

CURRICULUM VITAE
MARCELO GUIMARAES, M.D.

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Education

Medical Graduation

February 1992 – July 1998 School of Medicine
Federal University of Rio Grande Sul (UFRGS),
Porto Alegre, Brazil

Extra Academic Rotations (voluntary)

June 1993 Intensive Care Unit, Hospital Santa Casa,
Porto Alegre, Brazil

July 1994 Gastroenterology Service, Hospital de Clínicas,
Porto Alegre, Brazil

January 1996 Internal Medicine Department, Hospital de Clínicas,
Porto Alegre
Porto Alegre, Brazil

January 1997 Surgery Department, Hospital Santa Casa,
Porto Alegre, Brazil

December 1997 –
January 1998 Trauma Surgery, Emergency City Hospital
Porto Alegre, Brazil

June 1998 Radiology Department, Hospital de Clínicas,
Porto Alegre, Brazil

Graduate Students Teaching

September 1992 – August 1994	Human Anatomy, Morphological Sciences Department, UFRGS Medical School, Porto Alegre, Brazil
August 1993 – July 1994	Clinical Biochemistry, Biochemistry Department, UFRGS Medical School, Porto Alegre, Brazil
August – December 1994	Clinical Pathology, Pathology Dept., UFRGS Medical School, Porto Alegre, Brazil
April 1996 – October 1997	Clinical Epidemiology & Scientific Assistance Social Medicine Department, UFRGS Medical School, Porto Alegre, Brazil

Residencies or Postdoctoral

January 1999 – December 2000	General Surgery Hospital de Clínicas, Porto Alegre, Brazil
February 2001 – January 2003	General and Interventional Radiology Hospital de Clínicas and Angiorad Group, Recife, Brazil
July 2003 – June 2005	Vascular and Interventional Radiology Fellowship Medical University of South Carolina Hospital Charleston, South Carolina

Temporary Appointments

August 1999	Visiting Physician Division of Angiography, Department of Radiology Medical University of South Carolina Charleston, South Carolina
January – February 1995	Elective Student Dept. of Internal Medicine, John Radcliffe Hospital, University of Oxford, Oxford, England

December 2005 Interventional Radiology Visiting Fellowship
Dotter Interventional Institute, Portland, Oregon

Certifications & Exams

Medical Exams

December 1998 Medical Association of Rio Grande do Sul Exam,
Porto Alegre, Brazil

April 2002 United States Medical Licensure Examination (USMLE)
Step 1 Exam, USA

May 2002 USMLE Step 2 Exam, USA

September 2002 Clinical Skills Assessment Exam, USA

October 2004 Exam for Certification in Vascular & Interventional
Radiology Brazilian College of Radiology and Brazilian
Society of Interventional Radiology and Endovascular
Surgery, Brazil

August 2007 USMLE Step 3 Exam, USA

Medical Certificates

October 2002 Educational Commission for Foreign Medical Graduates
Certificate, valid indefinitely # 0.635.207-4, USA

November 2004 Vascular & Interventional Radiology Board Certification,
Brazilian College of Radiology and Brazilian Society of
Interventional Radiology and Endovascular Surgery, Brazil

English Language

May 1994 First Certificate in English, Cambridge University Exam

January 1996 Test of English as Foreign Language (TOEFL) Exam

January 2002 TOEFL Exam

Licensure

1998 – 2003	Licensed as Physician and Surgeon in the State of Rio Grande do Sul CRM/RS, Brazil.
2003 – 2005	Limited License for practice of Medicine in the State of South Carolina, USA
2005 – 2007	Licensed as Physician in the State of Rio Grande do Sul CRM/RS, Brazil.
2008 – present	Academic License for practice of Medicine in the State of South Carolina, USA

Faculty Appointments

July 2005 – Dec 2007	Academic Practice - Lecturer at the Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil
July 2005 – Dec 2007	Private Practice - Vascular and Interventional Radiologist Moinhos de Vento Hospital, Porto Alegre, Brazil
Jan 2008 – present	Assistant Professor Interventional Radiologist Attending Department of Radiology Medical University of South Carolina Hospital, Charleston, SC

Administrative Appointments

August 2010 – present	Institutional Review Board for Human Research Medical University of South Carolina
July 2010 – present	Medical Students Selection Committee Medical University of South Carolina
October 2008 – present	Radiology Residents Selection Committee Department of Radiology Medical University of South Carolina

July 2005 – Dec 2007	Head of the Vascular & Interventional Radiology Unit Department of Radiology, Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil
October 2005 – Dec 2007	Multidisciplinary Endovascular Center Committee Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil
November 2005 – Dec 2007	Member, Scientific Committee Brazilian Society of Interventional Radiology and Endovascular Surgery, Brazil
April 2006 – Dec 2007	Strategic Planning Committee, Hospital de Clinicas Administration, UFRGS Medical School, Porto Alegre, Brazil
June 2006 – Dec 2007	Strategic Planning Committee, Moinhos de Vento Hospital Administration, Porto Alegre, Brazil
July 2006 – Dec 2007	Vascular Unit Committee Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil
March 2006 – Dec 2007	Radiology Research Committee Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil

Membership in professional/scientific societies

2001 - present	Brazilian College of Radiology (CBR)
2003 - present	Society of Interventional Radiology (SIR)
2003 - present	Cardiovascular and Interventional Radiology Society of Europe (CIRSE)
2003- present	Brazilian Society of Interventional Radiology and Endovascular Surgery (SOBRICE)
2007 – present	Iberoamerican Society of Interventional Radiology (SIDI)
2009 – present	SIR – Emergent Technology committee member

Research Grants & scholarships

1. Scientific Initiative Program, University of Rio Grande do Sul. Project: Evaluation of the of the anti-hyperglycemia effect of the *Mangifera indica* tea in the post prandial glycemic levels in mouse with induced diabetes, Porto Alegre, Brazil. 1996.
2. Scientific Initiative Program, University of Rio Grande do Sul. Project: Evaluation of the anti-hypertensive and metabolic effects of Metformin in patients with Hypertension and Diabetes type II, Porto Alegre, Brazil. 1997 – 1998.
3. Pilot Research Grant, Society of Interventional Radiology Foundation. Project: Use of Sphingosine-1-phosphate for Angiogenesis in Rabbit Ischemic hind limb, Medical University of South Carolina, Charleston, South Carolina. US\$ 20,000.00. 2005.

Participation in Clinical Trials

Principal Investigator:

1. Normal and Variant Anatomy of Supra-aortic Vessels. Non-sponsored. 6/25/08 - Present
2. New radio-frequency guidewire in the successful recanalization of patients with bile ducts occlusions. Non-sponsored. 7/11/08 – Present.
3. Population-based Examinations To Determine Ankle-Brachial Index (PEDAL Study). Sponsor = Rhode Island Hospitals. 9/3/08 – 9/1/09
4. (OSPNEY: Occlusive/Stenotic Peripheral Artery Revascularization Study): A Multi-Center Clinical Trial of the Misago Self Expanding Stent System for Superficial Femoral Artery. Sponsor = Terumo Medical. 2/23/10 – Present.
5. Electromagnetic Tracking of Devices during Interventional Procedures. Sponsor = Philips Medical Systems, 6/22/10 - Present
6. A Multi-Center Study of Sensitivity and Specificity of a Novel Pneumothorax Detection Device in CT-Guided Imaging Lung Biopsy Patients. Sponsor = PnemoSonics, Inc. 11/15/10 – Present.

Sub-Investigator:

1. Gore Viabahn Endoprosthesis versus Percutaneous Transluminal Angioplasty (PTA) to Revise Arteriovenous Grafts at the Venous Anastomosis in Hemodialysis Patients. Sponsor = WL Gore and Assoc. 5/5/08 – Present.

2. GORE EMBOLic Filter in CarotiD StENTing for High Risk Surgical Subjects (GORE EMBOLDEN). Sponsor = WL Gore and Assoc., 10/17/08 - Present

3. A Carotid Stenting Boston Scientific Surveillance Program(CABANA). Sponsor = Boston Scientific, 1/16/09 – 9/31/10.

4. The Gore VIATORR TIPS Endoprosthesis versus Large-Volume Paracentesis for the Treatment of Ascites in Patients with Portal Hypertension (Early TIPS for Ascites Study). Sponsor = WL Gore and Assoc., 10/15/10 – Present.

