

Curriculum Vitae

RIPAL TARUN GANDHI, M.D., FSIR, FSVM

Personal Information

Business Address: Miami Cardiac and Vascular Institute / Miami Vascular Specialists / Miami Cancer Institute
8900 N. Kendall Drive; Miami, FL 33176

Staff Position

9/09-Current **Miami Cardiac and Vascular Institute/Miami Vascular Specialists/Miami Cancer Institute**
Staff Vascular & Interventional Radiologist/Vascular Medicine Miami, FL

6/09-7/09 **Asan Medical Center**
International Visiting Scholar (Interventional Radiology) Seoul, Korea

Residency/Fellowship/Postgraduate Training

7/08-6/09 **University of California Los Angeles (UCLA) Medical Center**
Fellow/Clinical Instructor in Interventional Radiology Los Angeles, CA
• Vascular and Interventional radiology fellowship for 2008-2009 under Dr. Stephen Kee
• Training in all aspects of IR, including vascular imaging and clinic rotations

7/07-6/08 **RadNet Imaging** (fellowship director Dr. John Crues)
Fellowship in MRI/Musculoskeletal and Spine Imaging Los Angeles, CA
• Experience reading high volume musculoskeletal and spine MRI
• **Cardiac CTA** training at **Harbor-UCLA** with Dr. Matt Budoff and AMI with Dr. David Dowe; *Certified by both ACR and SCCT/ACCF/AHA (level 2) to read coronary CTA studies*

7/03-6/07 **University of California Los Angeles (UCLA) Medical Center**
Residency in Diagnostic Radiology Los Angeles, CA
• Recipient of RSNA Resident/Fellow Research Award at Graduation
• Recipient of Resident Scholarship for 2005 Society of Interventional Radiology Meeting

6/02-6/03 **Memorial Sloan-Kettering Cancer Center**
Research Fellow in Vascular and Interventional Radiology New York, NY
• Investigated outcomes of hepatic embolization for HCC; efficacy of portal vein embolization before extended hepatic resection; endovenous RFA for treatment of venous insufficiency

06/01-06/02 **Cornell University Medical Center – New York Presbyterian Hospital**
Surgical Intern (PGY-1) New York, NY
• Completed rotations in general surgery, trauma, vascular surgery, surgical oncology, thoracic oncology, colorectal surgery, cardiac surgery, breast surgery, hepatobiliary surgery, and ICU

Education

1997-2001 **Northwestern University Feinberg School of Medicine** Chicago, IL
• Doctor of Medicine in June 2001, **Alpha Omega Alpha (AOA) Honor Society**
• Honors in internal medicine, surgery, obstetrics/gynecology, neurology, surgery research, psychiatry, radiology, vascular and interventional radiology, neuroradiology, physical medicine
• Recipient of American College of Physicians Award for **Best Performance in Medicine**

1994-1997 **Northwestern University** Evanston, IL
• Bachelor of Science, *Biology (Degree completed in 3 years)*; Overall GPA: 3.93/4.00
• Graduated with **Summa Cum Laude Honors**; Dean's List every semester

Summer 1993 **Harvard University** Cambridge, MA
• Coursework in General and Inorganic Chemistry (8 unit credits)
• GPA: 4.00/4.00

Academic Appointments

July 2019-Current Clinical Professor, Department of Interventional Radiology

Florida International University (FIU) Herbert Wertheim College of Medicine

October 2010-June 2019 Associate Clinical Professor, Department of Interventional Radiology
Florida International University (FIU) Herbert Wertheim College of Medicine

December 2009-Current Affiliate Associate Clinical Professor
University of South Florida, College of Medicine

July 2009-2011 Voluntary Assistant Professor of Radiology,
UCLA David Geffen School of Medicine

Medical Licensure

May 2009-Current	Florida State Medical License	ME 104527
March 2004-Current	California State Medical License	A86346
October 2009-Current	Arizona State Medical License	42503
October 2009-Current	New York State Medical License	255297

Board Certification

February 2013	Board Certification, American Board of Vascular Medicine
November 2011	Subspecialty Certification, CAQ Vascular and Interventional Radiology
June 2007	Board Certification, American Board of Radiology

Additional Certification

January 2018	Fellow of the Society of Vascular and Interventional Radiology (FSIR)
April 2013	Fellow of the Society for Vascular Medicine (FSVM)
January 2008	ACCF/AHA Peripheral Vascular CTA Clinical Competency Certification
November 2007	SCCT/ACCF/AHA Cardiac CTA Level 2 Certification
November 2007	ACR Certification for Cardiac CTA
July 2007	California Radiology Supervisor and Operator RHL165865
2001	Diplomate, National Board of Medical Examiners

Medical Device Certification

June 21, 2020	WavelinQ EndoAVF System
June 27, 2016	Authorized User (AU) for Yttrium-90 SIR-Spheres resin microspheres
June 27, 2016	Authorized User (AU) for Yttrium-90 TheraSpheres glass microspheres
April 20, 2015	Endologix Nellix System Training
July 9, 2014	Hansen Medical Magellan Robotic Catheter 6 French
August 26, 2013	DFINE Radiofrequency-Targeted Vertebral Augmentation with the StabiliT System and STAR Ablation System
September 25, 2012	Hansen Medical Magellan 9 Fr Robotic System
April 13, 2011	Medtronic Endurant Stent Graft System
January 19, 2011	Gore C3 Excluder AAA Endoprosthesis
June 24, 2010	Gore TAG Thoracic Aorta Endoprosthesis
June 2, 2010	Therasphere Yttrium-90 Glass Microspheres for Treatment of HCC
March 4, 2010	Talent Abdominal Stent Graft
March 1, 2010	SIR-Spheres Yttrium-90 Microspheres for Treatment of Liver Cancer
January 15, 2010	Gore Excluder Aortic Endoprosthesis
July 10, 2009	Medtronic Talent Thoracic Aorta Stent Graft
June 1, 2009	StarClose Vascular Closure System
June 1, 2009	Perclose ProGlide Vascular Closure System
June 1, 2009	St. Jude Medical Angio-Seal Vascular Closure Device

Hospital Appointments

2009-Current	Miami Cardiac & Vascular Institute (Attending Staff)
2009-Current	University of South Florida, College of Medicine (Affiliate Assistant Professor)
2010-Current	Florida International University (FIU), College of Medicine (Clinical Associate Professor)
2009-Current	South Miami Hospital (Attending Staff)
2009-Current	Doctors Hospital (Attending Staff)
2009-Current	Homestead Hospital (Attending Staff)
2011-Current	West Kendall Baptist Hospital (Attending Staff)
2009-Current	UCLA Ronald Reagan Medical Center / David Geffen School of Medicine (Voluntary Faculty)

2008-2009	UCLA Ronald Reagan Medical Center (Clinical Fellow in Vascular & Interventional Radiology)
2003-2007	UCLA Ronald Reagan Medical Center (Resident in Diagnostic Radiology)
2002-2003	Memorial Sloan-Kettering Cancer Center (Research Fellow)
2001-2002	Cornell University Medical Center - New York Presbyterian Hospital (Internship in Surgery)

Editorial Appointments

2019	Interventional Oncology issue of Endovascular Today; Guest Chief Medical Editor. Volume 18(10). October 2019
2019	Techniques in Vascular and Interventional Radiology; Guest Editor for <i>Yttrium-90 Radioembolization</i> Volume 22(2). June 2019.
2017	Cardiovascular Diagnosis and Therapy
2017	Interventional Oncology issue of Endovascular Today; Guest Chief Medical Editor. Volume 16(10). October 2017
2016	Interventional Oncology issue of Endovascular Today; Guest Chief Medical Editor. Volume 15(9). September 2016
2015	Techniques in Vascular and Interventional Radiology; Guest Editor for <i>Advanced Vascular Access and Closure Techniques</i> . Volume 18(2). June 2015.
2014-Current	CardioVascular and Interventional Radiology
2014-Current	Endovascular Today
2014	BMC Cancer
2013-Current	IR Quarterly
2013-Current	Interventional Oncology 360
2010-Current	Miami Cardiac & Vascular Institute Newsletter
2010-2012	IR News

Society Positions/Appointments

2020-Current	American Association of Physicists in Medicine – Working Group on Radioactive Microspheres
2013-Current	Society of Interventional Radiology – Government Affairs Committee
2013-Current	Society of Interventional Radiology – Editorial Board for <i>IR Quarterly</i>
2018-Current	Global Embolization Symposium & Technologies – Chair, Hands-On Workshop Committee

In the Media/News

October 4, 2020	Miami Herald – Pancreatic Cancer Treatment in Clinical Trial Prolongs Life
September 29, 2020	Miami Herald – New Pancreatic Cancer Treatment May Add Years to the Lives of Those Facing Death
July 20, 2020	Baptist Health South Florida Blog: Bypassing Pain: Innovative Procedure Keeps Blood Flowing
December 12, 2018	PBS TV Show – All About Cancer: Liver Cancer Treatments
November 11, 2018	PBS TV Show – All About Cancer: Therapies for Pancreatic Cancer.
November 6, 2018	Baptist Health South Florida Video: Nanoknife Advances Minimally Invasive Cancer Treatment
May 23, 2018	PBS TV Show – All About Cancer: Treatment Options for Liver Cancer

Research

2002-2003	<p>Memorial Sloan-Kettering Cancer Center <i>Research Fellow in Vascular and Interventional Radiology / Interventional Oncology</i></p> <ul style="list-style-type: none"> • Investigated outcomes of hepatic embolization for HCC; efficacy of portal vein embolization before extended hepatic resection; endovenous RFA for treatment of venous insufficiency • Obtained 150K grant to assess the value of PET-CT imaging in the evaluation of patients undergoing percutaneous intervention for the treatment of hepatoma
1997-2001	<p>Northwestern University Medical School, Departments of Neurosurgery and Radiology <i>Clinical Research Student under supervision of Dr. H. Hunt Batjer</i></p> <ul style="list-style-type: none"> • Ongoing project investigating the utilization of functional MRI as a clinical predictor of post-operative outcome in patients with tumors and cerebrovascular disease in eloquent brain areas with congenitally displaced functional brain activity • Findings have been published in the <i>Journal of Stroke and Cerebrovascular Diseases</i> and the <i>Journal of the American College of Surgeons</i>
Summer 1998	<p>Northwestern University Medical School, Departments of Neurosurgery and Radiology <i>Research Fellow, Funded by Medical Student Research Scholarship</i> <i>Laboratory of Dr. Herbert Engelhard, Dr. Christopher Getch, and Dr. H. Hunt Batjer</i></p>

- Investigated the effect of stereotactic radiosurgery on the fibrinolytic system (t-PA, u-PA, and PAI-1) of rat cerebrovascular endothelium *in vitro* and *in vivo* and human cerebral arteriovenous malformations
- Methods utilized include cell culture, radiation therapy, immunofluorescence microscopy, Western blotting, flow cytometry, rat microneurosurgery

Summer 1997

Northwestern University Medical School, Department of Surgery

*Research Fellow in the Division of Organ Transplantation, Funded by Dept. of Surgery
Laboratory of Dr. Jonathan Fryer and Dr. Byron Anderson*

