top quality internships to high school juniors and seniors of Puerto Rico in a variety of professional areas
- Developed the infrastructure of the organization and recruited volunteers
- Organized fund-raising events such as wine-tasting and premiere activities
- Secured numerous corporate sponsors such as Pfizer Corp. and PricewaterhouseCoopers

**CDC, Centers for Disease Control & Prevention, Dengue Branch**

**San Juan, PR**

Research Intern – Mentor: Jose Rigau-Perez, MD, MPH

May 1997 – August 1997

- Conducted statistical analysis of fatal Dengue cases across Puerto Rico during 1987 – 1996
- Adjusted Contingency Emergency Action Plan for possible Dengue Outbreak to federal standards
- Contributed to abstract (Laufer M.K. et al)

**GERMS, Georgetown Emergency Response Medical Service**

**Washington, DC**

Acting Crew Chief

January 1996 – May 1997

- Provided volunteer emergency response service as EMT-B in the Georgetown community
- Instructed aspiring technicians in MVA-MBT procedures with full immobilization techniques
- Directed duty crew choices during emergency situations based on the status of the patient and corresponding protocol

**RESEARCH**

**CT Image Findings and the Role of Interventional Radiology in Vascular and Solid Organ Trauma.** SC Torres-Ayala, J Atilas, L Garcia Paredes, AP Marrero Gonzalez, R Marquez, A Bravo, A Hidalgo. University of Puerto Rico School of Medicine (Poster Presentation - Abstract presented at European College of Radiology Meeting 2018 / C-2302)

**Primary Cardiac Angiosarcoma with Metastasis to Lungs. One Case Report and Review of Literature.** M N Suleiman, R Velez, J Benitez, K Nieves, M Ruiz, A Delgado Garrastegui, R Santos, A Hidalgo. University of Puerto Rico School of Medicine (Poster Presentation - Abstract presented at American Society of Clinical Pathology, 2017)

**Radiographic diagnosis and endovascular treatment of an unruptured superior hypophyseal aneurysm.** W De Jesus, J Sepulveda, E Labat, A Hidalgo, C Feliciano. University of Puerto Rico School of Medicine. *Radiology Case Reports*. 2012; 7: 620

**Spontaneous hemothorax: First manifestation of pulmonary arteriovenous malformation in a patient with hereditary hemorrhagic telangiectasia.** F Parrilla, R Marmorato, RE Calderon, P Vargas Otero, A Hidalgo Rios. University of Puerto Rico School of Medicine. *Bol Asoc Med PR*, Oct-Dec 2011; 103(4):41-44 PMID: 22737829

**Hydrogel Coated Coils versus Fibered Coils for Peripheral Vascular Embolization: Comparison in a Porcine Model.** J Solomon, A Hidalgo, M Knaus, M Stiefel, D Holt, W Stavropoulos. University of Pennsylvania Hospital System. *Journal of Vascular and Interventional Radiology*, February 2009 (Vol. 20, Issue 2, Page S69)

**Splenic artery embolization in a 3<sup>rd</sup> trimester pregnant patient after blunt trauma with successful outcome.** A Hidalgo, J Arzola, E Colon. University of Puerto Rico School of Medicine (In progress)

**Oxidative Stress and Sex Hormones in Brain Atrophy by MRS in HIV+ Women.** V Wojna, E Colon, M Melendez, C Anderson, J Turchan, R Skolasky, A Hidalgo, R Mayo, T Curry, A Algaze, M Fernandez, L Melendez, J McArthur, A Nath. University of Puerto Rico School of Medicine (Poster presentation - Abstract # 952947 presented at the 58<sup>th</sup> Annual Meeting of the American Academy of Neurology, 2006)

**Novel Analogs of Thyrotropin-Releasing Hormone (TRH) protect against Necrotic and Apoptotic Cell Death *in Vitro*.** SM Knoblach, E Kazanova, A Hidalgo, S. Ivanova, GL Araldi, AP Kozikowski and AI Faden. Georgetown Institute for Cognitive and Computational Sciences, Georgetown University Medical Center, Washington DC (Abstract presented at American Society for Neurochemistry Annual Meeting, 2000)

