

# Guilherme Dabus, M.D.

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Baptist Cardiac and Vascular Institute  
8900 N Kendall Dr  
Miami, FL 33176  
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- **Nationality:** Brazil
- **USA Visa Status:** Permanent Resident
- **Medical Education**

Medical Degree: Santos School of Medical Sciences (Faculdade de Ciencias Medicas de Santos) – Lusiada University from January 1995 to November 2000

Internship: Faculdade de Ciencias Medicas de Santos - Hospital Guilherme Álvaro, Santos, SP – Brazil from 01/1999 to 10/2000

- **Medical Training**

Residency: Radiology Residency at Hospital das Clínicas- School of Medical Sciences, State University of Campinas - UNICAMP Campinas, SP – Brazil from 02/2001 to 01/2004

Observer: Department of Interventional Neuroradiology at Medimagem – Dr. Ronie L. Piske - Sao Paulo, SP – Brazil from 02/2004 to 06/2004

Fellowship: Neuroradiology Fellowship at Northwestern University – Chicago, IL from 07/2004 to 06/2005

Fellowship: Endovascular Surgical Neuroradiology at Mallinckrodt Institute of Radiology – Washington University in St. Louis from 07/2005 to 06/2006

Fellowship: Interventional Neuroradiology and Endovascular Neurosurgery at Massachusetts General Hospital – Harvard Medical School from 07/2006 to 06/2008

- **Academic and Professional Career**

Assistant Professor of Radiology at Feinberg School of Medicine of Northwestern University, Chicago, IL – July 2008 to June 2010

Assistant Professor of Neurological Surgery at Feinberg School of Medicine of Northwestern University, Chicago IL – July 2008 to June 2010

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Director of Neuroangiography at Northwestern Memorial Hospital, Chicago IL – July 2008 to June 2010

Assistant Director Northwestern Neuroendovascular Program, Chicago IL – July 2008 to June 2010

Attending Interventional Neuroradiologist at the Baptist Cardiac and Vascular Institute and Baptist Neuroscience Center, Miami FL – June 2010 to present

Director of the Interventional Neuroradiology Fellowship Program at the Baptist Cardiac and Vascular Institute and Baptist Neuroscience Center, Miami FL – June 2010 to present

### ➤ **Licensure and Certification**

Brazilian Medical License

ECFMG/USMLE Certified

Illinois Medical License

Florida Medical License

American Board of Radiology - Certified

### ➤ **Academic Appointments as a Medical Student**

1996: Director of the Athletic Association “Arnaldo Vieira de Carvalho” of the Santos School of Medical Sciences

1998: Founded the League of Diagnostic Imaging of the Santos School of Medical Sciences

1999: Director of the League of Diagnostic Imaging of the Santos School of Medical Sciences

2000: President of the League of Diagnostic Imaging of the Santos School of Medical Sciences

Supervisor Medical Student in: Anatomy – 1996  
Radiology – 1999  
Radiology – 2000

➤ **Academic Appointments as a Radiology Resident**

Chief Resident from 2002 to 2003

➤ **Postgraduate Experiences**

Executive Master in Business Administration (MBA) accredited by Fundação Getúlio Vargas and Ohio University

➤ **Editorial Responsibilities**

Reviewer for Journal of Neuroimaging

Reviewer for Clinical Neurology and Neurosurgery

Reviewer for Journal of Endovascular Therapy

Reviewer for Stroke

Reviewer for European Journal of Neurology

Reviewer for Journal of Stroke & Cerebrovascular Diseases

Reviewer for Journal of NeuroInterventional Surgery

➤ **Professional Responsibilities**

Chair of the 2010 ASNR Outstanding Presentation Awards Committee – Michael J. Brothers Memorial Award

Member of the Abstract Grading Subcommittee for the 2010, 2011, 2012 International Stroke Meeting – AHA/ASA

Member of the Neuroradiology Education Exhibit Committee for the 2010, 2011, 2012 Radiological Society of North America (RSNA) Annual Meeting

Co-Investigator for the Diffusion-Weighted Imaging Evaluation For Understanding Stroke Evolution Study (DEFUSE)