- Investigated the immunological mechanisms of rejection of porcine organs transplanted into humans and the potential use of avian antibodies to block rejection
- Methods utilized include immunofluorescent histochemical staining, complement mediated lysis (CML) assay, antibody dependent cell-mediated cytotoxicity (ADCC) assay, sheep red blood cell assay, enzyme linked immunosorbent assay (ELISA)

Summer 1996

National Institutes of Health (NIH)

*Research Fellow in Neuroscience Branch of National Institute on Drug Abuse, Funded by NIH
Laboratory of Dr. Jean Lud Cadet*

- Conducted independent research project on the drug fenfluramine and its mechanism of degeneration of serotonergic neurons in the cortex, caudate nucleus, and substantia nigra of laboratory mice.
- Methods and techniques utilized include transgenic mice technology, cryostat brain tissue slicing, receptor binding assay, radioimmunoassay, and autoradiography. *NIH Image* computer software was used to analyze autoradiographic images and obtain statistical data

Clinical Research Trials

1. Co-Investigator. *Acute Venous Thrombosis: Thrombus Removal with Adjunctive Catheter-Directed Thrombolysis (the ATTRACT Trial)*. Study is sponsored by the National Institutes of Health: National Heart, Lung and Blood Institute. 2009-2011.
2. Co-Investigator. *Prospective, Multicenter, Randomized Controlled Trial of Endovascular Aneurysm Repair Using a Bilateral Percutaneous Approach (PEVAR) vs. Standard Approach (SEVAR) Using the IntuiTrak Endovascular AAA Delivery System and the Prostar XL or Perclose ProGlide Suture-Mediated Closure System*. 2011-2012.
3. Co-Investigator. *Claudication: Exercise Vs. Endoluminal Revascularization (CLEVER)*. Study is sponsored by the National Institute of Health: National Heart, Lung and Blood Institute. 2009-2012.
4. Co-Investigator. *Zilver PTX II: Evaluation of the Zilver PTX Vascular Stent in the Above-the-Knee Femoropopliteal Artery*. 2009-2013.
5. Co-Investigator. *Pressure and Imaging—Using the CardioMEMS EndoSure™ Sensor for Long-term Follow-up after EVAR with Standard Surveillance (PRICELESS Prospective Registry)*; 2009-2012.
6. Co-Investigator. *The Medtronic Zotarolimus-Eluting Peripheral Stent System for the Treatment of Erectile Dysfunction in Males with Sub-Optimal Response to PDE5 Inhibitors*. 2009-2011.
7. Co-Investigator. *Clinical Registry of St. Jude Medical Angio-Seal™ Vascular Closure Devices Following Interventional Radiology Procedures*. 2011-2012.
8. Co-Investigator. *Treatment of Unresectable Hepatocellular Carcinoma with TheraSphere® (Yttrium-90 Glass Microspheres) - HDE*. 2009-Current.
9. Co-Investigator. *Relay Phase II: A Phase II Clinical Study of the Safety and Efficacy of the Relay™ Thoracic Stent-Graft in Patients with Thoracic Aortic Pathologies*. 2009-Current.
10. Co-Investigator. *Aorfix™ AAA Stent-graft: Prospective Aneurysm Trial: High Angle Aortic™ Bifurcated Stent-graft (PYTHAGORAS)*. 2009-2012.
11. Co-Investigator. *Valor Captivia: Clinical Study of the Medtronic Talent Thoracic Stent Graft with the*

- Captivia Delivery System*. 2010-2012.
12. Co-Investigator. *The U.S. Study for Evaluating Endovascular Treatments of Lesions in the Superficial Femoral Artery and Proximal Popliteal by Using Protégé Everflex Nitinol Stent System II (DURABILITY II)*. 2009-2011.
 13. Co-Investigator. *Iliac Artery Treatment with the Invatec Scuba Cobalt Chromium Stent (INTENSE) Study*. 2009-2012.
 14. Co-Investigator. *Evaluation of Dotarem®-Enhanced Magnetic Resonance Angiography (MRA) Compared to Time-of-Flight MRA in the Diagnosis of Carotid and Vertebral Basilar Arterial Disease (DGD-44-048)*. 2010-Current.
 15. Co-Investigator. *Evaluation of Dotarem®-Enhanced Magnetic Resonance Angiography (MRA) Compared to Time-of-Flight MRA in the Diagnosis of Renal Arterial Disease (DGD-44-047)*. 2010-Current.
 16. Co-Investigator. *Prospective Fibromuscular Dysplasia (FMD) Registry*. 2011-Current.
 17. Co-Investigator. *CONTINUUM Trial: CONTINUous Infringuinal Stenting Using the Bard® LifeStent® Vascular Stent Systems*. 2010-Current.
 18. Co-Investigator. *Denali Trial: A Prospective, multi-Center Study of the Bard Denali Retrievable Inferior Vena Cava Filter*. 2011-Current.
 19. Co-Investigator. *Trivascular Ovation Abdominal Stent Graft System for Abdominal Aortic Aneurysm Treatment with Small Aortic Diameters and Access Vessels Less than 7 mm in Diameter - HDE*. 2012-2012
 20. Co-Investigator. *FlexStent: Evaluation of Safety and Efficacy of the FlexStent Femoropopliteal Self-Expanding Stent System Study (FSS Open)*. 2012- Current
 21. Principal Investigator - *ANCHOR: Aneurysm Treatment Using the HeliFX Aortic Securement System Global Registry*. 2012-Current
 22. Co-Investigator, *Gore TIGRIS: Evaluation of the Gore TIGRIS Vascular Stent in the Treatment of Atherosclerotic Lesions of the Superficial Femoral and Proximal Popliteal Arteries*. 2012-Current.
 23. Co-Investigator. *INPACT SFA: Paclitaxel Admiral Drug-Eluting Balloon (DEB) vs Standard PTA for the Treatment of Atherosclerotic Lesions in the Superficial Femoral Artery and/or Proximal Popliteal Artery*. 2012-2013.
 24. Co-Investigator. *INSPIRATION: A Multi-Center, Open Label, Prospective, Non-Randomized Study of the INCRAFT Stent Graft System in Subjects with Abdominal Aortic Aneurysms*. 2012-Current.
 25. Co-Investigator. *Symplicity HTN-3 Trial: Renal Denervation in Patients with Uncontrolled Hypertension (HTN-3)*. 2012-Current.
 26. Co-Investigator. *Non-Invasive Treatment of Abdominal Aortic Aneurysm Clinical Trial (N-TA3CT)*. 2013-Current.
 27. Co-Investigator. *The Magellan Robotic Vascular & Endovascular Registry (ROVER)*. 2013-Current.
 28. Co-Investigator. *Retrospective Evaluation of the GORE Viabahn Endoprosthesis for a Popliteal Artery Aneurysm Indication*. 2013-Current
 29. Co-Investigator. *VenaTech Convertible Vena Cava Filter U.S. Multi-Center Clinical Trial*. 2014-Current..
 30. Co-Investigator. *Safety and Effectiveness Study of Endovascular Abdominal Aortic Aneurysm Repair Using the Nellix® System (EVAS IDE)*. 2014-Current.
 31. Co-Investigator. *Renal Stent Placement for the Treatment of Renal Artery Stenosis in Patients with Resistant Hypertension*. 2014-Current.

32. Co-Investigator. *ENDOVascular Interventions with AngioMAX: The ENDOMAX Trial*. 2014-Current.
33. Co-Investigator. Vascular Quality Initiative Registry. 2013-Current.
34. Co-Investigator. ILLUMENATE Pivotal Trial, CVI Drug-coated Balloon vs Uncoated Balloon. 2014-Current.
35. Co-Investigator. REHEARSAAAL Study Evaluating Symbionix Procedure Rehearsal Studio for the Treatment of Abdominal Aortic Aneurysms for EVAR. 2014-Current.
36. Co-Investigator. Evaluation of the GORE EXCLUDER Iliac Branch Endoprosthesis. 2014-2016.
37. Principal Investigator. *LIBERTY 360°: Prospective, Observational, Multi-Center Clinical Study to Evaluate Acute and Long Term Clinical and Economic Outcomes of Endovascular Device Intervention in Patients with Distal Outflow Peripheral Arterial Disease (PAD)*. 2014-Current.
38. Sub-Investigator. *Cook Inferior Vena Cava Filter Trial*. 2015- Current.
39. Sub-Investigator. *Evaluation of the Gore Viabahn Balloon Expandable Endoprosthesis (Viabahn Bx) for the Treatment of Occlusive Disease in the Common and External Iliac Arteries*. 2015-Current
40. Sub-Investigator. *Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia (BEST-CLI)*. 2015-Current
41. Principal Investigator. *Radiation-Emitting Selective Internal Radiation-Spheres in Non-Resectable Liver Tumor (RESiN) Study*. 2016-Current
42. Sub-Investigator. *ELUVIA Drug-eluting Stent versus Zilver PTX Stent (IMPERIAL) Trial*.. 2016-Current
43. Sub-Investigator. *The BARD® VENOVO™ Venous Stent Study – A Prospective, Non-Randomized, Multi-Center, Single-Arm Study of the Treatment of Iliofemoral Occlusive Disease – an Assessment for Effectiveness and Safety (VERNACULAR)*.. 2017-Current
44. Principal Investigator. *A Clinical Study to Survey the Experience and Acceptability by Physicians using BTG-13-002 (LC Bead LUMI) for Embolization Procedures*
45. Sub-Investigator. *The Flex Arm Study Evaluating Flex Arm and C-arm Movement During Complex Structural Heart and Endovascular Procedures*. 2017-Current
46. Sub-Investigator. *Short Term Perfusion Angiography (SPA) Study*. 2017-Current
Designed to collect 2D Perfusion Data for Critical Limb Ischemia (CLI) endovascular procedures for information on device performance in a real-world setting
47. Sub-Investigator. *Evaluating the Safety and Efficacy of the Indigo Aspiration System in Acute Submassive Pulmonary Embolism (EXTRACT-PE)*. 2018-Current
48. Sub-Investigator. *Assessment of the Gore Excluder Conformable AAA Endoprosthesis in the Treatment of Abdominal Aortic Aneurysms*. 2018-Current
49. Principal Investigator. *Accuracy of Simple Visual Estimation in Assessment of Hepatic Volumes and Tumor Infiltration in Dose Calculation for Yttrium-90 Radioembolization*. 2017-Current
50. Sub-Investigator. *The DES BTK Vascular Stent System vs PTA in Patients with Critical Limb Ischemia (SAVAL)*. 2018-Current
51. Principal Investigator. *Targeted Intra-arterial Gemcitabine vs. Continuation of IV Gemcitabine plus Nab-Paclitaxel following Induction with sequential IV Gemcitabine plus Nab-Paclitaxel and Radiotherapy for Locally Advanced Pancreatic Cancer (TIGeR-PaC)*. 2018-Current