Animal Studies:

1. Use of hydrogel filaments for the embolization of arteries, veins and vascular injuries. Pilot study in a swine animal model. (Sponsor = Terumo; IACUC approved 2/10/09), 2/10/09 – 5/12/09

2. Coil Embolization Comparison Study. Sponsor = SET Foundation. 10/8/10 – Present.

Major Academic Activities

1. Teaching classes for 4th year medical students and for Radiology Residents concerning Vascular & Interventional Radiology, MUSC Hospital, Charleston, South Carolina, July 2003 – June 2005.
2. Teaching classes for 6th year medical students and for Radiology Residents concerning Vascular & Interventional Radiology, Department of Radiology, Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil, July 2005 – December 2007.
3. Teaching classes for Internal Medicine and Clinical Specialties Residents concerning Vascular & Interventional Radiology procedures, Department of Internal Medicine, Hospital de Clinicas, UFRGS Medical School, Porto Alegre, Brazil, August 2006 – December 2007.
4. Teaching classes for 4th year medical students and for Radiology Residents concerning Vascular & Interventional Radiology procedures, MUSC Hospital, Charleston, South Carolina, January 2008 – present.
5. Interventional Radiology weekly conference, MUSC Hospital – organizer, lecturer. Conferences dedicated to the Radiology residents and Interventional Radiology fellows.
6. VIR Multi Institutional Angio Club – organizer, quarterly basis meeting, Charleston/SC.

Mentoring Activities

1. Co-Mentor to the visiting physician: Bulent Karaman from Croatia, December 27, 2007 to March 21, 2008
2. Co-Mentor to the visiting physician: Celio T. Mendonca from Brazil, January 14 to February 4, 2008
3. Co-Mentor to the visiting physician: Julio Cesar Bajerski from Brazil, April 1 to May 22, 2008
4. Co-Mentor to the visiting physician: Marcio Chedid from Brazil, July 8 to August 1, 2008
5. Co-Mentor to the visiting physician: Hong Ni from China, July 1, 2008 to January 18, 2009
6. Co-Mentor to the visiting physician: Thiago Castro from Brazil, April 5 to June 12, 2009
7. Co-Mentor to the visiting physician: Andre Marchiori from Brazil, April 1 – June 30, 2009
8. Co-Mentor to the visiting physician: Guilherme Mendes from Brazil, July 5 – 30, 2009
9. Co-Mentor to the visiting physician: Raphael Braz Levigard from Brazil, August 3 – 28, 2009
10. Co-Mentor to the visiting physician: Ricardo Yamada from Brazil, August 3 – 28, 2009
11. Co-Mentor to the visiting physician: Eduardo Scortegagna from Brazil, November 2 – 30, 2009
12. Co-Mentor to the visiting physician: Valeria Aguiar from Brazil, January 1 – March 30, 2010
13. Co-Mentor to the visiting physician: Agenor Paulino Dias from Brazil, March 1 – May 29, 2010
14. Co-Mentor to the visiting physician: Juan Carlos Bravo from Chile, April 1 – May 31, 2010
15. Co-Mentor to the visiting physician: Miguel Naranjo from Venezuela, June 14 – July 16, 2010

16. Co-Mentor to the visiting physician: Claudiomar Zardo de Oliveira, June 1-30, 2010
17. Co-Mentor to the visiting physician: Santiago Echeverri Isaza from Colombia, August 5 – September 3, 2010
18. Mentor to the visiting medical student: Cole Danton, College of Medicine, Toledo, Ohio, August 2010. Manuscript production.
19. Co-Mentor to the visiting physician: Lihua “Jack” Yuan from China, September 13 – November 30, 2010
20. Mentor of the MUSC 3rd year medical student Alex Harvin, October 2010. Manuscript production.
21. Co-Mentor to the visiting physician: Luis Henrique Gil França from Brazil, October 4 – 25, 2010
22. Co-Mentor to the visiting physician: Diogo Aquino Tavares from Brazil, November 1 – December 1, 2010
23. Mentor to high school student: Shannon McGue, 11th grade at the Academic Magnet High School, as part of her Senior Thesis Project. Responsible professor: Robert Witz. Topic: “CT guided lung biopsies: risk factors for complications”, 2009/2010.

Major Clinical Activities in the Academic Practice

1. Vascular and Interventional Radiology Procedures, guided by Fluoroscopy, Computed Tomography and Ultrasound.
2. Clinical Consultation. Organizer of the Vascular & Interventional Radiology clinic at Ambulatory area, Ashley River Tower, MUSC. This is the first VIR clinic with exclusive time dedicated only for consultations. November 2010.
3. Ward rounds with VIR fellows.

Honors and Awards

Best Doctors of America, 2009-2010.

Oral & Poster Scientific Meetings Presentations

1. **Guimarães M**, Cruz R, Giestera R, Verri J, “Risk Factors of the Prolonged Mechanical Ventilation as a complication after Coronary Artery Bypass”. 5th Cardiovascular Surgery Society meeting, Porto Alegre, Brazil, May 1996.
2. **Guimarães M**, Schmidt A, Perla A, Brodt C, Ramos J, “Use of episiotomy in the Hospital de Clínicas de Porto Alegre: indication or routine and its Association with post delivery complications - Preliminary results”. Hospital de Clínicas Scientific Meeting, Porto Alegre, Brazil, August 1996.
3. **Guimarães M**, Schmidt A, Perla A, Brodt C, Ramos J, “Benefits of Episiotomy at the Hospital de Clínicas de Porto Alegre – evaluation of 514 cases”. 47th Brazilian Congress of Gynecology, Rio de Janeiro, Brazil, May 1997.
4. Isaia C, **Guimarães M**, Lordelo E, “Five years experience in Uterine tube Video laparoscopy”. Presented by Dr. Isaia, World Congress of Gynecologic Endoscopy, Rome, Italy, June 1997.
5. **Guimarães M**, Collares M, Pinto R, Chem R, Casagrande C, Kuyen C. “Oculopharyngeal Muscular Dystrophy: report of 3 cases”. 15th Digestive Surgery Meeting, Porto Alegre, Brazil, October 1997.
6. **Guimarães M**, Collares M, Pinto R, Ferreira N, Chem R, Casagrande C, “Orbital Decompression in Ocular Graves Disease”. 4th Brazilian Congress of Plastic Surgery, Porto Alegre, Brazil, April 1998.
7. Gurski R, Krueel C, Schirmer C, **Guimarães M**, Cavazzola L, Padoin A. “Total Gastrectomy for the treatment of Gastric Adenocarcinoma”. 8th Brazilian Congress of Digestive Surgery, São Paulo, Brazil, June 1998.
8. Gurski R, Krueel C, Schirmer C, **Guimarães M**, Cavazzola L, Padoin A, Telles J, “Surgical treatment of Esophageal Carcinoma - Experience of the Digestive System Surgery Group”. Hospital de Clínicas Annual Scientific Meeting, Porto Alegre, Brazil, August 1998.
9. Krueel C, Gurski R, Schirmer C, **Guimarães M**, Cavazzola L, Padoin A, Telles J, “Early surgical treatment of the Gastric Carcinoma - Experience of the Digestive System Surgery Group”. Hospital de Clínicas Annual Scientific Meeting, Porto Alegre, Brazil, August 1998.
10. Krueel C, Gurski R, Schirmer C, **Guimarães M**, Cavazzola L, Padoin A, Telles J, “Cardia Adenocarcinoma treatment – Experience of the Digestive System Surgery Group”. Hospital de Clínicas Annual Scientific Meeting, Porto Alegre, Brazil, August 1998.