Co-Investigator for the Vitesse Intracranial Stent Study for Ischemic Therapy (VISSIT)

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Co-Investigator for the Penumbra Imaging Collaborative Study (PICS)

### ➤ Professional Memberships

American Society of Interventional and Therapeutic Neuroradiology/ Society of NeuroInterventional Surgery – Senior Member

American Association of Neurological Surgeons/ Congress of Neurological Surgeons Cerebrovascular Section – Active Member

European Society of Minimally Invasive Neurological Therapy – Corresponding Member

World Federation of Interventional and Therapeutic Neuroradiology - Member

Radiological Society of North America – Member

American College of Radiology – Member

American Heart Association Stroke Council - Member

### ➤ Awards and Nominations

Arão Schwartz Award – XVI Congresso Médico Acadêmico de Santos, May 1998

Nominated for the 2007-2008 Excellence in Mentoring Award - Harvard Medical School

Nominated for the 2009 Edition of the Marquis Who's Who in America®

### ➤ Publications

Dabus G de C, Cury RC, Marcos GC, Ribeiro MFI, Macedo AG. “Cystic Adenoid Carcinoma of the Lung”. Rev Bras Med. 2000 Aug 57(8):918:922-920-922

Rossi MD, Nagao de Kairiyama E, Dabus G de C. “Thigh Splint”. Imaging Journal of the São Paulo State Radiological Society Edition n.272; April 2001 Caderno 2, page 01

Dabus GC. “Tyrosinemia”. Imaging Journal of the São Paulo State Radiological Society Edition n.275; July 2001 Caderno 2, page 03

Dabus G de C, Dertkigil SSJ. “Burkitt Lymphoma”. Imaging Journal of the São Paulo State Radiological Society Edition n.288; August 2002 Caderno 2, page 02

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**Dabus G de C**, Dertkigil SS, Baracat J. “Percutaneous Cholecystostomy: a nonsurgical therapeutic option to acute cholecystitis in high risk and critically ill patients”. São Paulo Medical J. 2003 Nov 6; 121(6): 260-2

**Dabus G**, Farias AV. “CNS Behçet Disease”. Imaging Journal of the São Paulo State Radiological Society Edition n.299; July 2003 Caderno 2, page 02

**Dabus G de C**, Pereira IMR. “Extrarenal Wilms tumor: a case report”. Radiol Bras 2004; 37(4): 299-301

Faria AV, **Dabus GC**, Zanardi VA, Cendes F. “Proton MRS and MRI findings in a patient with Central Nervous System Paracoccidioidomycosis”. Journal of Neuroimaging 2004 14: 377-379

Piske RL, Campos CM, Chaves JB, Abicalaf R, **Dabus G**, Batista LL, Baccin C, Lima SS. “Dural sinus compartment in dural arteriovenous shunts - a new angio-architectural feature allowing superselective transvenous dural sinus occlusion treatment”. American Journal of Neuroradiology 2005 Aug; 26(7):1715-22

**Dabus G**, Gerstle RJ, Goodman J, Cross DT 3rd, Moran CJ, Derdeyn CP. “Goldvalve detachable balloon: "in vitro" assessment of safety and imaging artifacts in a 3T MR system”. Neuroradiology 2006 Jun; 48: 409-11

**Dabus G**, Adel JG, Miller JW, Parkinson RJ, Shaibani A, Bendok BR. “Brain arteriovenous malformations: current endovascular strategies”. Contemporary Neurosurgery 2006 Nov; 28(22): 1-6

**Dabus G**, Gerstle RJ, Derdeyn CP, Cross DT 3rd, Moran CJ. “Endovascular treatment of the vertebral artery origin in patients with symptoms of vertebrobasilar ischemia”. Neuroradiology 2006 Dec; 48(12):917-23.

**Dabus G**, Gerstle RJ, Cross DT 3rd, Derdeyn CP, Moran CJ. “Neuroendovascular magnetic navigation: clinical experience in 10 patients”. Neuroradiology 2007 Apr; 49(4):351-5

Shaibani A, Rohany M, Parkinson R, Hopkins JK, Batjer HH, **Dabus G**, Izadi K, Russell EJ. “Primary treatment of an indirect carotid cavernous fistula by injection of N-butyl cyanoacrylate in the dural wall of the cavernous sinus”. Surgical Neurology 2007 April; 67(4): 403-408.