52. Sub-Investigator. *Prospective, Multicenter, Single Arm Safety and Effectiveness Confirmatory Study of Endovascular Abdominal Aortic Aneurysm Repair Using the Nellix System IDE Study (EVAS 2 Confirmatory IDE Study)*. 2019-Current
53. Sub-Investigator. *The Detour Endovascular Technique for Long Occlusive Fem-pop Revascularization 2 Clinical Trial (The DETOUR 2 Clinical Trial)*. 2019-Current
54. Sub-Investigator. *A Randomized Double-Blind, Multicenter, Placebo-Controlled, Parallel-Group Phase III Study to Evaluate the Efficacy, Tolerability and Safety of Intramuscular Injections of PLX-PAD for the Treatment of Subjects with Critical Limb Ischemia (CLI) with Minor Tissue Loss who are Unsuitable for Revascularization (PACE Study)*. 2019-Current
55. Principal Investigator. *Collaboration Live Evaluation of Integrated Tele-Ultrasound for Remote Collaboration and Virtual Training*. 2020-Current.
56. Sub-Investigator. *Prospective, Multicenter, Non-randomized Study for the Evaluation of the CbEVAS System for Endovascular Repair of Paravisceral, Juxtarenal, and Pararenal Abdominal Aortic Aneurysms*. 2020-Current.
57. Sub-Investigator. *Radiation Therapy Alone Versus Radiation Therapy Plus Radiofrequency Ablation (RFA)/Vertebral Augmentation*. 2020-Current.
58. Sub-Investigator. *A Study of Patients with Lower Extremity Acute Limb Ischemia to Remove Thrombus with the Indigo Aspiration System (STRIDE)*. 2020-Current.
59. Sub-Investigator. *A Global Study to Evaluate Transarterial Chemoembolization (TACE) in Combination with Durvalumab and Bevacizumab Therapy in Patients with Locoregional Hepatocellular Carcinoma (EMERALD-1)* 2020-Current
60. Sub-Investigator. *A Phase III Randomized, Double-Blind, Placebo Controlled, Multi-centre Study of Durvalumab Monotherapy or in Combination with Bevacizumab as Adjuvant Therapy in Patients with Hepatocellular Carcinoma who are at High Risk of Recurrence after Curative Hepatic Resection or Ablation (EMERALD-2)* 2020-Current
61. Principal Investigator. *A Prospective, Multi-Center, Single-Arm, Real World Study Assessing the Clinical Use of the Caterpillar Arterial Embolization Device for the Arterial Embolization in the Peripheral Vasculature. Caterpillar Arterial Embolization Device Post-Market Study (MONARCH)*. 2020-Current.
62. Principal Investigator. *Recombinant tPA by Endovascular Administration for the Treatment of Submassive Pulmonary Embolism using Pharmacomechanical Catheter Directed Thrombolysis for the Reduction of Thrombus Burden (RESCUE study)*. 2020-Current.
- 63.
- 64.

Publications

1. Fryer JP, Firca J, Leventhal JR, Blondin B, Malcolm A, Ivancic D, **Gandhi R**, Shah A, Pao W,

- Abecassis, Kaufman DB, Stuart F, Anderson B. IgY Antiporcine Endothelial Cell Antibodies Effectively Block Human Antiporcine Xenoantibody Binding. *Xenotransplantation* 1999; 6(2): 98-109.
2. **Gandhi RT**, Bendok BR, Schweitzer J, Gitelman D, Meyer JR, Parrish TB, Mesulam MM, Batjer HH. Displacement of Hand Representation to the Contralateral Hemisphere May Predict Neurologic Recovery after AVM Resection from Sensorimotor Cortex. *Journal of Stroke and Cerebrovascular Diseases* 2000; 9(5): 246-249.
 3. **Gandhi RT**, Bendok BR, Getch C, Parrish TB, Batjer HH. Correlation of Functional MRI with Intraoperative Cortical Mapping in Patient with Cerebral Arteriovenous Malformation. *Journal of the American College of Surgeons* 2001; 192(6): 793.
 4. Brown KT, **Gandhi RT**, Covey AM, Brody LA, Getrajdman GI. Pylephlebitis and Liver Abscess Mimicking Hepatocellular Carcinoma. *Hepatobiliary and Pancreatic Diseases International* 2003; 2(2): 221-225.
 5. **Gandhi RT**, Getrajdman GI, Brown KT, Gandras EJ, Covey AM, Brody LA, Khilnani N. Placement of Subcutaneous Chest Wall Ports Ipsilateral to Axillary Lymph Node Dissection. *Journal of Vascular and Interventional Radiology* 2003; 14(8): 1063-1065.
 6. Covey AM, **Gandhi R**, Brody LA, Getrajdman G, Thaler HT, Brown KT. Factors Associated with Pneumothorax and Pneumothorax Requiring Treatment after Percutaneous Lung Biopsy in 443 Consecutive Patients. *Journal of Vascular and Interventional Radiology* 2004; 15(5): 479-483.
 7. Maluccio M, Covey AM, **Gandhi R**, Gonen M, Getrajdman GI, Brody LA, Fong Y, Jarnagin W, D'Angelica M, Blumgart L, DeMatteo R, Brown KT. Comparison of Survival Rates after Bland Arterial Embolization and Ablation Versus Surgical Resection for Treating Solitary Hepatocellular Carcinoma up to 7 cm. *Journal of Vascular and Interventional Radiology* 2005; 16(7): 955-961.
 8. **Gandhi RT**, Kuo R, Crues JV. Technical Considerations and Potential Clinical Advantages of Musculoskeletal Imaging at 3.0 Tesla. *Seminars in Musculoskeletal Radiology* 2008; 12(3): 185-95.
 9. **Gandhi RT**, Sarraf G, Budoff, M. Isolated Noncompaction of the Left Ventricular Myocardium Diagnosed with Cardiac Multidetector Computed Tomography. *Texas Heart Institute Journal* 2010; 37(3): 374-375.
 10. Lam C, **Gandhi RT**, Vatakencherry G, Katzen BT. Iliac Artery Revascularization: Overview of Current Interventional Therapies. *Interventional Cardiology* 2010; 2(6): 851-859.
 11. Raj RK, **Gandhi RT**, Golik DW, Peña C, Benenati JF. Unusual Presentation of Long Standing Aortic Coarctation. *Vascular Medicine* 2011; 16(4): 314-316.
 12. Etezadi V, **Gandhi RT**, Benenati JF, Rochon P, Gordon M, Benenati MJ, Alehashemi S, Katzen KT, Geisbüsch P. Endovascular Treatment of Visceral and Renal Artery Aneurysms. *Journal of Vascular and Interventional Radiology* 2011; 22(9): 1246-1253.
 13. **Gandhi RT**, Katzen BT, Tsoukas AI, Geisbüsch P. Aortic Aneurysm Pressure Sensors can be of Value in the Acute Postoperative Setting. *Vascular and Endovascular Surgery* 2011; 45(5): 412-417.
 14. Geisbüsch P, Benenati JF, Peña CS, Couvillon J, Powell A, **Gandhi R**, Samuels S, Uthoff H. Retrieval Inferior Vena Cava Filters: Factors that Affect Retrieval Success. *CardioVascular and Interventional Radiology* 2012; 35(5): 1059-65.
 15. **Gandhi RT**, Katzen BT. Treating a Type Ia Endoleak Using EndoAnchors: Successful Endoleak Resolution After Endovascular Aortic Aneurysm Repair. *Endovascular Today* 2012; 11(3): 23-26.
 16. Uthoff H, Peña C, Katzen BT, **Gandhi R**, West J, Benenati JF, Geisbüsch P. Current Clinical Practice in Postoperative Endovascular Aneurysm Imaging Surveillance. *Journal of Vascular and Interventional Radiology* 2012; 23(9): 1152-1159.

17. Uthoff H, Katzen BT, **Gandhi R**, Peña CS, Benenati JF, Geisbüsch P. Direct Percutaneous Sac Injection for Postoperative Endoleak Treatment after Endovascular Aortic Aneurysm Repair. *Journal of Vascular Surgery* 2012; 56(4): 965-972.
18. Raj RK, **Gandhi RT**, Katzen BT. Fibromuscular Dysplasia-related Carotid Pseudoaneurysm and Pulsatile Tinnitus. *Journal of Vascular and Interventional Radiology* 2012; 23(12): 1657.
19. Wu K, Rastogi A, **Gandhi R**, Watch LS, Peña CS, Benenati JF, Katzen BT. Spindle Cell Sarcoma of the Common Femoral Vein as a Possible Differential Diagnosis for Deep Venous Thrombosis on Ultrasound. *Vascular Medicine* 2013; 18(1): 44-46.
20. **Gandhi RT**, Quintana D, Scherthaner M, Peña C, Hall A, Moreno N, Benenati JF, Katzen BT. Endovascular Treatment of Iliocaval DVT: A New Therapeutic Approach Using an Aspiration Cannula and Circuit. *Endovascular Today* 2013; 12(9): 36-43.
21. **Gandhi RT**, Quintana D. Advancing the Standard of Care in Peripheral Embolization *Endovascular Today* 2014; 13(4): 71-74.
22. **Gandhi RT**, Quintana D. Utility of Detachable Coils in Renal and Splenic Artery Aneurysms and Gastric Artery Pre-Radioembolization. *Supplement to Endovascular Today* 2014; 2-6.
23. Uthoff H, Benenati MJ, Katzen BT, Peña C, **Gandhi R**, Staub D, Scherthaner M. Lightweight Bi-Layer Barium Sulfate-Bismuth Oxide Composite Thyroid Collars for Superior Radiation Protection in Fluoroscopy-guided Interventions: a Prospective, Randomized Controlled Trial. *Radiology* 2014; 270(2): 601-6. Epub 2013 Oct 28.
24. **Gandhi RT**, Schirf BE, Iglesias J. The MVP MicroVascular Plug: A New Paradigm in Peripheral Embolization. *Endovascular Today* 2015; 14(4): 80-84.
25. Baumann F, **Gandhi R**, Peña C, Katzen B. Robotics for Endovascular Interventions – A Need? *Italian Journal of Vascular and Endovascular Surgery* 2015; 22(2): 81-86.
26. Rajebi MR, Benenati MJ, Scherthaner MB, Walker G, **Gandhi RT**, Peña C, Katzen B. Reliability and Accuracy of Simple Visual Estimation in Assessment of Peripheral Arterial Stenosis. *Journal of Vascular and Interventional Radiology* 2015; 26(6): 890-6.
27. **Gandhi RT**, Vatakencherry G Introduction. *Techniques in Vascular and Interventional Radiology* 2015; 18(2): 57.
28. Wagner J, **Gandhi RT**, Powell A. Technical Approach to Antegrade Femoral Access. *Techniques in Vascular and Interventional Radiology* 2015; 18(2): 82-86.
29. McGraw CJ, **Gandhi RT**, Vatakencherry G, Baumann F, Benenati JF. Percutaneous Large Arterial Access Closure Techniques. *Techniques in Vascular and Interventional Radiology* 2015; 18(2): 122-126.
30. Peña C, **Gandhi RT**, Benenati JF. Treating Venous Thromboembolism Without Lytic Medications. *Endovascular Today* 2015; 14(7): 41-48.
31. Baumann F, Yates, T, **Gandhi R**, Benenati J, Peña C, Katzen BT. Single-Center Experience Comparing the Application for Small-Caliber versus Large-Caliber Arterial Access Closure in a Consecutive Series of Patients. *Journal of Vascular and Interventional Radiology* 2015; 26(9): 1285-1289.
32. Liu D, **Gandhi R**, Tam AL. Colorectal Hepatic Metastasis: The Past, Present, and Future Role of Liver Directed Therapy. *Endovascular Today* 2015; 14(10): 63-74.
33. McWilliams J, **Gandhi RT**. Treating Pulmonary Arteriovenous Malformations: What to Do and What Not to Do. *Endovascular Today* 2016; 15(4): 52-55.
34. Kavali PK, **Gandhi RT**, Ganguli S. Yttrium-90 Radioembolization Mapping and Therapy. *Endovascular Today* 2016; 15(4): 66-71.