11. **Guimarães M**, Krueel C, Gurski R, Schirmer C, Cavazzola L, Padoin A, Telles J, “Lymph nodal dissection as a prognostic factor for the Gastric Adenocarcinoma”. 23th Brazilian Congress of Surgery, Rio de Janeiro, Brazil, September 1999.
12. **Guimarães M**, Krueel C, Gurski R, Schirmer C, Cavazzola L, Padoin A, Telles J, “Results of the Surgical Treatment of Gastric Adenocarcinoma”. 23th Brazilian Congress of Surgery, Rio de Janeiro, Brazil, September 1999.
13. Zmyj A, Gonçalves N, Bezerra L, **Guimarães M**, Borba P. “Albers-Schönberg Disease (Osteopetrosis): presentation of 5 cases and literature review”. XIV North-East Radiology Meeting, Fortaleza, Brazil, August 2001.
14. Pinheiro S, **Guimarães M**, Abath C, Brito N, Marques R. “Massive Pulmonary Artery Embolism: Endovascular Therapy and literature review”. IV Annual SOBRICE Meeting, Rio de Janeiro, Brazil, October 2001.
15. **Guimarães M**, Pinheiro S, Abath C, Brito N, Marques R. “Carotid Artery Stents: Clinical and Ultrasound Doppler Follow up”. IV Annual SOBRICE Meeting, São Paulo, Brazil, October 2001.
16. **Guimarães M**, Loureiro R, Souza B, Borba P. “Image guided percutaneous sclerotherapy of symptomatic simple renal cysts – a non surgical alternative of treatment”. 30th Brazilian Congress of Radiology, Curitiba, Brazil, November 2001.
17. **Guimarães M**, Abath C, Brito N, Marques R. “Presentation of cases regarding Vascular and Interventional Radiology”. Angiography Club, V Annual SOBRICE Meeting, São Paulo, Brazil, November 2002.
18. **Guimarães M**, Selby JB, Hannegan C, Uflacker R. “Presentation of Vascular and Interventional Radiology cases”. Angio Club, Charleston, South Carolina, October 2003.
19. **Guimarães M**, Uflacker R, Selby JB, Hannegan C. “Successful venous access service - Review of 4500 cases”. VI Annual SOBRICE Meeting, São Paulo, Brazil, November 2003.
20. **Guimarães M**, Uflacker R, Selby JB, Hannegan C. “Successful percutaneous treatment of Benign Biliary Stenosis”. VI Annual SOBRICE Meeting, São Paulo, Brazil, November 2003.
21. **Guimarães M**, Hannegan C, Schonholz C, Uflacker R, Selby JB, “Presentation of Vascular and Interventional Radiology cases”. Angio Club, Charleston, South Carolina, March 2004.

22. **Guimarães M**, Schonholz C, Uflacker R, Selby JB, Hannegan C, “Presentation of Vascular and Interventional Radiology cases”. Angio Club, Charleston, South Carolina, June 2004.
23. **Guimarães M**, Uflacker R, Selby JB, Hannegan C, Schonholz C. “Transjugular Intrahepatic Porto-Systemic Shunt (TIPS): comparative study between bare stent and stent-graft”. VII Annual SOBRICE Meeting, Rio de Janeiro, Brazil, October 2004.
24. **Guimarães M**, Uflacker R, Selby JB, Hannegan C, Schonholz C. “New Technologies for the endovascular treatment of peripheral vascular disease”. VII Annual SOBRICE Meeting, Rio de Janeiro, Brazil, October 2004.
25. **Guimarães M**, Uflacker R, Selby JB, Hannegan C, Schonholz C. “Percutaneous Use of Closure Devices in the Removal of Central Venous Catheter Accidentally Inserted in Artery”. VII Annual SOBRICE Meeting, Rio de Janeiro, Brazil, October 2004.
26. **Guimarães M**, Uflacker R, Schonholz C, Hannegan C, Selby JB, “Presentation of cases regarding Vascular and Interventional Radiology”. Angiography Club, VII Annual SOBRICE Meeting, Rio de Janeiro, Brazil, October 2004.
27. Hubbard J, **Guimarães M**, Schonholz C. “Prediction of Changes in Hemoglobin, levels Following Transjugular Biopsy Based Upon PT, PTT, and INR”. Presented by Dr. Hubbard, RSNA, Chicago, Illinois, November 2004.
28. Schönholz C, Krajcer Z, Parodi J, Mendaro E, , Hannegan C, Selby B, **Guimarães M**, Uflacker R. “Stent-Graft Experience for Carotid Artery Lesions: report on 20 patients”. Presented by Dr. Schonholz, International Congress on Endovascular Interventions, Phoenix, Arizona, February 2005.
29. **Guimarães M**, Uflacker R, Selby JB, Hannegan C, Schonhloz C. “Percutaneous Use of Closure Devices in the Removal of Central Venous Catheter Accidentally Inserted in Artery”. SIR Meeting New Orleans, Louisiana, March 2005.
30. **Guimarães M**, Uflacker R, Hannegan C, Gordon, Obeid L, Harley R. “Intra-muscular use of Sphingosine-1-phosphate for Angiogenesis in Rabbit Ischemic hind limb - Pilot Study”. Peripheral Vascular Disease Scientific Session, Society of Interventional Radiology (SIR) Meeting, New Orleans, Louisiana, March 2005.
31. Schonholz C, Uflacker R, Selby JB, Hannegan C, **Guimarães M**. “Common carotid dissection produced by the guiding sheath during carotid stenting”. Presented by Dr Schonholz, Endovascular Summit 2005 Meeting, Jackson Hole, Wyoming, August 2005.
32. **Guimarães M**, Uflacker R, Hannegan C, Gordon, Obeid L, Harley R. “Use of Sphingosine-1-phosphate for Angiogenesis in Rabbit Ischemic hind limb – Final

- results”. Peripheral Vascular Disease Scientific Session, Cardiovascular and Interventional Radiology Society of Europe, Nice, France, September 2005.
33. **M Guimarães**, R Uflacker, C Schönholz, C Hannegan, B Selby Jr. “Diagnosis and endovascular treatment of Acute and Chronic Mesenteric Ischemia”. Brazilian Congress of Vascular Surgery, Porto Alegre, Brazil, September 2005.
 34. **M Guimarães**, C Schönholz R Uflacker, C Hannegan, B Selby Jr. “New Technologies for the endovascular treatment of peripheral vascular disease”. Brazilian Congress of Vascular Surgery, Porto Alegre – Brazil, September 2005.
 35. **M Guimarães**, F Torres, A Chedid, A Furtado, “Early post operative liver transplantation arterial stenosis treatment with stent placement”. VIII Annual SOBRICE meeting, São Paulo, Brazil, November 2005.
 36. **M Guimarães**, P Sanvitto, R Marroni, L Herter, “Diffuse Uterine Fibroid Embolization in a patient with intra-uterine device: case report”. VIII Annual SOBRICE meeting, São Paulo, Brazil, November 2005.
 37. Kalakun CK, **Guimarães M**. “Trifasic Helical Computed Tomography is capable of diagnosing Hepatocellular Carcinoma vascular invasion? 36th Paulista Radiology Meeting, São Paulo, Brazil, April, 2006.
 38. **Guimarães M**. “Presentation of cases regarding Vascular and Interventional Radiology”. Angiography Club, IX Annual SOBRICE Meeting, São Paulo, Brazil, October 2006.
 39. **Guimarães M**, Saitovitch D, Kalil M, Eick R, Lutzky M. “Vascular & Interventional Radiology in Nephrology: Translumbar tunneled dialysis catheter for hemodialysis”. XXII Brazilian Congress of Nephrology, Gramado, Brazil, October 2006.
 40. **Guimarães M**, Lutzky M, Eick R, Saitovitch D, Kalil M. “Vascular & Interventional Radiology in Nephrology: Management of Acute Thrombosis and Stenosis in A-V Fistulas”. XXII Brazilian Congress of Nephrology, Gramado, Brazil, October 2006.
 41. **Guimarães M**, Eick R, Kalil M, Lutzky M, Saitovitch D. “Vascular & Interventional Radiology in Nephrology: Long-term catheters for hemodialysis”. XXII Brazilian Congress of Nephrology, Gramado, Brazil, October 2006.
 42. **Guimarães M**, Berdichevsky R. “Bilateral Renal Artery Stenosis: diagnosis, treatment and results”. XXII Brazilian Congress of Nephrology, Gramado, Brazil, October 2006.
 43. Torres F, Hickmann J, Stein N, Agnolin R, Luersen G, Wagner F, Casagrande A, Feldens J, Lohmann J, Anes M, **Guimarães M**, Furtado A. “Myocardium bridge: evaluation under multidetector CTA”. XVIII Annual Radiology Meeting, Gramado, Brazil, August 2007.