**Dabus G**, Moran CJ, Derdeyn CP, Cross DT 3rd. “Endovascular treatment of the vertebral artery origin and innominate/subclavian disease: indications and technique”. Neuroimaging Clin N Am. 2007 Aug;17(3):381-92.

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Martins DL, Gonçalves A, Dabus G de C, Bustorff-Silva JM, Olímpio HO, Alvares BR, Sbragia L. "Dilatation of bowel loops on radiological images: prognostic value in necrotizing enterocolitis". Radiol Bras 2007 Set/Out; 40(5): 297-301.

Nogueira RG, Dabus G, Rabinov JD, Eskey CJ, Ogilvy CS, Hirsch JA, Pryor JC. "Preliminary Experience with Onyx Embolization for the Treatment of Intracranial Dural Arteriovenous Fistulas". AJNR Am J Neuroradiol. 2008 Jan;29(1):91-7. Epub 2007 Nov 1.

Dabus G, Gerstle RJ, Parsons M, Cross DT 3rd, Moran CJ, Thompson R, Derdeyn CP. "Rotational vertebrobasilar insufficiency due to dynamic compression of the dominant vertebral artery by the thyroid cartilage and occlusion of the contralateral vertebral artery at C1-2 level". J Neuroimaging. 2008 Apr;18(2):184-7. Epub 2007 Oct 22.

Dabus G, Nogueira RG. "Empty Catheter Technique for the Deployment of Neuroform Stent to Treat Refractory MCA-M2 Occlusion in the Setting of Severe Proximal Tortuosity". J Neuroimaging 2009 Apr;19(2):164-8. Epub 2008 Apr 3.

Nogueira RG, Dabus G, Rabinov JD, Eskey CJ, Ogilvy CS, Hirsch JA, Pryor JC. "Onyx Embolization for the Treatment of Spinal Dural Arteriovenous Fistulas: Initial Experience with Long-Term Follow-up". Neurosurgery. 2009 Jan; 64(1):E197-8

Eddleman CS, Jeong HJ, Hurley MC, Zuehlsdorff S, Dabus G, Getch CG, Batjer HH, Bendok BR, Carroll TJ. "4D Time-resolved Radial Acquisition Contrast-Enhanced (4D-TRACE) MR Angiography and Intracranial Arteriovenous Malformations: Quickly Approaching Digital Subtraction Angiography". Stroke. 2009 Aug;40(8):2749-53. Epub 2009 May 28.

Hurley MC, Kaakaji R, Dabus G, Shaibani A, Walker MT, Fessler RG, Bendok BR. "Percutaneous Vertebroplasty". Neurosurg Clin N Am. 2009 Jul;20(3):341-59.

Faria AV, Reis F, Dabus GC, Zanardi VA, Guerreiro MM, Cendes F. "MRI findings in the diagnosis and monitoring of Rasmussen's encephalitis". Arq Neuropsiquiatr. 2009 Sep;67(3B):792-7.

Dabus G, Walker MT. "Right Vertebral artery arising from the aortic arch distal to the left subclavian artery diagnosed with MRA". Arch Neurol. 2010 Apr;67(4):508.

Dabus G, Bernstein RA, Hurley MC, Shaibani A, Bendok BR, Russell EJ. "Reversal of Diffusion Restriction After Embolization of Dural Arteriovenous Fistula". Accepted for Publication in Neurosurgery

Xu DS, Abruzzo TA, Albuquerque FC, Dabus G, Eskandari MK, Guterman LR, Hage ZA, Hurley MC, Hanel RA, Levy EI, Nichols CW, Ringer AJ, Batjer HH, Bendok BB. "External carotid artery stenting to treat patients with symptomatic ipsilateral internal

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carotid artery occlusion: a multicenter case series". Accepted for Publication in Neurosurgery

Dabus G, Nogueira RG. "Intra-arterial Drug Infusion for Cerebral Vasospasm Treatment". Submitted for Publication