35. **Gandhi RT**, Bryce Y, Ganguli S, McWilliams J, Vatakencherry G. Management of Type II Endoleaks. *Endovascular Today* 2016; 15(4): 42-48.
36. Vatakencherry G, **Gandhi R**, Molloy C. Endovascular Access for Challenging Anatomies in Peripheral Vascular Interventions. *Techniques in Vascular and Interventional Radiology* 2016; 19(2): 113-122.
37. Liu DM, Westcott M, Garcia-Monaco R, Abraham R, **Gandhi RT**. Down and Dirty with Dosimetry: A Practical Understand and Approach to Radioembolization. *Endovascular Today* 2016; 15(9): 70-76
38. Kim W, **Gandhi RT**, Peña CS, Tartaglione RE, Taubman ML, Katzen BT. Robot system assisted endovascular treatment of a dissection related pseudoaneurysm of the celiac axis secondary to fibromuscular dysplasia. *Journal of Vascular Surgery – Cases and Innovative Techniques* 2016; 2(3): 145-148.
39. **Gandhi RT**, Tournade C. Management of Inadvertent Placement of a Central Line in the Carotid Artery with a Closure Device and Embolic Protection Device. *Cath Lab Digest* 2016; 24(11): 20-23.
40. Kim W, **Gandhi RT**, Peña CS, Herrera RE, Scherthaner MB, Acuña JM, Becerra VN, Katzen BT. The Influence of Statin Therapy on Restenosis in Patients Who Underwent Nitinol Stent Implantation for de Novo Femoropopliteal Artery Disease: Two-Year Follow-up at a Single Center *Journal of Vascular and Interventional Radiology* 2016; 27(10): 1494-1501.
41. Kim W, **Gandhi RT**, Peña CS, Herrera RE, Scherthaner MB, Acuña JM, Becerra VN, Katzen BT. Influence of Statin Therapy on Aneurysm Sac Regression after Endovascular Aortic Repair. *Journal of Vascular and Interventional Radiology* 2017; 28(1): 35-43.
42. Kim W, **Gandhi RT**, Peña CS, Herrera RE, Scherthaner MB, Tsoukas A, Acuña JM, Katzen BT. Effect of β -Blocker on Aneurysm Sac Behavior after Endovascular Abdominal Aortic Repair. *Journal of Vascular Surgery* 2017; 65(2): 337-45.
43. Baumann F, Peña C, Kloeckner R, Katzen BT, **Gandhi R**, Benenati JB. The Effect of a New Angiographic Imaging Technology on Radiation Dose in Visceral Embolization Procedures. *Vasc Endovascular Surg* 2017; 51(4): 183-187. Epub 2017 Mar 20.
44. Al-Hakim R, **Gandhi RT**, Benenati JF. Incident of Stroke after Transradial Arterial Access for Subdiaphragmatic Intervention. *Journal of Vascular and Interventional Radiology* 2017; 28(9): 1287-88.
45. Czaplicki C, Albadawi H, Partovi S, **Gandhi RT**, Quencer K, Deipolyi AR, Oklu R. Can Thrombus Age Guide Thrombolytic Therapy? *Cardiovascular Diagnosis and Therapy* 2017; S186-196.
46. Venkat SR, Mohan PP, **Gandhi RT**. Colorectal Liver Metastasis: Overview of Treatment Paradigm Highlighting the Role of Ablation. *AJR Am J Roentgenol* 2018; 210(4): 883-890.
47. Kansagra K, Kang J, Taon, M, Ganguli S, **Gandhi R**, Vatakencherry G, Lam C. Advanced Endografting Techniques: Snorkels, Chimneys, Periscopes, Fenestrations, and Branched Endografts. *Cardiovasc Diagn Ther* 2018; 8 (Suppl1): S175-S183.
48. Khayat M, Cooper KJ, Khaja M, **Gandhi R**, Bryce YC, Williams DM. Endovascular Management of Acute Aortic Dissection. *Cardiovasc Diagn Ther* 2018; 8 (Suppl1): S97-S107.
49. Bryce YC, Schiro B, Cooper KJ, Ganguli S, Khayat M, Lam C, Oklu R, Vatakencherry G, **Gandhi R**. Type II Endoleaks: Diagnosis and Treatment Algorithm. *Cardiovasc Diagn Ther* 2018; 8 (Suppl1): S131-S137.
50. Schiro BJ, **Gandhi RT**, Pena CS, Geronemus AR, Powell A, Benenati JF. Endovascular Management of Iliac Aneurysmal Disease with Hypogastric Artery Preservation. *Cardiovasc Diagn Ther* 2018; 8 (Suppl1): S168-S174.
51. Cline M, Cooper KJ, Khaja MS, **Gandhi R**, Bryce YC, Williams DM. Endovascular Management of Acute Traumatic Aortic Injury. *Techniques in Vascular and Interventional Radiology* 2018; 21(3): 131-136.

52. Bryce Y, Lam CK, Ganguli S, Schiro BJ, Cooper K, Cline M, Oklu R, Vatakencherry G, Peña CS, **Gandhi R**. Step-by-Step Approach to Management of Type II Endoleaks. *Techniques in Vascular and Interventional Radiology* 2018; 21(3): 188-195.
53. Devulapalli KK, Fidelman N, Soulen MC, Miller M, Johnson MS, El-Haddad G, Nutting C, Morrison J, Farsad K, Lokken RP, Gaba RC, Fleming J, Brown DB, Kwan SW, Rose SC, Pennycooke KA, Liu DM, White SB, **Gandhi R**, Lazar AA, Kerlan RK. ⁹⁰Y Radioembolization for Hepatic Malignancy in Patients with Previous Biliary Intervention: Multicenter Analysis of Hepatobiliary Infections. *Radiology* 2018; 288(3): 774-781.
54. **Gandhi RT**. Introduction to Issue on Yttrium-90 Radioembolization. *Techniques in Vascular and Interventional Radiology* 2019; 22(2): 41.
55. Wehrenberg-Klee E, **Gandhi RT**, Ganguli S. Patient Selection and Clinical Outcomes of Y90 in Hepatocellular Carcinoma. *Techniques in Vascular and Interventional Radiology* 2019; 22(2): 70-73.
56. Schiro BJ, St Amour E, Harnain C, **Gandhi RT**. Management of High Hepatopulmonary Shunts in the Setting of Y90 Radioembolization. *Techniques in Vascular and Interventional Radiology* 2019; 22(2): 70-73.
57. St. Amour ED, Hays D, **Gandhi RT**. Outpatient Interventional Oncology: Primum Non Nocere. *Endovascular Today* 2019; 18(10): 94-98.
58. Abraham R, Lewandowski R, **Gandhi RT**, Liu DM. What's New in Y-90? *Endovascular Today* 2019; 18(10): 49-60.
59. **Gandhi RT**, Asbun H, Chuong M, Kunzler F, Narayanan G. Contemporary Management of Pancreatic Cancer. *Endovascular Today* 2019; 18(10): 68-74.
60. Homayoon B, Chung J, **Gandhi RT**, Liu DM. Early Clinical Experience With a Touchless Image Navigation Interface for the Endovascular Suite. *Minim Invasive Ther Allied Technol* 2020; 29(3): 146-153.
61. Manchec B, Koethe Y, Schiro B, Peña C, **Gandhi R**. "How We Do It" – A Practical Approach to Percutaneous Adrenal Ablation Techniques. *Tech Vasc Interv Radiol* 2020; 23(2): 100676.
62. Arko FR, Muck PE, **Gandhi RT**, Lookstein R, Rosenberg MS, Moldestad E, De Donato G, Maldonado TS, Metzger C. Rethinking Thrombus Removal With the Indigo System: Introducing Lightning Intelligent Aspiration. *Endovascular Today* 2020; 19(7): 26-35.
- 63.

Textbook

Gandhi RT, Ganguli HH. *Interventional Oncology*. New York, New York: Thieme Medical Publishers; 2015.

Textbook Chapters

1. Bendok BR, Getch CC, **Gandhi R**, Batjer HH. Associated Aneurysms. In Stieg P, Batjer HH, Samson D, eds, *Intracranial Arteriovenous Malformations*. New York: Informa Healthcare, Inc. 2004.
2. **Gandhi RT**, Crues JV. Etiology of Hip Pain in Renal Transplant Patients: Gluteus Minimus and Medius Tendon Pathology as Alternative MRI Diagnosis to Avascular Necrosis. In Edelman RR, Hesselink JR, Zlatkin MB, Crues JV, eds. *Clinical Magnetic Resonance Imaging*. Philadelphia: Saunders Elsevier, 2007.
3. **Gandhi RT**, Crues JV. Adventitial Cystic Disease of the Popliteal Artery: Clinical Presentation,