44. **M Guimarães**, P Sanvitto, N Brandão da Silva. "Combined Endovascular Techniques in the percutaneous treatment of iliac-caval thrombus". X Annual SOBRICE meeting, São Paulo, Brazil, November 2007.
45. **M Guimarães**, G Luersen, Marcelo Gazzana, S Barreto, A Porto Alegre. "Percutaneous treatment of acute pulmonary embolism". X Annual SOBRICE meeting, São Paulo, Brazil, November 2007.
46. **M Guimarães**, P Sanvitto. Presentation of Vascular cases. VII International Course "Hands-on" in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
47. **Guimarães M**, Uflacker R, Selby JB, Schonholz C, Hannegan C. Poster presentation: "Successful Recanalization of Bile Duct Occlusion with Radiofrequency Puncture Wire Technique. 2009 SIR 34th Annual Scientific Meeting in San Diego, California. March 10, 2009.
48. **Guimarães M**, Schonholz C, Uflacker R. Presentation in Carotid artery stenting and neuro interventions: "GORE EMPiRE clinical trial results using the Gore flow reversal system during carotid artery stenting", presented at the CIRSE meeting 2009, Lisbon/Portugal, September 29, 2009.
49. **Guimarães M**, Uflacker R, Schonholz C, Hannegan C, Selby JB. Poster: Successful recanalization of chronic benign central venous occlusion with radiofrequency puncture wire technique. CIRSE (Cardiovascular and Interventional Radiological Society of Europe) 2009. Lisbon, Portugal. September 19-23, 2009. Abstract printed in CIRSE 2009 Programme, page 126.
50. **Guimarães M**, Uflacker A, Schonholz C, Uflacker R, Selby JB, Hannegan C. Poster: Successful recanalization of bile duct occlusion with radiofrequency (RF) puncture wire technique. CIRSE (Cardiovascular and Interventional Radiological Society of Europe) 2009. Lisbon, Portugal. September 19-23, 2009. Abstract printed in CIRSE 2009 Programme, page 110.
51. Schönholz C, Uflacker R, **Guimarães M**. Abstract: Tips, Tricks And Precautions For Using Cyanoacrylate Glue As An Embolic Agent, VEITH Symposium (Vascular and Endovascular Issues, Techniques, Horizons), New York, NY. November, 2008.
52. **Guimarães M**, Uflacker R, Schonholz C, Hannegan C, Selby JB. Poster: Successful recanalization of chronic benign central venous occlusion with radiofrequency puncture wire technique. CIRSE (Cardiovascular and Interventional Radiological Society of Europe) 2009. Lisbon, Portugal. September 19-23, 2009. Abstract printed in CIRSE 2009 Programme, page 376-377.

53. **Guimarães M**, Uflacker A, Schonholz C, Uflacker R, Selby JB, Hannegan C. Poster: Successful recanalization of bile duct occlusion with radiofrequency (RF) puncture wire technique. CIRSE (Cardiovascular and Interventional Radiological Society of Europe) 2009. Lisbon, Portugal. September 19-23, 2009. Abstract printed in CIRSE 2009 Programme, page 432.
54. Schonholz C, Uflacker R, **Guimarães M**, on behalf of the EMPiRE investigators. Free papers presentation in Carotid artery stenting and neuro interventions: "GORE EMPiRE clinical trial results using the Gore flow reversal system during carotid artery stenting", presented at the CIRSE meeting 2009, Lisbon/Portugal, on September 29th. Abstract printed in CIRSE 2009 Programme, page 288.
55. Uflacker R, Fortes M, **Guimarães M**, Morgan KA, Adams DB. "Autologous pancreatic islet cell autotransplantation following total pancreatectomy: A modified approach". Annual Scientific Meeting Program for SIR 2010 (Society of Interventional Radiology Annual Meeting in Tampa Florida. Abstract published in Journal of Vascular and Interventional Radiology Supplement, Feb 2010, Vol 21, #2S, Abstract #168, p. S65.
56. **Guimarães M**, Uflacker R, Schonholz C, Hannegan C, Selby, B. "Successful recanalization of chronic benign central venous occlusion with radiogrequency puncture wire technique". Annual Scientific Meeting Program for SIR 2010 (Society of Interventional Radiology Annual Meeting in Tampa Florida. Abstract published in Journal of Vascular and Interventional Radiology Supplement, Feb 2010, Vol 21, #2S, Abstract #183, pp. S70-S71.
57. R. Uflacker, K. Morgan, D. Adams, **Guimarães M**. Autologous pancreatic islet cell autotransplantation following total pancreatectomy: a modified approach. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. Presented October 3, 2010.
58. **M Guimarães**, R. Uflacker, C. Schonholz, B. Selby Jr, C. Hannegan. Long term results of successful recanalization of symptomatic chronic benign central venous occlusion with radiofrequency (RF) puncture wire technique. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. Presented October 3, 2010.
59. **M Guimarães**, R. Uflacker, C. Schonholz, C. Hannegan, B. Selby Jr. New coil evaluation in animal model multiorgan embolization. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. Presented October 4, 2010.
60. **M Guimarães**, C. Schonholz, R. Uflacker, C. Hannegan, B. Selby Jr. Embolization strategies to achieve occlusion of high-flow splenic artery in a hypocoagulable state patient. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 2-6, 2010.

61. **M Guimarães** , R. Uflacker, C. Schonholz, B. Selby Jr., C. Hannegan. Use of image fusion and navigation system in non-vascular percutaneous thoracic and abdominal interventional radiology procedures. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 2-6, 2010.

Lectures & Presentations

1. "Current Applications of Vascular and Interventional Radiology". Surgery - Radiology Depts. Meeting, Hospital de Clínicas, Porto Alegre, Brazil, October 2003.
2. "New Applications of Interventional Radiology in Gastroenterology and Hepatology". Society of Gastroenterology of Rio Grande do Sul, Porto Alegre, Brazil, October 2004.
3. "Update in AAA stent-grafts". Radiology Grand Rounds Conference, Louisiana State University Health Sciences, Shreveport, Louisiana, December 2004.
4. "Update in Carotid Artery Stent". Radiology Grand Rounds Conference, Wake Forest Medical University, Winston-Salem, North Carolina, March 2005.
5. "Vascular and Interventional Radiology Service at the Hospital Moinhos de Vento". Hospital Administration, Hospital Moinhos de Vento, Porto Alegre, Brazil, July 2005.
6. "Interventional Radiology in Liver Transplantation". Transplant Surgery Service, Hospital de Clínicas, Porto Alegre, Brazil, July 2005.
7. "Applications of Interventional Radiology in General Surgery". Department of General Surgery, Hospital de Clínicas, Porto Alegre, Brazil, July 2005.
8. "Vascular and Interventional Radiology for Intensive Care Unit patients". Intensive Therapy Service, Hospital Moinhos de Vento, Porto Alegre, Brazil, August 2005.
9. "Percutaneous Revascularization of the Lower Limbs". Endovascular Revascularization Symposium, Hospital Moinhos de Vento, Porto Alegre, Brazil, August 2005.
10. "Radio-frequency ablation in the Percutaneous Treatment of the Hepatocellular Carcinoma". II Workshop in Hepato-Biliary Pancreatic Surgery, Hospital da Santa Casa, Porto Alegre, Brazil, September 2005.
11. "Male and Female Varicocele Percutaneous Treatment". Embolization 2005 – Solutions in Embolotherapy, Hospital Vera Cruz, Campinas, Brazil, October 2005.