Dabus G, Hurley MC, Nimmagadda A, Russell EJ. "Endovascular treatment of a bilateral dural carotid-cavernous fistula using an unusual unilateral approach through the basilar plexus". Submitted for Publication

Pham M, Adel JG, Nimmagadda A, Hurley MC, Dabus G, Shaibani A, Bernstein R, Fishman AJ, Batjer HH, Bendok BR. "Endovascular stenting of extracranial vascular dissections part II: the Northwestern experience". Submitted for Publication

Lasboo AA, Hurley MC, Dabus G, Rahimi S, Walker MT, Shaibani A. "Preoperative Onyx Embolization of a Vertebral Aneurysmal Bone Cyst". Submitted for Publication

Nimmagadda A, Dabus G, Russell EJ, Bendok BR. "Double Basilar Fenestration Presenting as Basilar-Type Migraine". Submitted for Publication

### ➤ **Book Chapters**

Nogueira RG, Dabus GC, Hirsch JA, Scwamm LH. "Endovascular Approaches to Acute Stroke" in Acute Ischemic Stroke: An Evidence-based Approach. Editor: David M. Greer. Publisher: John Wiley & Sons, Inc., 2007

Dabus G, Nogueira RG. "Percutaneous Balloon Angioplasty (PTA) and Vertebral Artery Take-Down in Acute Vertebro-Basilar Occlusion" in Atlas of Interventional Neurology. By Adnan Qureshi; Demos Medical Publishing, Woodbridge, CT, 2008

Dabus G, Nogueira RG. "Pharmacotherapy In Endovascular Surgery" in Surgical Endovascular Neuroradiology. By Charles Prestogiacomo; Thieme Medical Publishers, New York, NY – In Progress

Dabus G, Hurley MC, Russell EJ. "Diagnostic Catheter angiography for ischemic and hemorrhagic stroke" in Hemorrhagic and Ischemic Stroke: Surgical, Interventional, Imaging, and Medical Approaches. By Bernard R. Bendok, H. Hunt Batjer, Andrew M. Naidech, and Matthew T. Walker; Thieme Medical Publishers, New York, NY – In Progress

Hurley MC, Dabus G, Shaibani A, Russell EJ, Bendok BR. "Dural Arteriovenous Fistula" in Hemorrhagic and Ischemic Stroke: Surgical, Interventional, Imaging, and Medical Approaches. By Bernard R. Bendok, H. Hunt Batjer, Andrew M. Naidech, and Matthew T. Walker; Thieme Medical Publishers, New York, NY – In Progress

Arnaout OM, Nimmagadda A, Adel J, ***Dabus G***, Bendok BR. “Interventional Approaches to Acute Stroke” in Vascular Surgery – Therapeutic Strategies. By William H. Pearce, Mark K. Eskandari, Mark D. Morasch and James S.T. Yao; People's Medical Publishing House, USA – In Progress

➤ **Abstracts Presented at Meetings**

“Sellar Spine: CT and MRI findings”. XXVII São Paulo State Radiological Meeting, April 1997

“Periventricular Leukomalacia”. XXVI Brazilian Meeting of Radiology, November 1997

“Breast feeding profile of infants under 12 months at the city of São Vicente during the year of 1995”. XVI Medical Student Meeting of Santos, May 1998

“MRI of the Shoulder with CT guided puncture”. XXIX São Paulo State Radiological Meeting, April 1999

“Ceroid Lipofuscinosis-Case Report”. XXIX São Paulo State Radiological Meeting, April 1999

“Radiological findings in Swyer-James Syndrome”. XVII Medical Student Meeting of Santos, May 1999

“Right atrium growth simulating pulmonary tumor”. XVII Medical Student Meeting of Santos, May 1999

“Pulmonary Sequestration: Case Report and Literature Review”. XVII Medical Student Meeting of Santos, May 1999

“Pulmonary Bleeding in Goodpasture Syndrome”. XVII Medical Student Meeting of Santos, May 1999

“Cystic Adenoid Carcinoma of the Lung”. XVII Medical Student Meeting of Santos, May 1999