- MR Imaging Characteristics, and Management. In Edelman RR, Hesselink JR, Zlatkin MB, Crues JV, eds. *Clinical Magnetic Resonance Imaging*. Philadelphia: Saunders Elsevier, 2007.
4. **Gandhi RT**, Crues JV. Thoracic Outlet Syndrome: Clinical Features and Assessment with Magnetic Resonance Imaging. In Edelman RR, Hesselink JR, Zlatkin MB, Crues JV, eds. *Clinical Magnetic Resonance Imaging*. Philadelphia: Saunders Elsevier, 2007.
 5. **Gandhi RT**, Müller-Hülsbeck S. Vascular Closure Device Hands-On Workshop. *SIR Workshop Book* 2013: 427-430.
 6. **Gandhi RT**, Müller-Hülsbeck S. Preclose Technique for Percutaneous EVAR and TEVAR. *SIR Workshop Book* 2013: 430-433.
 7. McBride A, **Gandhi R**, Uthoff H, Benenati JF. Aortic Sources of Emboli. In Geschwind JH and Dake MD, eds. *Abrams' Angiography: Interventional Radiology*, 3rd edition. Philadelphia: Lippincott Williams & Wilkins 2014: 903-911.
 8. **Gandhi RT**, Müller-Hülsbeck S. Vascular Closure Device Hands-On Workshop. *FAQs in Interventional Radiology, Volume 1*. 2013.
 9. **Gandhi RT**, Müller-Hülsbeck S. Closure Device Part 1: Percutaneous Closure for 5 Fr to 8 Fr Access Routes. *FAQs in Interventional Radiology, Volume 2*. 2014: 81-83.
 10. **Gandhi RT**, Müller-Hülsbeck S. Closure Device Part 2: Large Vessel Percutaneous Closure for EVAR, TEVAR, and TAVR Utilizing the Preclose Technique. *FAQs in Interventional Radiology, Volume 2*. 2014: 84-86.
 11. Baumann F, **Gandhi RT**, Peña C. Status of Robot-Assisted Endovascular Procedures. In Eskandari M, Pearce W, Yao J, eds. *Current Vascular Surgery*. Shelton, CT: People's Medical Publishing House 2016: 453-462.
 12. **Gandhi RT**, Iglesias J, Benenati JF. Superficial Femoral Artery Interventions. In Kandarpa K, Machan L, and Durham J, eds. *Handbook of Interventional Radiologic Procedures*, 5th ed. Philadelphia: Wolters Kluwer; 2016: 160-171.
 13. Baumann F, **Gandhi RT**, Peña C, Katzen BT. Endovascular Management of Thoracic and Aortic Aneurysms. In Carnevale FS, ed. *Interventional Radiology and Endovascular Surgery*, 2nd ed. (in press).
 14. **Gandhi RT**, Blum A. Intrapopliteal Arterial Interventions. *FAQs in Interventional Radiology, Volume 5*. Chapter 12; 2018: 93-96.
 15. **Gandhi RT**, Iglesias J, Peña C, Benenati JF. The Endoconduit for Small Iliac Access. In Kahn SL, Arslan B, Masrani A eds. *Interventional & Endovascular Tips & Tricks of the Trade*. New York: Oxford University Press 2018: 51-54
 16. Walsworth M, Kim S, **Gandhi RT**, Rao S, Kim D. Endovascular Embolization Devices, Agents, and Techniques. *Vascular Imaging and Endovascular Interventions*. 2nd Edition. New Delhi, London, Panama: Jaypee Brothers Medical Publishing 2019: 720-770.
 - 17.

Scientific Papers/Abstracts Presented at National/International Meetings

1. **Gandhi R**, Ladenheim B, Cadet JL. Analysis of the Neurodegenerative Effects of Fenfluramine on the 5-Hydroxytryptamine System of the Corpus Striatum, Cortex, and Hippocampus of Cu/Zn-Superoxide Dismutase Transgenic Mice. National Institutes of Health (NIH) Student Research Poster Day. August 1996; Bethesda, Maryland

2. Cadet JL, **Gandhi R**, Ladenheim B, Rothman R, Epstein CJ. Transgenic Mice with High Cu/Zn-Superoxide Dismutase Activity are More Sensitive to the Effects of Fenfluramine on Serotonergic Terminals. AAPI Annual Scientific Research Convention. June 1997; Orlando, Florida
3. **Gandhi RT**, Shah AH, Anderson B, Fryer JP. The Potential Use of Avian Antibodies (IgY) to Block the Human Immunological Rejection of Transplanted Porcine Organs. Indian Medical Association of Illinois Annual Scientific Research Forum. October 1997; Chicago, Illinois
1st Prize for Best Academic Research Oral Presentation
4. Anderson B, **Gandhi RT**, Shah AH, Fryer JP. Avian IgY Antibody Reactivity to Galactose- α 1,3-Galactose Epitope and Blocking of Human Anti-Galactose- α 1,3-Galactose Antibodies. Fourth International Congress on Xenotransplantation. September 1997; Nantes, France
5. **Gandhi RT**, Shah AH, Fryer JP, Anderson B. Avian Antibodies (IgY) as a Clinical Means of Overcoming Hyperacute Rejection (HAR) and Delayed Xenograft Rejection (DXR) of Xenotransplanted Porcine Organs. Medical Student Research Poster Day in Conjunction with Alpha Omega Alpha. January 1998; Chicago, Illinois
6. Fryer JP, Firca J, Shah A, Pao W, **Gandhi R**, Hong A, Blondin B, Leventhal JR, Kaufman DB, Abecassis MM, Stuart FP, Anderson B. Chicken Antibodies for the Soul-Potential Blocking Antibodies for Xenograft Rejection? 24th Annual Scientific Meeting of the American Society of Transplant Surgeons. May 1998; Chicago, Illinois
Abstract published in *Transplantation* 1998; 66:S48.
7. Shek Y, Chang RS, Chang C, **Gandhi RT**, Keith LG. Maternal Characteristics of Women Delivering Naturally Conceived Twins in Souzhou, China: Preliminary Observations Ninth International Congress on Twin Studies. June 1998; Helsinki, Finland
Published in *Twin Research* 1998; 1(3): 160-164.
8. Rosenblatt M, **Gandhi RT**, Burdge C. Endovenous Radiofrequency Ablation of Non-Greater Saphenous Lower Extremity Veins to Treat Venous Insufficiency. Society of Interventional Radiology (SIR). March 2003; Salt Lake City, Utah
Abstract published in *Journal of Vascular and Interventional Radiology* 2003; 14(2): S36.
9. Rosenblatt M, **Gandhi RT**, Burdge C. Treatment of Venous Insufficiency Due to Greater Saphenous Vein Reflux with Endovenous Radiofrequency Ablation. Society of Interventional Radiology (SIR). March 2003; Salt Lake City, Utah
Abstract published in *Journal of Vascular and Interventional Radiology* 2003; 14(2): S35.
10. **Gandhi RT**, Covey AM, Brody L, Getrajdman GI, Brown KT. Factors Associated with Pneumothorax after Percutaneous Fine Needle Lung Biopsy in 450 Consecutive Patients. Society of Interventional Radiology (SIR). March 2003; Salt Lake City, Utah
Abstract published in *Journal of Vascular and Interventional Radiology* 2003; 14(2): S63-64.
11. Covey AM, Brody LA, Maluccio MA, Getrajdman GI, **Gandhi R**, Brown KT. The Incidence and Patterns of Variant Portal Vein Anatomy Detected by CT Arterial Portography. American Roentgen Ray Society (ARRS). May 2003; San Diego, California
Abstract published in *American Journal of Roentgenology* 2003; 180(3): 14-15.
12. **Gandhi RT**, Brown KT, Covey AM, Tengg-Kobligk HV, Brody L, Getrajdman GI. Efficacy of Pre-operative Portal Vein Embolization Using Polyvinyl Alcohol Particles. Cardiovascular and Interventional Radiological Society of Europe (CIRSE). September 2003; Antalya, Turkey.
13. **Gandhi RT**, Brown KT, Covey AM, Brody L, Sofocleous CT, Getrajdman GI, Ring EJ. Safety of Percutaneous Portal Vein Embolization Using Polyvinyl Alcohol Particles. Cardiovascular and Interventional Radiological Society of Europe (CIRSE). September 2003; Antalya, Turkey.
14. Chang CB, Pearl ML, Kosko AE, Darakjian AB, Kon DS, **Gandhi RT**. Glenohumeral Joint Deformities in Children with Brachial Plexus Birth Palsy: Comparison of MR Imaging to Arthroscopy. Radiological Society of North America (RSNA). December 2003; Chicago, IL.

15. Covey AM, Maluccio MA, **Gandhi R**, Brody LA, Getrajdman GI, Brown KT. Bland Embolization as Salvage Therapy for Patients with Recurrent Hepatocellular Carcinoma after Resection. Society of Interventional Radiology (SIR). March 2004; Phoenix, Arizona. Published in *Journal of Vascular and Interventional Radiology* 2004; 15(2): S206-207.
16. Maluccio MA, Covey AM, **Gandhi R**, Getrajdman GI, Sofocleous C, Brown KT. Arterial Embolization and Ablation is Comparable to Surgical Resection in Solitary Hepatocellular Carcinoma. Society of Interventional Radiology (SIR). March 2004; Phoenix, Arizona. Abstract published in *Journal of Vascular and Interventional Radiology* 2004; 15(2): S169.
17. **Gandhi RT**, Melany M. Tuboovarian Abscess: Sonographic Findings and Characteristics Differentiating It From Other Adnexal Lesions. Los Angeles Radiological Society Annual Spring Diagnostic Ultrasound Conference. April 2005; Los Angeles, California.
18. **Gandhi RT**, McNamara TO, Duckwiler G: Carotid Artery Stenting: Indications, Techniques, Complications, and Evidence-based Clinical Outcomes. Radiological Society of North America (RSNA). November 2005; Chicago, Illinois
19. **Gandhi RT**, Chang CB, Rosenblatt M: Treatment of Superficial Venous Insufficiency with Endovenous Radiofrequency Ablation: Techniques, Complications, and Clinical Outcomes. Radiological Society of North America (RSNA). November 2005; Chicago, Illinois
20. **Gandhi RT**, McNamara TO, Duckwiler G: Carotid Stenting: Indications, Technical Considerations, Complications, and Evidence-based Outcomes with Comparison to Carotid Endarterectomy. European Congress of Radiology. March 2006; Vienna, Austria. Abstract published in *European Radiology* 2006; 16(Supplement 1): C-445.
21. **Gandhi RT**, Chang CB, Rosenblatt M: Treatment of Superficial Venous Insufficiency with Endovenous Laser: Techniques, Complications, and Clinical Outcomes. American Roentgen Ray Society (ARRS). May 2006; Vancouver, Canada. Abstract published in *American Journal of Roentgenology* 2006; 186(4): A152.
22. Naiem A, Powell A, Benenati J, **Gandhi RT**, Eton D, Katzen B, Samuels S. Innovative Endovascular Repair of AAA Type 1 Endoleak. South Florida Society for Vascular Surgery. October 2009; Palm Beach, Florida.
23. Lam CH, **Gandhi RT**, Vatakencherry G, Katzen BT. Iliac Artery Revascularization: An Overview of Current Interventional Therapies. Abstract accepted for presentation at Society of Interventional Radiology (SIR) Annual Meeting. March 2011; Chicago, Illinois (*Won Award at SIR Annual Mtg*).
24. **Gandhi RT**. Utility of Aortic Aneurysm Pressure Sensors in the Postoperative Setting. Endovascular Summit. December 2011; San Juan, Puerto Rico.
25. Raj RK, **Gandhi RT**, Contreras F, Peña C, Benenati JF, Katzen BT. An Uncommon Initial Presentation of Cerebrovascular Fibromuscular Dysplasia. American College of Physicians Florida Chapter 2012 Associates Meeting. March 2012; Orlando, Florida.
26. Uthoff H, Katzen BT, **Gandhi R**, Peña CS, Benenati JF, Geisbüsch P. Direct Percutaneous Sac Injection for Postoperative Endoleak Treatment after EVAR. Global Embolization Symposium and Technologies (GEST). May 2012; New York, New York (oral presentation).
27. Uthoff H, Benenati M, Peña C, **Gandhi R**, Jager KA, Katzen BT. Lightweight Thyroid Collars for Superior Radiation Protection in Fluoroscopy-guided Interventions: a Randomized Controlled Trial. International Symposium on Endovascular Therapy (ISET). January 2013; Miami Beach, Florida.
28. Louie JD, Arepally A, Sze D, Benenati JF, Citron S, Bosley M, Fischman AM, Kim E; **Gandhi RT**, Rose S, Lewandowski R. Use of an Anti-Reflux Infusion System in Patients at High Risk for Gastrointestinal Nontarget Deposition during Radioembolization. The Symposium on Clinical Interventional Oncology (CIO). January 2013; Miami Beach, Florida.