12. "Percutaneous Treatment Hepatic Tumors". Embolition 2005 – Solutions in Embolotherapy, Hospital Vera Cruz, Campinas, Brazil, October 2005.
13. "Gastrointestinal Bleeding". Embolition 2005 – Solutions in Embolotherapy, Hospital Vera Cruz, Campinas, Brazil, October 2005.
14. "The Embolic Agents: Gelfoam, PVA and Microspheres". Embolition 2005 - Solutions in Embolotherapy, Hospital Vera Cruz, Campinas, Brazil, October 2005.
15. "Endovascular Management of vascular trauma. What is important to know?". VIII Annual SOBRICE meeting, São Paulo, Brazil, November 2005.
16. "Management of Upper and Lower Gastrointestinal Bleeding. What is important to know?". VIII Annual SOBRICE meeting, São Paulo, Brazil, November 2005.
17. "Management of Trans-hepatic Portal-Systemic Shunt complications". VIII Annual SOBRICE meeting, São Paulo, Brazil, November 2005.
18. "Percutaneous Interventions in Hepatic-Biliary Disease". Gastroenterology Service, Hospital de Clínicas, Porto Alegre, Brazil, November 2005.
19. "TIPS in Portal Hypertension: when is it indicated?". International Workshop: Therapeutic Interventions in Hepatic-Biliary Disease, Hospital de Clínicas, Porto Alegre, Brazil, November 2005.
20. "Hepatocellular carcinoma – Minimally Invasive Therapies". International Workshop: Therapeutic Interventions in Hepatic-Biliary Disease, Hospital de Clínicas, Porto Alegre, Brazil, November 2005.
21. "Interventional Radiology in the Treatment of Benign Biliary Stenosis". International Workshop: Therapeutic Interventions in Hepatic-Biliary Disease, Hospital de Clínicas, Porto Alegre, Brazil, November 2005.
22. "Vascular and Interventional Radiology for Hematology & Oncology Patients". Oncology Service, Hospital Moinhos de Vento, Porto Alegre, Brazil, December 2005.
23. "Vascular and Interventional Radiology for the ER patient". Emergency Service, Hospital de Clínicas, Porto Alegre, Brazil, December 2005.
24. "CT and US Guided Percutaneous Interventional Procedures – The role of Nurses and Radiology Technicians for successful outcomes", 3 days course, Hospital de Clínicas, Porto Alegre, Brazil, February 2006.
25. "Carotid Artery Percutaneous Angioplasty: trials and results". Interventional Radiology & Cardiology Symposium, Goiânia, Brazil, March 2006.

26. "Renal artery angioplasty. What is needed to know?". Interventional Radiology & Cardiology Symposium, Goiânia, Brazil, March 2006.
27. Edited cases session: "Challenging Cases in Endovascular Therapy". III Symposium of Endovascular Therapy, Cardiology Institute, Porto Alegre, Brazil, March 2006.
28. "Vascular and Interventional Radiology Procedures – The role of Nurses and Radiology Technicians for successful outcomes", 3 days course, Hospital de Clínicas, Porto Alegre, Brazil, March 2006.
29. "Vascular and Interventional Radiology for Breast Cancer Patients". Breast Cancer Group, Hospital Moinhos de Vento, Porto Alegre, Brazil, June 2006.
30. "Advanced Interventional Radiology Therapies". XII Nursing Meeting, Hospital de Clínicas, Porto Alegre, Brazil, July 2006.
31. "Peripheral Endovascular Interventions". Annual SOLACI (Latin-American Society of Interventional Cardiology) Meeting, Porto Alegre, Brazil, July 2006.
32. "Interventional Radiology in Adrenal Gland Disease". Endocrinology and Metabolism Congress, IV Obesity Symposium of MERCOSUL, Gramado, Brazil, July 2006.
33. "Triple Rule-Out CTA in the chest pain evaluation at the ER". ER Vascular Unit Symposium, Hospital de Clínicas, Porto Alegre, Brazil, July 2006.
34. "Visceral & Peripheral Endovascular Interventions", COOK Medical Incorporated, Porto Alegre, Brazil, July 2006.
35. "Uterine Fibroid Embolization: What the Gynecologist should know". Women's Health Service, Hospital Moinhos de Vento, Porto Alegre, Brazil, August 2006.
36. "Vascular & Interventional Radiology in Pediatric Patients", Pediatric Surgery Conference, Hospital de Clínicas, Porto Alegre, Brazil, August 2006.
37. "Vascular and Interventional Radiology Unit – Past, Present and Future". Hospital Administration, Hospital de Clínicas, Porto Alegre, Brazil, October 2006.
38. "New Technologies in Carotid Angioplasty". Update in Stroke – Neuro-Vascular Meeting, Hospital de Clínicas, Porto Alegre, Brazil, November 2006.
39. "Update in Tumor radio-frequency ablation". Radio-frequency Ablation Work-shop, IX Annual SOBRICE Meeting, São Paulo, Brazil, November 2006.
40. "Update in Liver Chemoembolization". The Sanctuary of Endovascular. Second Annual Conference, Kiawah Island, SC, February 2007.

41. "The Particles: Gelfoam, PVA and Microspheres". Embolution 2007 – International Symposium. São Paulo, Brazil, October 2007.
42. "The Conductors: Catheters & Microcatheters". Embolution 2007 – International Symposium. São Paulo, Brazil, October 2007.
43. "Applications of Embolotherapy in Urology". Embolution 2007 – International Symposium. São Paulo, Brazil, October 2007
44. "Applications of Embolotherapy in Trauma". Embolution 2007 – International Symposium. São Paulo, Brazil, October 2007
45. "State of the Art: Carotid Stenting". VII International Course “Hands-on” in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
46. “Hepatic Interventional Oncology”, VII International Course “Hands-on” in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
47. “COOK - Vascular Procedures Workshop”, VII International Course “Hands-on” in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
48. " State of the Art: Carotid Stenting". VII International Course “Hands-on” in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
49. "Interventional Radiology – Basic Principles”. ACE- Endovascular surgery and angioradiology course”, Florianópolis, Brazil, December 2007.
50. "Update in Fibroid Embolization”. ACE- Endovascular surgery and angioradiology course”, Florianópolis, Brazil, December 2007.
51. "Update in Liver Cancer Embolization”. ACE- Endovascular surgery and angioradiology course”, Florianópolis, Brazil, December 2007.
52. "Anatomy of the supra-aortic vessels and intra-cranial circulation”. The Sanctuary of Endovascular. Third Annual Conference, Kiawah Island, SC, February 2008.
53. “Subintimal femoral artery recanalization”. MUSC Hospital, April, 2008.
54. “Mechanical and Pharmacological Thrombolytic therapy”. MUSC Hospital, April, 2008.

55. "Interventional Radiology Applications in Urology", Urology Grand Rounds, MUSC Hospital, Charleston/SC, August, 2008.
56. New Embolic Agents: Vascular Plugs and Drug-eluting beads. Embolition 2008 – International Symposium. Sao Paulo, Brazil, August 2008.
57. CO2 as a contrast medium. Embolition 2008 – International Symposium. Sao Paulo, Brazil, August 2008.
58. Pulmonary embolism fibrinolysis. When and How to perform. Embolition 2008 – International Symposium. Sao Paulo, Brazil, August 2008.
59. Inferior Vena Cava filter. State of the Art. Embolition 2008 – International Symposium. Sao Paulo, Brazil, August 2008.
60. VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. "Management of Peripheral Vascular Disease". Buenos Aires, Argentina. November 9, 2008.
61. VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. "Uterine fibroid embolization – Where are we?", Buenos Aires, Argentina. November 9, 2008.
62. VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. Debate: "Treatment of Carotid Stenosis: I prefer carotid stenosis treatment with stent". Buenos Aires, Argentina. November 10th, 2008.
63. VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. "Presentation and discussion of endovascular intervention cases"). Buenos Aires, Argentina. November 9th, 2008.
64. "Percutaneous management AV fistulas and grafts for hemodialysis". SOBRICE 2008, Costa do Sauipe, Bahia, Brazil. November 21st, 2008.
65. Endocrine Grand Rounds, 12/11/08, "Adrenal Venous Sampling", MUSC hospital.
66. "Radio frequency ablation in HCC". The Sanctuary of Endovascular Therapy meeting. Kiawah Island, South Carolina. February 19, 2009.
67. "Carotid stenting. Distal protection devices". The Sanctuary of Endovascular Therapy meeting. Kiawah Island, South Carolina. February 20, 2009.
68. "Innovation in stent technology". The Sanctuary of Endovascular Therapy meeting. Kiawah Island, South Carolina. February 21, 2009.