“Imaging findings of Swyer-James Syndrome”. XXVIII Brazilian Meeting of Radiology, October 1999

“Thigh Splint - Case Report”. XXX São Paulo State Radiological Society Meeting, April 2000



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“Imaging findings in the Thyroglossal Duct Anomalies”. XXX São Paulo State Radiological Society Meeting, April 2000

“Chondroblastoma: MRI findings”. XXXI São Paulo State Radiological Society Meeting, April 2001

“Differential Diagnosis in Pulmonary Cystic Diseases”. XXXII São Paulo State Radiological Society Meeting, April 2002

“Unilateral Hyperlucent Lung: Differential Diagnosis”. XXXII São Paulo State Radiological Society Meeting, April 2002

“Extrarenal Wilms Tumor: a Case Report”. XXXII São Paulo State Radiological Society Meeting, April 2002

“Circumscribed Breast Masses: Ultrasound and Mammographic correlation”. XXXI Brazilian Meeting of Radiology, October 2002

“Carotid-Cavernous Fistula: Diagnosis, Treatment, and Follow-up”. XXXI Brazilian Meeting of Radiology, October 2002

“Glioneuronal Tumors: imaging findings”. XXXIII São Paulo State Radiological Meeting, May 2003

“Angioplasty and Stenting of the Vertebral Artery Origin: the MIR experience”. VIII Congress of the World Federation of Interventional and Therapeutic Neuroradiology, Venice, Italy October 2005

“Endovascular treatment of the vertebral artery origin in patients with vertebro-basilar insufficiency”. 2006 Joint Annual Meeting of the AANS/CNS Cerebrovascular Section & American Society of Interventional and Therapeutic Neuroradiology, Orlando FL, February 2006

“Effect of Multi-technique Intra-arterial Therapy on Clinical Outcomes in Acute Anterior Circulation Ischemic Stroke: Experience at a Large Academic Hospital”. ASNR 45th Annual Meeting, Chicago II, June 2007.

“Preliminary Experience with Onyx Embolization for the Treatment of Intracranial Dural Arteriovenous Fistulas”. ASNR 45th Annual Meeting, Chicago II, June 2007.

“ONYX vs. NBCA for Embolization of Cranial Dural Arteriovenous Malformations”. ASNR 45th Annual Meeting, Chicago II, June 2007.

“Onyx embolization for the treatment of spinal dural arteriovenous fistulas.” ASITN 4<sup>th</sup> Annual Meeting, Dana Point CA, July-August 2007.

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“Onyx embolization for the treatment of intracranial dural arteriovenous fistulas.” ASITN 4<sup>th</sup> Annual Meeting, Dana Point CA, July-August 2007.

“Scanning Electron Microscopy Analysis of Thromboembolic Material Retrieved from Cerebral and Cervical Arteries of Patients with Acute Ischemic Stroke.” 33rd International Stroke Conference, New Orleans LA, February 2008. Abstract published on Stroke. 2008 Feb;39(2):562.

“Embolization of intracranial arteriovenous malformations with Onyx: a single-center experience in a series of 30 patients.” SNIS 5<sup>th</sup> Annual Meeting, Lake Tahoe CA, July 2008

“Transarterial Onyx embolization for the treatment of intracranial dural arteriovenous fistulas”. ABC-WIN Val D’Isere, France, January 2009

“Quantitative MR Perfusion in Patients with Intracranial Arteriovenous Malformations: Utilizing Spin-Echo Sequences to Characterize Vascular Steal”. ISMRM 17<sup>th</sup> Meeting, Honolulu, April 2009

“Ischemic and Hemorrhagic Disease of the Posterior Circulation: Requisite Vascular Anatomy for Appropriate Diagnosis and Management”. ASNR 47<sup>th</sup> Annual Meeting, Vancouver, May 2009

“Endovascular Stent Placement for Extracranial Carotid Artery Dissection”. ASNR 47<sup>th</sup> Annual Meeting Vancouver May 2009

“Post-Neurointervention CT Head Scan: Nuances and Pitfalls”. ASNR 47<sup>th</sup> Annual Meeting, Vancouver, May 2009