29. Schernthaner MD, Benenati M, Katzen BT, Peña C, **Gandhi R**, Staub D, Uthoff H. Lightweight Bi-layer Barium Sulfate/Bismuth Oxide Composite for Superior Radiation Protection in Fluoroscopy-guided Interventions: A Prospective Randomized Controlled Trial. European Society Radiology (ESR) Annual Meeting. March 2013; Vienna, Austria.
30. Benenati M, **Gandhi RT**, Peña C, Uthoff H, Katzen BT. A Novel Lead-free Lightweight Material Provides Greater Radiation Protection Compared to Conventional Lead. Society of Interventional Radiology (SIR) Annual Meeting. April 2013; New Orleans, Louisiana.
31. Fischman A, Arepally A, Sze D, Kim E, Rose SC, Louie JD, **Gandhi R**, Lewandowski RJ, Benenati JF. Radioembolization without prophylactic coil embolization of patent proximal extrahepatic vasculature: use of an antireflux infusion system. CIRSE Annual Meeting. September 2013; Barcelona, Spain.
32. Schernthaner M, Benenati J, Bhandari A, Samuels S, Peña C, **Gandhi R**, Katzen B, Powell A. Single-Center Experience with Zilver PTX Drug-Eluting Stent for Treatment of Superficial Femoral Artery Lesions and In-stent Re-Stenoses. International Symposium on Endovascular Therapy (ISET). January 2014; Miami Beach, Florida. Abstract published in *Journal of Vascular and Interventional Radiology* 2014; 25(1): 156-157.
33. Figueroa NC, Baker R, **Gandhi RT**, Katzen BT. Transradial cardiac catheterization in a patient with primary Raynaud's phenomenon—complication and treatment. Cardiovascular and Interventional Radiological Society of Europe (CIRSE). September 2014; Glasgow, UK.
34. Baumann F, Katzen B, **Gandhi RT**, Benenati JF, Peña C. The Effect of Radiation Dose Reduction Technology on Endovascular Visceral Embolization Procedures. Society of Interventional Radiology (SIR) Annual Meeting. March 2015; Atlanta, Georgia.
35. Brown DB, Collins ZS, **Gandhi RT**, Sultenfuss MA, Siskin GP, Matrana MR, Peck SR, Meek JC, Mouli S, Banovac F. Baseline Data on the First 121 Enrolled Patients in the RESIN Registry. Symposium on Clinical Interventional Oncology (CIO). February 2017; Hollywood, Florida. Abstract published in *Journal of Vascular and Interventional Radiology* 2017; 28(2): 323.
36. Kim W, **Gandhi R**, Peña CS, Herrera RE, Schernthaner MB, Katzen BT. Effect of Intraluminal Thrombus on Clinical Outcomes and Aneurysm Sac Behavior after EVAR. International Symposium on Endovascular Therapy (ISET). February 2017; Hollywood, Florida.
37. Devulapalli K, Fidelman N, Soulen M, Miller M, Johnson M, El-Haddad G, Nutting C, Morrison J, Farsad K, Kaufman J, Lokken R, Bui J, Gaba R, Fleming J, Brown D, Kwan S, Rose S, Pennycooke K, Liu D, White S, **Gandhi R**, Kerlan R. Safety of Yttrium-90 Radioembolization for Patients with History of Biliary Tract Instrumentation: Final Results of a Multicenter Study. Society of Interventional Radiology (SIR) Annual Meeting. March 2017; Washington DC. (Featured Abstract) Abstract published in *Journal of Vascular and Interventional Radiology* 2017; 28(2S): S164-165.
38. Brown D, Weir M, Baker J, Shahin I, Collins Z, **Gandhi R**, Sultenfuss M, Abdel Aal A, Siskin G, Ruff N, Ganguli S, Peck S, Meek J, Matrana M, Petroziello M, Ryu R, Mouli S, O'Hara R, Fidelman N, Tong R, Vaheesan K, Banovac F. Radiation-Emitting SIR-Spheres in Non-Resectable Liver Tumor (RESIN) Registry: 15 Month Enrollment Update. Society of Interventional Radiology (SIR) Annual Meeting. March 2017; Washington DC.
39. Kim W, **Gandhi RT**, Peña CS, Herrera RE, Acuña JM, Katzen BT. Effect of Intraluminal Thrombus on Clinical Outcomes and Aneurysm Sac Behavior after Endovascular Abdominal Aortic Repair. Florida Vascular Society Annual Meeting. May 2017; Amelia Island, Florida.
40. Fidelman N, Devulapalli K, Soulen M, Miller M, Johnson M, El-Haddad G, Nutting C, Morrison J, Farsad K, Kaufman J, Lokken R, Bui J, Gaba R, Fleming J, Brown D, Kwan S, Rose S, Pennycooke K, Liu D, White S, **Gandhi R**, Kerlan R. Safety of Yttrium-90 Radioembolization for Patients with History of Biliary Tract Instrumentation: Final Results of a Multicenter Study. Abstract published in *Dig Dis Interv* 2017; 01(S01): S111-S142.
41. Peña CS, Benenati JF, Powell A, **Gandhi RT**, Schiro B, Alfen M, Katzen BT. Cone-beam CT-

- guided Percutaneous Procedures using Electromagnetic Tracking. Cardiovascular and Interventional Radiological Society of Europe Annual Meeting. September 2017; Copenhagen, Denmark.
42. Kim S, Peña CS, **Gandhi RT**, Herrera RE, Scherthaner MB, Acuña JM, Becerra VN, Katzen BT. Effect of Intraluminal Thrombus on Clinical Outcomes and Aneurysm Sac Behavior after Endovascular Abdominal Aortic Repair. *Annals of Vascular Surgery* 2018; 47(4).
 43. Mustapha JA on Behalf of Liberty 360 Principal Investigators. LIBERTY 360 Trial 2-Year Update. The Amputation Prevention Symposium (AMP). August 2018; Chicago, Illinois.
 44. Peña C, Benenati J, Powell A, **Gandhi R**, Schiro B, Van Alfen M, Katzen B. Improving the Interventional Radiology Lab Ergonomics Using a Novel Imaging System Geometry for Image-Guided Procedures. Society of Interventional Radiology Meeting (SIR) Annual Meeting. March 2019; Austin, Texas. Abstract Published in *Journal of Vascular and Interventional Radiology* 2019; 30(3S): S247.
 45. Ducaud C, Schiro B, Misono A, Benenati J, Chuong M, Powell A, Peña C, Veledar E, Saxena A, **Gandhi R**. Accuracy of Simple Visual Estimation in Assessment of Hepatic Volumes and Tumor Infiltration in Dose Calculation for Yttrium-90 Radioembolization. Society of Interventional Radiology Meeting (SIR) Annual Meeting. March 2019; Austin, Texas. Abstract Published in *Journal of Vascular and Interventional Radiology* 2019; 30(3S): S191.
 46. Peña C, Watch L, Benenati JF, Powell A, **Gandhi RT**, Schiro BJ, van Alfen M, Katzen BT. Improving Ergonomics Using a Novel Imaging System Geometry for Endovascular Procedures. Society of Vascular Surgery Meeting. June 2019; Washington DC. Abstract Published in *Journal of Vascular Surgery* 2019; 69(6): e175.
 47. Witte M, **Gandhi RT**. 3D Personalized Dosimetry for Yttrium-90 Microsphere Radioembolization of Liver Tumors. The Symposium on Clinical Interventional Oncology. Miami Beach, FL; October 12, 2019
 48. **Gandhi RT**. Targeted Intra-Arterial Gemcitabine: Impact on Survival in Patients with Locally Advanced Pancreatic Cancer – A New Treatment Paradigm. World Congress on Pancreatic Cancer and Liver Diseases. Tokyo, Japan; October 23, 2019. Abstract Published in *Journal of Blood Research & Hematologic Diseases* 2019; 4: 13.
 49. Manchec B, Koethe Y, Peña C, Schiro B, **Gandhi R**. Technical Considerations of Adrenal Ablation. Society of Interventional Radiology 2020 Annual Meeting. Virtual ePoster. March 28, 2020.
 50. Manchec B, **Gandhi R**. Overcoming Limitations in the Treatment of Locally Advanced Pancreatic Cancer with Transarterial Microperfusion Utilizing a Novel Dual Balloon Catheter. Society of Interventional Radiology 2020 Annual Meeting. Virtual ePoster. March 28, 2020.
 51. Brown D, Collins, Z, Krebs H, Brower J, Shahin I, O'Hara R, Ganguli S, Sultenfuss M, Wang E, Petroziello M, Vaheesan K, Matsuoka L, D'Souza D, Siskin G, Sze D, Golzarian J, Grilli C, Kamel A, Tong R, **Gandhi R**, Peck S, Akhter N, Hennemeyer C, Fidelman N, Meek J, Matrana M, Ryu R, Kim A, Davis C, Brown A, Sharma N, Kokabi N, Mohan P, Martin C, Davidson J, Westcott M, Kennedy A. Incidence and Risk Factors for Sustained Hepatic Function Toxicity 6 Months after Y90 Radioembolization: Interim Analysis of the Radiation-Emitting SIR-spheres in Non-resectable Liver Tumor (RESIN) Registry. Society of Interventional Radiology 2020 Annual Meeting; June 14, 2020.
 52. Alvarez D, **Gandhi R**, Chuong M, Gutierrez AN. Liver Contouring Technique for Resin Y90 Microspheres Liver Radioembolization. Virtual American Association of Physicists in Medicine (AAPM) Meeting; July 14, 2020
 53. Brown D, Collins, Z, Krebs H, Brower J, **Gandhi RT**, O-Hara R, Ganguli S, Wang E, Vaheesan K, Du Liping, Matsuoka L, D'Souza D, Sze D, Golzarian J, Grilli C, Peck S, Akhter N, Hennemeyer C, Fidelman N, Matrana M, Kim A, Davis C, Sharma N, Farsad K, Kokabi N, Mohan P, Martin C, Davidson J, Kennedy A, Siskin G, Shahin I, Petroziello M, Tong R, Meek J, Brown A, Ryu R, Abdel A, Westcott M. Outcomes and Toxicities 6 Months after Y90 Therapy: Associated Factors in 500