69. "Management of peripheral and large vessels trauma". Embolition 2009. Sao Paulo, Brazil. August 26, 2009.
70. "Pelvic Trauma". Embolition 2009. Sao Paulo, Brazil. August 26, 2009.
71. "Infra-inguinal obstruction: subintimal recanalization technique". Embolition 2009. Sao Paulo, Brazil. August 26, 2009. Embolition 2009. Sao Paulo, Brazil. August 27, 2009.
72. "New stent technology. What is coming next?". Embolition 2009. Sao Paulo, Brazil. August 26, 2009. Embolition 2009. Sao Paulo, Brazil. August 27, 2009.
73. "Venous access: Avoiding complications and post-procedure care". Embolition 2009. Sao Paulo, Brazil. August 26, 2009. Embolition 2009. Sao Paulo, Brazil. August 27, 2009.
74. "How to recanalize AV-grafts". Embolition 2009. Sao Paulo, Brazil. August 26, 2009. Embolition 2009. Sao Paulo, Brazil. August 28, 2009.
75. "Use of Radiofrequency puncture wire in central chronic venous occlusions". Embolition 2009. Sao Paulo, Brazil. August 26, 2009. Embolition 2009. Sao Paulo, Brazil. August 28, 2009.
76. "Carotid artery angioplasty. Ten practical tips". Embolition 2009. Sao Paulo, Brazil. August 26, 2009. Embolition 2009. Sao Paulo, Brazil. August 28, 2009.
77. "Present State of Femuro-Popliteal Revascularization." Jornada de Angiologia y Cirugia Cardiovascular. Buenos Aires, Argentina. October 27, 2009.
78. "Update: Thoracic Aorta Aneurysm." Jornada de Angiologia y Cirugia Cardiovascular. Buenos Aires, Argentina. October 27, 2009.
79. "Endovascular Recanalization of the Infrapopliteal segment: Results and Evaluation of Trials." Jornada de Angiologia y Cirugia Cardiovascular. Buenos Aires, Argentina. October 27, 2009.
80. "Utility of Transcranial Ecodoppler in Carotid Stenting." Jornada de Angiologia y Cirugia Cardiovascular. Buenos Aires, Argentina. October 28, 2009.
81. "Management of Peripheral Vascular Disease". CURSO (Cirugia Invasiva Minima y Radiologia Intervencionista). Buenos Aires, Argentina. October 31, 2009.
82. "Endovascular Treatment of Uterine Fibroids. Where are we standing?" CURSO (Cirugia Invasiva Minima y Radiologia Intervencionista). Buenos Aires, Argentina. November 1, 2009.

83. "Stents: Technological Innovations". SOBRICE (Sociedade Brasileira de Radiologia Intervencionista e Cirurgia Endovascular). São Paulo, Brazil. November 4, 2009.
84. "Central Venous Occlusion and Biliary Guidewire RF Recanalization". SOBRICE (Sociedade Brasileira de Radiologia Intervencionista e Cirurgia Endovascular). São Paulo, Brazil. November 5, 2009.
85. "Transcranial Doppler in Carotid Stenting". SOBRICE (Sociedade Brasileira de Radiologia Intervencionista e Cirurgia Endovascular). São Paulo, Brazil. November 6, 2009.
86. "Percutaneous Biliary Drainage". Congreso Internacional de Intervencionismo Vascular y No Vascular. Cancun, Mexico. November 12, 2009.
87. "Utility of Radiofrequency Ablation for Recanalization of Biliary Obstructions of the Anastomosis". Congreso Internacional de Intervencionismo Vascular y No Vascular. Cancun, Mexico. November 12, 2009.
88. "Endovascular techniques in abdominal trauma." Congreso Internacional de Intervencionismo Vascular y No Vascular. Cancun, Mexico. November 14, 2009.
89. "Combined Hepatic Chemoembolization and Radiofrequency Ablation in the treatment of HCC". Congreso Internacional de Intervencionismo Vascular y No Vascular. Cancun, Mexico. November 15, 2009.
90. Presenter: Angiography Journal Club. Charleston, South Carolina. January 26th, 2010, 3 hours session.
91. Case presentation: "RF wire in the recanalization of central venous chronic occlusion". Sanctuary of Endovascular Therapy. Kiawah Island, South Carolina. February 18, 2010.
92. PVA Microparticles. International Congress of Endovascular Interventions - Embophoenix 2010. Phoenix, Arizona. February 27, 2010.
93. Microspheres. International Congress of Endovascular Interventions - Embophoenix 2010. Phoenix, Arizona. February 27, 2010.
94. Onyx. International Congress of Endovascular Interventions - Embophoenix 2010. Phoenix, Arizona. February 27, 2010.
95. Hands-on Embolization presentation. International Congress of Endovascular Interventions - Embophoenix 2010. Phoenix, Arizona. February 27, 2010.

96. Application of Amplatzer Vascular Plug in trauma cases. Hands-on Course at Society of Interventional Radiology (SIR) Meeting. Tampa, Florida. March 15 and 16th, 2010.
97. Hands-on experience with the participants using our demonstration models. Hands-on Course at Society of Interventional Radiology (SIR) Meeting. Tampa, Florida. March 15 and 16th, 2010.
98. Successful recanalization of chronic benign central venous occlusion with radiofrequency puncture wire technique. Society of Interventional Radiology (SIR) Meeting. Tampa, Florida. March 17, 2010.
99. Presenter: Angiography Journal Club. Charleston, South Carolina. April 14th, 2010, 3 hours session.
100. "AZUR coils in peripheral applications. MUSC experience". GEST meeting, San Francisco, California. May 6, 2010.
101. Hands-on Course: "Coils in Embolotherapy", Global Embolization Symposium and Technologies (GEST) meeting, San Francisco, May 6-8th 2010, 7 h of hands-on course divided into 3 days.
102. "New Coil Evaluation in Animal Model Multiorgan Embolization" at the Global Embolotherapy Symposium and Technologies (GEST) meeting. San Francisco, California. May 7, 2010.
103. "Radiology of A-V Grafts and Fistulas". Nephrology Grand Rounds. Medical University of South Carolina, Charleston, South Carolina. June 16, 2010.
104. "Peripheral Endovascular Interventions at the MUSC Heart & Vascular Center". Cardiology Grand Rounds. Medical University of South Carolina, Charleston, South Carolina. June 18, 2010.
105. "Interventional Radiology Applications for Clinicians". Grand Rounds. Hospital RioMar, Rio de Janeiro, Brazil. July 9, 2010.
106. "Vascular and Interventional Radiology Procedures - State of the Art". Grand Rounds. Hospital RioMar, Rio de Janeiro, Brazil. July 9, 2010.
107. "Combined therapies for HCC: chemoembolization and CT guided ablation". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 4, 2010.
108. "Thoracic and vascular trauma". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 4, 2010.