**Dengue Deaths in Puerto Rico, 1987-1996: Incidence and precipitating factors.** MK Laufer, A Hidalgo and JG Rigau-Perez. Centers for Disease Control and Prevention, Dengue Branch, San Juan PR (Abstract presented at Infectious Diseases Society of America Annual Meeting, 1997)

## ORAL PRESENTATIONS

**Pelvic Congestion Syndrome: A Cryptogenic underdiagnosed disease** - 4th Annual Convention, NACET 2014, San Juan, PR April 2014

**SMART Flex Biliary Stent System Launch** - Cordis Sponsored Event, Bottles Rest, San Juan, PR, February 2014

**Trends in TACE Liver Chemoembolization** - Boston Scientific Sponsored Event, Ruth Chris Steakhouse, San Juan, PR, September 2013

**The Role of Interventional Radiology in Active Upper Gastrointestinal Bleeding** – 1<sup>st</sup> Convention, NACET West Coast 2012, Rincon, PR, October 2012

**Official Caribbean Launch – Terumo Hydrogel Coated Coils** – Terumo sponsored event, Budatai Rest., San Juan, PR, September 2012

**Tips & Tricks of Tumor Embolization** – 2<sup>nd</sup> Annual Convention, NACET 2012, San Juan, PR April 2012

**Interventional Radiologist Perspective of GI Bleeding** – Annual Convention, Society of Nuclear Medicine of Puerto Rico, Rio Grande, PR September 2011

**The Role of Interventional Radiology in Active Upper Gastrointestinal Bleeding** – 14<sup>th</sup> Annual Radiologic Convention, Puerto Rico Radiological Society and Puerto Rico ACR Chapter, Hot Topics in Emergency Radiology, San Juan, PR, April 2010

**Hydrogel Coated Coils versus Fibered Coated Coils for Peripheral Vascular Embolization: Comparison in a Porcine Model** – Annual Convention, Society of Interventional Radiology, San Diego, CA, March 2009

**COPD: Current Imaging and Concepts** – Annual Convention, Pneumologic Society of Puerto Rico, Rio Grande, PR, November 2007

**Unknown Case Presentation – Traumatic Pseudoaneurysm of the Innominate Artery** - 11<sup>th</sup> Annual Convention, Radiological Society of Puerto Rico, Harvard Categorical Course in Chest, Rio Grande, PR, May 2007

**Interventional Radiology Basics MSIII Conference** – given to third year medical students quarterly at the University of Puerto Rico School of Medicine and at the Universidad Central del Caribe School of Medicine, Bayamon, PR, 2005-2007

**Assistant Teacher MSI Radiology/Gross Anatomy Correlation** – Anatomic-Radiologic correlation discussions within Gross Anatomy lab for first year medical students at the University of Puerto Rico School of Medicine, 2006-2007

**HONORS**

Magna Cum Laude Medical degree – June 2003  
Distinguished Award in Radiological Sciences of University of Puerto Rico SOM – June 2003  
Cum Laude Undergraduate degree – Spring 1999  
Undergraduate Second Honors – Spring 1997, Fall 1998  
Undergraduate Dean’s List – Fall 1996

**PROFESSIONAL MEMBERSHIPS**

ACR, American College of Radiology  
RSNA, Radiological Society of North America  
SIR, Society of Interventional Radiology

**BOARD CERTIFICATIONS**

Diplomate of the American Board of Radiology  
*Diagnostic Radiology, June 2008 Certificate # 56982*  
*Vascular & Interventional Radiology CAQ, October 2013 Cert # 56982*  
*Combined DR/IR, October 2017, Cert #56982*

USMLE: Step I – Passed (July 2001)  
Step II – Passed (December 2002)  
Step III – Passed (April 2004)

**HOSPITAL AFFILIATIONS**

ASEM – Centro Medico  
Centro Cardiovascular de Puerto Rico  
Hospital Auxilio Mutuo  
Doctors Center Hospital (Manati, Bayamon, Carolina)

**STATE MD LICENCE**

Puerto Rico - #16455  
Pennsylvania - #MD433596 (inactive), #MT193719 (inactive)

**DEA LICENCES**

State DM17504-2  
Federal FH1621160

**NPI#**

#1548463706

**SKILLS**

Languages: Fluent in English and Spanish  
Hobbies: MotorSports, Tennis, Golf, Deep sea Fishing, Hunting