Non-peer Reviewed Publications

1. **Gandhi R.** Institute to Publish Positive Data on Visceral Aneurysm Repair. *Baptist Cardiac & Vascular Institute Newsletter*. Spring 2011
2. **Gandhi R,** Benenati JF. Y-90 Infusion Distal to Uncoiled Gastroduodenal Artery in a Patient with Partial Gastric Resection. *Surefire Medical Newsletter: Case Study*. April 2012.
3. **Gandhi R.** Radioembolization: Innovative Cancer Treatment Available. *Miami Vascular Specialists Newsletter*. May 2012
4. Uthoff H, **Gandhi R,** Katzen BT. Type Ia Endoleak Treatment Using EndoAnchors. *Endovascular Forum*.
5. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR News* 2012; 25(5): 18-20.
6. **Gandhi RT.** Pre-close Technique Avoids Surgical Incisions and Allows for Totally Percutaneous Endovascular Repair of Aortic Aneurysms. *News from Baptist Cardiac & Vascular Institute*. Fall 2012.
7. **Gandhi RT.** Seven Centimeter Hepatic Aneurysm using Penumbra Coil 400. *Penumbra Newsletter*. Fall 2012.
8. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR News* 2012; 25(6): 12-13.
9. Larcada A, **Gandhi R.** Liver Directed Therapy in Metastatic Colorectal Cancer. *Hope*. May 2013.
10. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2013; 1(2): 26-27.
11. **Gandhi RT.** Radioembolization. *Miami Vascular Specialists Newsletter*. June 2013.
12. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2013; 1(3): 24-25.
13. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2013; 1(4): 36-37.
14. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2014; 2(1): 36-37.
15. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2014; 2(2): 34-35.
16. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2014; 2(3): 32-33.
17. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2014; 2(4): 32-33.
18. **Gandhi RT.** Interventional Oncology: Minimally Invasive Treatment of Cancer. *Innovations in Imaging & Vascular Health*. Winter Issue 2015; 23.
19. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2014; 3(1): 36-37.
20. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2015; 3(2): 38.
21. **Gandhi RT.** Embolization: What's on Your Coil Technology Wish List? *Endovascular Today* 2015; 14(4): 78-79
22. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2015; 3(3): 32-33.
23. **Gandhi RT.** TACE and Radioembolization: The Robotic Catheter's Stability and Navigability Allow for Precise Embolization. *Interventional News* 2015; 5-6.
24. **Gandhi RT.** Heli-FX EndoAnchor System Used to Treat Type Ia Endoleak. *Aortic and Peripheral Vascular Magazine*. September 2015.
25. **Gandhi RT.** Evolution of Endovascular Technology: Robotics in Interventional Oncology. *Synergy Show Daily* 2015; 3-4.
26. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2016; 4(1): 34-35.
27. Homayoon B, Chung JBM, Liu DM, **Gandhi RT.** Intra-procedural Interaction with PACS in the Endovascular Suite Using the TIPS0 (Touchless Interaction with PACS in Sterile Operations) Imaging Navigation Device. NZ Technologies, Inc Brochure 2016.
28. **Gandhi RT.** LC Bead LUMI embolization of solitary hepatocellular carcinoma adjacent to the gallbladder and colon. Clinical Case Study Compendium.
29. **Gandhi RT.** LC Bead LUMI embolization of new hepatocellular carcinoma following prior treatment with ⁹⁰Y radioembolization. Clinical Case Study Compendium.
30. **Gandhi RT,** Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2016; 4(3): 34-35.
31. Liu, DM, **Gandhi RT.** Moderator for WWW Educate: What Would World Experts Do Under Challenging and Tricky Encounters for Liver Embolization, Lung Ablation, Renal and Adrenal Tumors, and Liver Mass Ablation. *Endovascular Today* 2016; 15(9): 4
32. **Gandhi RT,** Liu DM. Interventional Oncology: A Closer Look. *Endovascular Today* 2016; 15(9): 4

33. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* 2016; 4(4): 36-37.
34. **Gandhi RT**, Tournade C. Management of Inadvertent Placement of a Central Line in the Carotid Artery with a Closure Device and Embolic Protection Device. *ISET Today* 2017; Feb 8; 8-10.
35. Samuels S, Schiro, B, **Gandhi RT**. Joint Statement on Practice and View to the Future. *Interventional Oncology* 360; January 2017.
36. **Gandhi RT**. Q&A with CIO Course Director Ripal Gandhi, MD. *Interventional Oncology* 360; March 2017.
37. **Gandhi RT**. An Interview with Ripal T. Gandhi, MD, FSVM: Dr. Gandhi discusses his current research efforts in peripheral artery disease, venous disease, and interventional oncology and offers his best advice for radiation safety practices. *Endovascular Today* 2017; 16(3): 104-106.
38. **Gandhi RT**. Prevention and Management of Complications of Y-90 Therapy. *Interventional News* 2017; 65: 20-21.
39. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Spring 2017; 36-37.
40. **Gandhi RT**. Regrowing the Liver Before Cancer Surgery: A Grateful Patient's Story. *Baptist Health South Florida Website*. June 2017.
41. **Gandhi RT**. Takeaways from the Latest Clinical Trial Data. *Interventional Oncology* 360. July 2017.
42. **Gandhi RT**. Four Tips for Optimizing Tumor Board Participation. *Interventional Oncology* 360. September 2017.
43. **Gandhi RT**. Tumor Board: From Preparation to Practice Building. *Interventional Oncology* 360. September 2017.
44. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Summer 2017; 30-31.
45. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Fall 2017; 30-31.
46. **Gandhi RT**, Liu DM. Interventional Oncology: Precision in Practice. *Endovascular Today* 2017; 16(10):
47. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Winter 2018; 36-38.
48. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Spring 2018; 35-36.
49. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Winter 2019; 30-31.
50. Benenati JF, **Gandhi R**. Practice Profiles: Miami Cardiac & Vascular Institute. *IR Quarterly* Winter 2019; 18-19.
51. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Summer 2019; 34-35.
52. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Fall 2019; 32-33.
53. **Gandhi RT** Liu DM. Enhancing Interventional Oncology. *Endovascular Today* 2019; 18(10): 4.
54. **Gandhi RT**, Pena, C. Making Inroads with Interventional Oncology in the Treatment of Solid Tumors. *The ASCO Post*. Dec 10, 2019.
55. **Gandhi RT**. Tips to Avoid Y90 Disasters. *IO Learning*. Dec 18, 2019.
56. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Winter 2020; 34-35.
57. **Gandhi RT**. Image from the Experts. *Vascular Disease Management*. January 22, 2020
58. **Gandhi RT**, Ganguli S. Abstracts in the Current Literature. *IR Quarterly* Spring 2020; 38-39.
59. **Gandhi RT**. A Novel Dual-Balloon Catheter for the Treatment of Locally Advanced Pancreatic Cancer. *IO Learning*. June 9, 2020.
60. **Gandhi RT**. Early Experience Shows Caterpillar Embolization Device can be Accurately Deployed and can lead to Rapid Occlusion. *Interventional News*. June 25, 2020.
- 61.

Invited Lectures

1. **Gandhi RT**.
The Advent of Carotid Artery Stenting: Indications, Technique, Complications, and Evidence Based Clinical Outcomes
UCLA Medical Center Radiology Grand Rounds
Los Angeles, California; February 2005
2. **Gandhi RT**.
Comparative Evaluation of Vascular Interventional Practices at UCLA Medical Center and Asan Medical Center
Asan Medical Center Grand Rounds
Seoul, South Korea; July 5, 2009
3. **Gandhi RT**.
Interventional Oncology: Treatment of Tumors
International Symposium on Endovascular Therapy (ISET)

Hollywood, Florida; January 17, 2010

4. **Gandhi RT.**
Building a Thriving Vascular and Interventional Practice
Society of Interventional Radiology, 35th Annual Scientific Meeting
Tampa, Florida; March 14, 2010
5. Rochon P, **Gandhi RT**, Benenati JF.
Visceral Artery Aneurysms: BCVI Experience
Grand Rounds at Baptist Cardiac and Vascular Institute
Miami, Florida; May 10, 2010
6. **Gandhi RT.**
Renal and Visceral Artery Aneurysms: Pathophysiology, Diagnosis, and Management
Second Annual Baptist Cardiac and Vascular Institute International Symposium
Miami, Florida; July 16, 2010
7. **Gandhi RT.**
Diagnosis and Treatment of Pulmonary Embolism
Baptist Cardiac and Vascular Institute, Know on the Go
Miami, Florida; September 8, 2010
8. **Gandhi RT.**
Complications in Carotid and Peripheral Intervention
TCT 2010 Annual Meeting (Transcatheter Cardiovascular Therapeutics Meeting)
Washington DC; September 25, 2010
9. **Gandhi RT.**
Endovascular and Surgical Approaches to Critical Limb Ischemia in the Diabetic Patient
Limb Salvage Workshop, Barbados Diabetes Global Village Expo 2010
Bridgetown, Barbados; November 12, 2010
10. **Gandhi RT.**
Pre Radioembolization Angiographic Evaluation and Embolization: Tools of the Trade (i.e., Coils, Detachable Coils, Plugs, etc.)
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 18, 2010
11. **Gandhi RT.**
Yttrium-90 Radioembolization in the Treatment of Hepatic Malignancies
International Symposium on Endovascular Therapy (ISET)
Miami Beach, Florida; January 16, 2011
12. **Gandhi RT.**
Transcatheter Chemoembolization for Hepatocellular Carcinoma: Indications, Technique, and Outcomes
Baptist Cardiac and Vascular Institute, Know on the Go
Miami, Florida; April 13, 2011
13. **Gandhi RT.**
Preclose Technique For Percutaneous EVAR And TEVAR: A Step By Step Tutorial With Technical Pearls and Clinical Outcomes
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 17, 2011
14. **Gandhi RT.**
Abdominal Aortic Aneurysms: Endoleaks, Fenestrated Grafts, and Percutaneous
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 18, 2011
15. **Gandhi RT.**
Basic Preclose Techniques for Large Vessel Closure
International Symposium on Endovascular Therapy (ISET)

Miami Beach, Florida; January 18, 2012

16. **Gandhi RT.**
Retrieving IVC Filters: Advanced Techniques
International Symposium on Endovascular Therapy (ISET)
Miami Beach, Florida; January 19, 2012
17. **Gandhi RT.**
Diagnosis and Technical Management of Renal and Visceral Aneurysms
TCT 2012 Annual Meeting (Transcatheter Cardiovascular Therapeutics Meeting)
Miami Beach, Florida; October 22, 2012
18. **Gandhi RT.**
Endovascular Approaches to Acute and Chronic Mesenteric Ischemia
TCT 2012 Annual Meeting (Transcatheter Cardiovascular Therapeutics Meeting)
Miami Beach, Florida; October 22, 2012
19. **Gandhi RT.**
Radiofrequency Ablation (RFA) Complex Cases - Advanced Approaches and Adjunctive Techniques
Synergy 2012: A Multidisciplinary Approach to Interventional Oncology
Miami Beach, Florida; November 12, 2012
20. **Gandhi RT.**
Preclose Technique: Approach to Percutaneous Large Vessel Closure for EVAR, TEVAR, and TAVR.
Gore Access Alternatives -- Practical EVAR Workshop.
Miami, Florida; December 13, 2012.
21. **Gandhi RT.**
Renal and Visceral Aneurysms: Patient Evaluation and Treatment
International Symposium on Endovascular Therapy (ISET)
Miami Beach, Florida; January 20, 2013
22. **Gandhi RT.**
Preclose Technique: Approach to Large Vessel Arterial Closure for EVAR, TEVAR, and TAVR
Society of Interventional Radiology Annual Meeting
New Orleans, Louisiana; April 14, 2013
23. **Gandhi RT.**
Clinical Advances with the Amplatzer Vascular Plug 4 and Vascular Closure Devices
Society of Interventional Radiology Annual Meeting
New Orleans, Louisiana; April 15, 2013
24. **Gandhi RT.**
Penumbra's Ruby Detachable Coil -- Advancing Peripheral Embolizations
Society of Interventional Radiology Annual Meeting
New Orleans, Louisiana; April 16, 2013
25. **Gandhi RT.**
Introduction and Synopsis of Vascular Closure Devices
Society of Interventional Radiology Annual Meeting
New Orleans, Louisiana; April 16, 2013
26. **Gandhi RT.**
Indications, Techniques, and Tools for Aortoiliac Occlusive Disease: Simple to Complex
Cordis National Fellows Course
San Francisco, California; June 24, 2013
27. **Gandhi RT.**
RF Ablation: Practical Guide to Complex Cases
Synergy 2013: A Multidisciplinary Approach to Interventional Oncology
Miami Beach, Florida; October 18, 2013