109. "RF wire in the recanalization of bile ducts and chronic venous central occlusions". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 4, 2010.
110. "Endovascular management of peripheral vascular disease". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 4, 2010.
111. "State of the ART: femoro-popliteal arteries endovascular recanalization". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 5, 2010.
112. "Inferior Vena Cava filter". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 5, 2010.
113. "Peripheral embolizations: material and techniques". Congreso Colombiano de Radiologia. Cartagena, Colombia. August 5, 2010.
114. "Development of PVD screening program among the dialysis patients". Nephrology Grand Rounds. Medical University of South Carolina. Charleston, South Carolina. August 9, 2010. 12:00 – 1: 00 p.m.
115. "Case #7: Vascular Plugs". International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 24, 2010.
116. "Case #28: Priapism". International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 25, 2010.
117. "Peripheral Vessel Trauma". International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 26, 2010.
118. "Embolization in hypercoagulable and high-flow lesions". International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 26, 2010.
119. "Management of Endoleak type II". International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 26, 2010.
120. "Endovascular management of massive pulmonary embolism". Jornadas de Cirurgia Minimamente Invasiva conference. Patagonia, Argentina, September 15, 2010.
121. "Endovascular management of Mesenteric ischemia". Jornadas de Cirurgia Minimamente Invasiva conference. Patagonia, Argentina, September 16, 2010.
122. "Management of Peripheral Vascular Disease". Jornadas de Cirurgia Minimamente Invasiva conference. Patagonia, Argentina, September 16, 2010.

123. Live case presentation/performance: “Left renal artery aneurysm embolization in a monorenal patient”. Jornadas de Cirugía Minimamente Invasiva conference. Patagonia, Argentina, September 16, 2010.
124. “AAA stent-graft”. Jornadas de Cirugía Minimamente Invasiva conference. Patagonia, Argentina. September 17, 2010.
125. “IR in Latin America: where do we stand?” CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 3, 2010.
126. “Successful recanalization of symptomatic chronic benign central venous occlusion with radiofrequency (RF) puncture wire technique”. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 3, 2010.
127. “New coil evaluation in animal model multiorgan embolization”. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 4, 2010.
128. Lecture: Plugs Vasculares/Vascular Plugs. CURSO Hands on 2010 (En Cirugía Invasiva Mínima y Radiología Intervencionista). Buenos Aires, Argentina. November 4, 2010.
129. Lecture: Quimioembolización combinada con ablación/TACE associated with ablation. CURSO Hands on 2010 (En Cirugía Invasiva Mínima y Radiología Intervencionista). Buenos Aires, Argentina. November 4, 2010.
130. Lecture: AAA stent-graft: embolicaciones pre y pos-op/Pre and postoperative AAA stent-graft embolization. CURSO Hands on 2010 (En Cirugía Invasiva Mínima y Radiología Intervencionista). Buenos Aires, Argentina. November 4, 2010.
131. Lecture: Transplante de islotes pancreáticos pos-pancreatectomía total/Pancreatic islet cells transplant. CURSO Hands on 2010 (En Cirugía Invasiva Mínima y Radiología Intervencionista). Buenos Aires, Argentina. November 4, 2010.
132. Loco-regional Therapy for HCC -- Combined therapies for HCC: chemoembolization and CT guided ablation. RSNA (Radiological Society of North America) Conference. Chicago, Illinois. December 2, 2010.

Workshops & Course Director/Moderator/Chairman

1. Chairman: “International Workshop: Therapeutic Interventions in Hepato-Biliary Disease”. Hospital de Clínicas, Porto Alegre, Brazil, November 2005.

2. Moderator: “Innovations on PTA Products and Absorbable Metal Technology”, BIOTRONIK AG, São Paulo, Brazil, December 2005.
3. Director: “CT and US Guided Percutaneous Interventional Procedures – The role of Nurses and Radiology Technicians for successful outcomes”, 3 days course, Hospital de Clínicas, Porto Alegre, Brazil, February 2006.
4. Director: “Vascular and Interventional Radiology Procedures – The role of Nurses and Radiology Technicians for successful outcomes”, 3 days course, Hospital de Clínicas, Porto Alegre, Brazil, March 2006.
5. Moderator and presentation: “Update in Tumor radio-frequency ablation”. Radio-frequency Ablation Work-shop, IX Annual SOBRICE Meeting, São Paulo, Brazil, November 2006.
6. Chairman: Update in Stroke – Neuro-Vascular Meeting, Hospital de Clínicas, Porto Alegre, Brazil, November 2006.
7. Proctor: "Embolotherapy Training – Hands-on in the Animal Laboratory". Embolization 2007 – International Symposium. São Paulo, Brazil, October 2007.
8. Presentation: “Hepatic Interventional Oncology”, VII International Course “Hands-on” in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
9. Presentation: “COOK - Vascular Procedures Workshop”, VII International Course “Hands-on” in Minimally Invasive Surgery & Interventional Radiology, Buenos Aires, Argentina, October 2007.
10. Moderator and presentation: “Embolic Agents Workshop”, X Annual SOBRICE Meeting, São Paulo, Brazil, November 2007.
11. Moderator and presentation: “Venous controversies – Pulmonary Embolism e Vena Cava Filters”, X Annual SOBRICE Meeting, São Paulo, Brazil, November 2007.
12. Proctor: "Embolotherapy Training – Hands-on in the Animal Laboratory". Embolization 2008 – International Symposium. São Paulo, Brazil, August 2008.
13. Moderator: “Varicocele, Hepatocarcinoma and Uterine fibroid Embolizations – Live cases”. Embolization 2008 – International Symposium. São Paulo, Brazil, August 2008.
14. Workshop Coordinator, VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. “Symposium of Peripheral Vascular Disease”. Buenos Aires, Argentina. November 9th, 2008.

15. Endovascular workshop instructor in animal laboratory, VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. Universidad del Salvador, Buenos Aires, Argentina. November 11th, 2008.
16. Presenter and moderator of Workshop: "Hepatic Chemoembolization". SOBRICE 2008, Costa do Sauipe, Bahia, Brazil. November 21st, 2008.
17. Workshop: "Venous Access and AVF/AVG for hemodialysis". SOBRICE 2008, Costa do Sauipe, Bahia, Brazil. November 22nd, 2008.
18. Instructor and organizer of Workshop: Animal laboratory, "Interventional Radiology devices. Hands-on course." MUSC Gazes Research building, February 18th, 2009.
19. Course Director. International Symposium on Embolotherapy Techniques (Embolution) 2009. Sao Paulo, Brazil. August 24-27, 2009.
20. Moderator and presenter: Virtual Laboratory – "in vitro" devices demonstration. Embolution 2009. Sao Paulo, Brazil. August 25, 2009.
21. Moderator: Round table: developing the interventional oncology practice. Embolution 2009. Sao Paulo, Brazil. August 25, 2009.
22. Moderator: Case presentation and interactive discussion. Embolution 2009. Sao Paulo, Brazil. August 26, 2009.
23. Moderator: Symposium on Peripheral Vascular Disease. Embolution 2009. Sao Paulo, Brazil. August 27, 2009.
24. Moderator: Symposium on Thoracic disease. Embolution 2009. Sao Paulo, Brazil. August 27, 2009.
25. Moderator and presenter: Round table: Renal ATP and stenting. Embolution 2009. Sao Paulo, Brazil. August 27, 2009.
26. Moderator and presenter: Symposium on Hemodialysis. Embolution 2009. Sao Paulo, Brazil. August 26, 2009. Embolution 2009. Sao Paulo, Brazil. August 28, 2009.
27. Co-Coordinator. Workshop: "Basic Techniques in Vascular Interventional Radiology". CURSO (Cirugia Invasiva Minima y Radiologia Intervencionista). Buenos Aires, Argentina. October 30, 2009.
28. Co-Coordinator. Workshop: "Peripheral Vascular Interventional Radiology". CURSO (Cirugia Invasiva Minima y Radiologia Intervencionista). Buenos Aires, Argentina. October 30, 2009.