“4D Radial Acquisition Contrast-Enhanced MR Angiography and Intracranial Arteriovenous Malformations: Quickly Approaching Digital Subtraction Angiography “. ASNR 47<sup>th</sup> Annual Meeting, Vancouver, May 2009

“Stent-Assisted Coiling Using the Enterprise Vascular Reconstruction Device in 26 Patients”. ASNR 47<sup>th</sup> Annual Meeting, Vancouver, May 2009

“Technique, Results and Short-Term Follow Up of 18 Patients Undergoing Transarterial Onyx Embolization of Dural Arteriovenous Fistulae”. ASNR 47<sup>th</sup> Annual Meeting, Vancouver, May 2009

“Ischemic and Hemorrhagic Disease of the Posterior Circulation: Requisite Vascular Anatomy for Appropriate Diagnosis and Management”. ASNR 47<sup>th</sup> Annual Meeting, Vancouver, May 2009

“Preoperative Onyx Embolization of a Vertebral Aneurysmal Bone Cyst”. American Society of Spine Radiology 2010 Symposium, Las Vegas, NV, February 2010

“Perfusion Imaging in Moya Moya Disease”. ASNR 48<sup>th</sup> Annual Meeting, Boston 2010

➤ **National Invited Lectures**

“Dural Arteriovenous Fistula”. Johns Hopkins University – Division of Interventional Neuroradiology Journal Club. Baltimore, MD January 30<sup>th</sup>, 2007

“Neurovascular Anatomy”. Massachusetts General Hospital – Neuroradiology/Neurovascular Conference, Boston, MA August 14<sup>th</sup>, 2007

“Endovascular Management of Dural Arteriovenous Fistula”. Washington Hospital Center – Department of Neurosurgery Grand Rounds. Washington, DC February 5<sup>th</sup>, 2008

“Cerebrovascular Anatomy”. Massachusetts General Hospital – Neuro ICU Fellows Conference, Boston, MA June 20<sup>th</sup>, 2008

“Cerebrovascular Anatomy Part I”. Northwestern University – Neuroradiology Core Curriculum, Chicago, IL August 26<sup>th</sup>, 2008

“Cerebrovascular Anatomy Part II”. Northwestern University – Neuroradiology Core Curriculum, Chicago, IL September 16<sup>th</sup>, 2008

“Dural Arteriovenous Fistula: natural history, diagnosis and management”. Northwestern University – Neuroradiology Core Curriculum, Chicago, IL December 16<sup>th</sup>, 2008

“Acute Stroke Intervention: State of the Art”. Northwestern University – Neuroradiology Core Curriculum, Chicago, IL March 10<sup>th</sup>, 2009

“Acute Stroke: Practical Neurointerventional Approaches” – Northwestern University – Interventional Radiology Fellow Conference, Chicago, IL April 30<sup>th</sup>, 2009

“Cerebrovascular Anatomy”. Northwestern University – Neuroradiology Core Curriculum, Chicago, IL August 18<sup>th</sup>, 2009

➤ **International Invited Lectures**

“Neuroimaging in acute ischemic stroke: to intervene or not intervene. The role of the radiologist”. 40th Sao Paulo Radiology Meeting (JPR’2010)/First Brazil-Italy Congress of Radiology, Sao Paulo, Brazil April 29<sup>th</sup>, 2010

“Perspectives in Endovascular Treatment of Stroke”. 40th Sao Paulo Radiology Meeting (JPR’2010)/First Brazil-Italy Congress of Radiology, Sao Paulo, Brazil April 30<sup>th</sup>, 2010

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“Endovascular Treatment of Cerebral Aneurysms: State of Art”. 40th Sao Paulo Radiology Meeting (JPR 2010)/First Brazil-Italy Congress of Radiology, Sao Paulo, Brazil April 30<sup>th</sup>, 2010

“Neuroimaging and Endovascular Treatment of Dural AVF”. 40th Sao Paulo Radiology Meeting (JPR 2010)/First Brazil-Italy Congress of Radiology, Sao Paulo, Brazil April 30<sup>th</sup>, 2010