29. SIDI – Scientific committee, organizer of the 2009 Annual SIDI Scientific meeting. Cancun, Mexico. November 12-15, 2009.
30. Moderator. “Interventional Radiology in Oncology”. Congreso Internacional de Intervencionismo Vascular y No Vascular. Cancun, Mexico. November 15, 2009.
31. Workshop and Hands-on training: “Embolic agents and microcatheter techniques”. Lectures and animal hands-on courses for physicians from USA, at MUSC, February, 2010.
32. Moderator. Embolization Procedures. Sanctuary of Endovascular Therapy. Kiawah Island, South Carolina. February 18, 2010.
33. Moderator: Scientific Session SS05 Peripheral Vascular Interventions. Society of Interventional Radiology (SIR) Meeting. Tampa, Florida. March 14, 2010.
34. Organizer, Moderator: Angiography Journal Club. Charleston, South Carolina. April 14th, 2010, 3 hours session.
35. Workshop and Hands-on training: “Embolic agents and microcatheter techniques”. Lectures and animal hands-on courses for physicians from USA, at MUSC, June 2010.
36. Course Director. International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 23-29, 2010.
37. Moderator. Embolotherapy session. International Symposium on Embolotherapy Techniques (Embolution) 2010. Sao Paulo, Brazil. August 25-26, 2010.
38. Workshop: “Coils embolization Cook hands-on course”. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 2, 2010.
39. Workshop: “Embolization with AZUR coils. MUSC experience”. CIRSE 2010 (Cardiovascular and Interventional Radiological Society of Europe). Valencia, Spain. October 3, 2010.
40. Workshop and Hands-on training: “Embolic agents and microcatheter techniques”. Lectures and animal hands-on courses for physicians from USA, at MUSC, October 2010.
41. Course Director. International Hands-on Course and Minimally Invasive techniques – EmboAires 2010. Buenos Aires, Argentina. Nov 4, 2010.

42. Coordinator: CURSO Hands on 2010 (En Cirugía Invasiva Mínima y Radiología Intervencionista). Buenos Aires, Argentina. November 4-6, 2010.
43. Moderator: Medicina basada en evidencias/Evidence-based medicine. CURSO Hands on 2010 (En Cirugía Invasiva Mínima y Radiología Intervencionista). Buenos Aires, Argentina. November 4, 2010.

Attended Workshops & Courses

1. ATLS Course – Advanced Trauma Life Support. Cristo Redentor Hospital, Porto Alegre, Brazil, 1998.
2. Course: “ACLS - Advanced Cardiac Life Support”. MUSC Hospital, Charleston, South Carolina, 2003-2004.
3. Oncology Course, 12th Annual Advanced Interventional Management (AIM) Symposium, Albert Einstein College of Medicine, New York, New York, November 2004.
4. Vascular Imaging/Stent Grafts Course, 12th Annual Advanced Interventional Management (AIM) Symposium, Albert Einstein College of Medicine, New York, New York, November 2004.
5. Varicose Veins Course, 12th Annual Advanced Interventional Management (AIM) Symposium, Albert Einstein College of Medicine, New York, New York, November 2004.
6. “64 Slice Cardiovascular CT Imaging”, Department of Radiology, Charleston, South Carolina, June 2005.
7. Cardiac and Peripheral CTA & MRA Course, Hospital Sírio-Libanês, São Paulo, Brazil, August 2006.
8. GORE TAG Thoracic Endoprosthesis course. Philadelphia, Pennsylvania, July 24-25, 2008.
9. KYPHON Balloon Kyphoplasty Training. Roswell Surgery Center, Roswell, Georgia, June 7, 2008.
10. GORE AAA. Percutaneous approach workshop. Chicago, Illinois, October 13-14, 2008.
11. VIII CURSO de Cirugía Invasiva Mínima y Radiología Intervencionista. Universidad del Salvador, Buenos Aires, Argentina. November 8-11, 2008.

12. SOBRICE 2008, Costa do Sauipe, Bahia, Brazil. November 19-22, 2008.
13. Course: "ACLS - Advanced Cardiac Life Support". MUSC Hospital, Charleston, South Carolina, 2010.

Publications (Peer-Reviewed)

1. Teixeira C, Pinto L, Kessler F, Paixão L, Schreiner C, **Guimarães M**, Schreiner M, Gastaldo G, Fuchs F. Is the Decoction of Mango Leaves an Antihyperglycemic Tea? *Fitoterapia*. 1998; LXIX ; 2:165-68 (Italy).
2. Schonholz C, Uflacker R , Mendaro E, Parodi JC, **Guimarães M**, Hannegan C, Selby Jr B. Techniques for carotid artery stenting under cerebral protection, *Journal of Cardiovascular Surgery*, 2005, Jun; 46 (3): 201-217.
3. **Guimarães M**, Uflacker R, Schonholz C, Hannegan C, Selby JB. Stent migration complicating treatment of inferior vena cava stenosis after orthotopic liver transplantation. *J Vasc Interv Radiol*. 2005 Sep;16(9):1247-52.
4. Lake D, **Guimarães M**, Ackerman S, Hannegan C, Schonholz C, Selby JB, Uflacker R. Comparative results of Doppler sonography after TIPS using covered and bare stents. *AJR Am J Roentgenol*. 2006 Apr; 186(4):1138-43.
5. Schonholz C, Krajcer Z, Parodi JC, Mendaro E, Hannegan C, D'Agostino H, Selby B, **Guimarães M**, Uflacker M. Stent-graft Treatment of Pseudoaneurysms and Arteriovenous Fistulae in the Carotid Artery. *Vascular Journal* . 2006 May – Jun, 14 (3): 123-9.
6. **Guimarães M**, Schönholz C, Phifer T, and D'Agostino H. Endovascular Repair of a Tracheoinnominate Fistula with a Stent Graft. *Vascular*, Vol. 16, No. 5, 2008, pp. 287-290.
7. **Guimarães M**, Selby JB, Uflacker R, Schonholz C, Hannegan C. Use of Percutaneous Closure Devices in the Removal of Central Venous Catheters from Inadvertent Arterial Catheterizations. *J Cardiovasc Surg (Torino)*. 2008 Jun;49(3):345-50
8. **Guimarães M**, Uflacker A, Schönholz, C, Uflacker R. Successful Recanalization of Bile Duct Occlusion with Radiofrequency Puncture Wire Techniques. *J Vasc Interv Radiol*. 2010 Feb;21(2):289-94, 2010
9. **Guimarães M**, Muhlert MK, Enterkin, J, Schonholz C. Can We Provide Complete Cerebral Protection During Innominate Artery Stenting? *J Endovasc Ther* 2010;17:657-659.

10. **Guimarães M**, Denton C, Selby JB, Uflacker R, Schonholz C, Hannegan C Percutaneous Retrieval of an Amplatzer Septal Occluder Device that had migrated to the Aortic Arch.", submitted for publication to the Journal of Catheterization and Cardiovascular Interventions, October 2010.
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Book Editor

“Intervencional techniques guided by image” book. Editor. 58 chapter, 570 pages, Ediciones, Buenos Aires – Argentina, 2010.

Journal Reviewer

1. Journal of Vascular and Interventional Radiology – Society of Interventional Radiology, USA.
2. Cardiovascular & Interventional Radiology Society of Europe Journal, Cardiovascular & Interventional Radiology Society of Europe.

Other Experiences & Activities

1. Session Coordinator of the 9th Scientific Initiation Meeting, Federal University of Rio Grande do Sul, Porto Alegre - Brazil, Sep/1997
2. MBA in “Management by Process”, ESPM (Superior School of Advertisement and Marketing) School, Porto Alegre – Brazil, 1999-2000
3. Legs for Life Program, Evaluation and screening of patients for Peripheral Vascular Disease, MUSC Hospital, Charleston – USA, Sep/2003
4. Legs for Life Program, Evaluation and screening of patients for Peripheral Vascular Disease, MUSC Hospital, Charleston – USA, Sep/2008
5. Legs for Life Program, Evaluation and screening of patients for Peripheral Vascular Disease, MUSC Hospital, Charleston – USA, Jan/2009

Products or Patents

1. Reperfusion catheter device, United States Patent and Trademark office, non-provisional patent # 96587.
2. Detachable coil system, provisional patent under way.

Current Academic production

1. **Guimarães M.** Glue embolization review: techniques and clinical applications.
2. **Guimarães M,** Schönholz, C, Uflacker R, Hannegan C, Selby B. Recanalization of chronic central venous occlusion with radiofrequency puncture wire.
3. Vascular & Interventional radiology online case file. Under development with the media group at MUSC.

4. Vascular & Interventional radiology – video library online. Under development with the media group at MUSC.