28. **Gandhi RT.**
Abdominal Aortic Aneurysm Clinic: When to Follow and When to Treat
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 20, 2013
29. **Gandhi RT.**
Percutaneous Tumor Ablation: Protective Measures and Adjunctive Techniques
Tumor Ablation Workshop
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 21, 2013
30. **Gandhi RT.**
The New Frontier of Interventional Oncology - Minimally Invasive Treatment of Cancer
Baptist Health International - Keynote Speaker
Grand Cayman; December 5, 2013
31. **Gandhi RT.**
State of the Art in the Diagnosis and Treatment of Abdominal Aortic Aneurysms
Baptist Health International - Keynote Speaker
Grand Cayman; December 5, 2013
32. **Gandhi RT.**
Aorto-Iliac Case-Based Vascular Therapy
International Symposium on Endovascular Therapy (ISET)
Miami Beach, Florida; January 18, 2014
33. **Gandhi RT.**
Treatment Options for Extensive IVC and Right Atrial Thrombus
International Symposium on Endovascular Therapy (ISET)
Miami Beach, Florida; January 18, 2014
34. **Gandhi RT.**
Interventional Radiation Safety: Assessment and Implementation of Measures for Radiation Reduction
Performance Improvement Council
Miami, Florida; March 4, 2014.
35. **Gandhi RT.**
Percutaneous Large Vessel Closure for EVAR, TEVAR, and TAVR via a Preclose Technique
Gore EVAR Foundational Skills Workshop
Miami, Florida; April 3, 2014.
36. **Gandhi RT.**
Pathophysiology and Treatment of Radiation Induced Carotid Stenosis
3rd Annual Head & Neck Cancer Symposium: Screening, Detection, and Less Invasive Therapies
Miami, Florida; April 26, 2014
37. **Gandhi RT.**
New Endovascular Technologies and Techniques: Drug Eluting Balloons, Stents, and Bioresorbable Vascular Scaffolds
Miami Critical Limb Ischemia Symposium
Coral Gables, Florida; June 7, 2014
38. **Gandhi RT.**
Innovative Approaches to Occlusions
Miami Critical Limb Ischemia Symposium
Coral Gables, Florida; June 8, 2014
39. **Gandhi RT.**
Use of Vascular Robotics for Vascular Interventional Procedures – What is the Value Now and in the Future?
Endovascular & Coronary Revascularization in Seoul (ENCORE 2014)
Seoul, Korea; September 24, 2014

40. **Gandhi RT.**
Clinical and Endovascular Approach to Acute Limb Ischemia
Endovascular & Coronary Revascularization in Seoul (ENCORE 2014)
Seoul, Korea; September 26, 2014
41. **Gandhi RT.**
IVC Filter Retrieval: Basic and Advanced Techniques
VIVA – Vascular Interventional Advances Meeting
Las Vegas, Nevada; November 5, 2014
42. **Gandhi RT.**
Versatility of Clinical Applications of the Pioneer Plus Catheter in CTO True Lumen Re-Entry
VIVA – Vascular Interventional Advances Meeting
Las Vegas, Nevada; November 6, 2014
43. **Gandhi RT.**
Iliofemoral Deep Vein Thrombosis (DVT): Other Devices
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 17, 2014
44. **Gandhi RT.**
What are the Endovascular Tools That are Approved or Seeking Approval for Pulmonary Embolism and How to Use Them
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 17, 2014
45. **Gandhi RT.**
Peripheral Vascular Disease: Aortoiliac Case Based Techniques
Advanced Interventional Management (AIM) Symposium/VEITH Symposium
New York, New York; November 20, 2014
46. **Gandhi RT.**
New Interventional Therapies for Pulmonary Embolism
Venous Thromboembolism Symposium
Miami, Florida; December 13, 2014
47. **Gandhi RT.**
Time Out's Over: Operator's Session on Liver Mets
The Symposium on Clinical Interventional Oncology
Hollywood, Florida; January 31, 2015.
48. **Gandhi RT.**
Current Research Advances in Peripheral Artery Disease Therapy
Miami Cardiac and Vascular Institute Grand Rounds
Miami, Florida; February 10, 2015.
49. **Gandhi RT.**
New Frontiers in Embolization
Society of Interventional Radiology Annual Meeting
Atlanta, Georgia; March 2, 2015.
50. **Gandhi RT.**
Aneurysms: Thoracic Endograft
Society of Interventional Radiology Annual Meeting
Atlanta, Georgia; March 2, 2015.
51. **Gandhi RT.**
Large Vessel Percutaneous Closure Techniques for EVAR, TEVAR, and TAVR
Society of Interventional Radiology Annual Meeting
Atlanta, Georgia; March 3, 2015.
52. **Gandhi RT.**

Is Sealing the Entire Abdominal Aortic Aneurysm the Best Solution? (Presented during Endoleaks: Possible Solutions for Unsolved Problems)
Society of Interventional Radiology Annual Meeting
Atlanta, Georgia; March 3, 2015.

53. **Gandhi RT.**
Catheter, Microcatheter, and Guidewire Selection
Medtronic National Training Meeting
Huntington Beach, CA; May 29, 2015.
54. **Gandhi RT.**
Yttrium-90 Radioembolization in the Treatment of Hepatic Malignancies
Medtronic National Training Meeting
Huntington Beach, CA; May 29, 2015.
55. **Gandhi RT.**
Pre Radioembolization Angiographic Evaluation, Embolization, Catheter Selection, and Advanced Concepts
Medtronic National Training Meeting
Huntington Beach, CA; May 29, 2015.
56. **Gandhi RT.**
Hereditary Hemorrhagic Telangiectasia (HHT) and Pulmonary AVM
Medtronic National Training Meeting
Huntington Beach, CA; May 29, 2015.
57. **Gandhi RT.**
Endoleaks: Diagnosis and Treatment
Medtronic National Training Meeting
Huntington Beach, CA; May 29, 2015.
58. **Gandhi RT.**
Clinical Versatility of the Concerto Detachable Coils and the MicroVascular Plug in Peripheral Embolization.
Interventional Regional Round Table
Salt Lake City, Utah; June 18, 2015.
59. **Gandhi RT.**
Understanding Anatomy and Variants for Y-90 Radioembolization
VuMedi Webinar entitled: Radioembolization and Y-90: Mastering the Basics
July 13, 2015
60. **Gandhi RT.**
The SIRFLOX Trial: Clinical Outcomes and Implications
Miami Cancer Institute – Gastrointestinal Tumor Site Meeting
Miami, Florida; July 23, 2015
61. **Gandhi RT.**
Endovascular Aneurysm Repair: Competitive Landscape
Cordis Aneurysm Training Meeting
Miami Lakes, Florida; August 6, 2015
62. **Gandhi RT.**
New Frontiers in Embolotherapy
Interventional Regional Round Table
Scottsdale, Arizona; September 17, 2015.
63. **Gandhi RT.**
Interventional Strategies in Peripheral Arterial Disease and Venous Disease
Cordis Training Meeting
Miami Lakes, Florida; September 21, 2015
64. **Gandhi RT.**
Drug Coated Balloons: Different Drug Concentration Show Different Results “Levant Study II”

41st Congresso Brasileiro de Angiologia e de Cirurgia Vascular
Rio de Janeiro, Brasil; October 7, 2015

65. **Gandhi RT.**
State of the Art in Vascular Robotics: Clinical Applications and Potential Benefits
41st Congresso Brasileiro de Angiologia e de Cirurgia Vascular
Rio de Janeiro, Brasil; October 9, 2015
66. **Gandhi RT.**
Current Concepts and Innovation Developments in Radiation Safety
South Florida Society for Vascular Surgery
Key Largo, Florida; October 17, 2015
67. **Gandhi RT.**
New Frontiers in Vascular Embolization
Interventional Regional Round Table
Denver, Colorado; October 29, 2015
68. **Gandhi RT.**
Robots in the Angiosuite
Synergy: A Multidisciplinary Approach to Interventional Oncology
Miami Beach, Florida; November 7, 2015
69. **Gandhi RT.**
When Would AngioVac Be The Best Tool?
Advanced Interventional Management (AIM) Symposium
New York, New York; November 16, 2015
70. **Gandhi RT.**
Managing Complex Embolization Cases
Advanced Interventional Management (AIM) Symposium
New York, New York; November 17, 2015
71. **Gandhi RT.**
Embolization Devices and Liquid Embolics
Advanced Interventional Management (AIM) Symposium
New York, New York; November 19, 2015
72. **Gandhi RT.**
New Stents and Balloons
Advanced Interventional Management (AIM) Symposium
New York, New York; November 19, 2015
73. **Gandhi RT.**
Status of Robot-Assisted Endovascular Procedures
40th Annual Northwestern Vascular Symposium
Chicago, Illinois; December 11, 2015
74. **Gandhi RT.**
Here's the Scenario: Tumor Board on Metastatic Disease
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 6, 2016
75. **Gandhi RT.**
Radiation Safety: Practices to Minimize Exposure and Risk
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 6, 2016
76. **Gandhi RT.**
Techniques of Large Vessel Closure
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 6, 2016

77. **Gandhi RT.**
Case Based Aorto-Iliac Disease
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 7, 2016
78. **Gandhi RT.**
IVC Filter Removal: How I Do It
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 8, 2016
79. **Gandhi RT.**
Novel Clinical Applications in Embolotherapy
Interventional Regional Round Table
Milwaukee, Wisconsin; February 18, 2016
80. **Gandhi RT.**
Practical Considerations in Endovascular Management of Peripheral Vascular Disease
Cordis Training Meeting
Las Vegas, Nevada; March 15, 2016
81. **Gandhi RT.**
Endografts (Abdominal) Planning, Deployment, and Trouble-Shooting
Society of Interventional Radiology Annual Meeting
Vancouver, Canada; April 4, 2016.
82. **Gandhi RT.**
Endografts (Thoracic) Planning, Deployment, and Trouble-Shooting (Hands-On Workshop)
Society of Interventional Radiology Annual Meeting
Vancouver, Canada; April 4, 2016
83. **Gandhi RT.**
Advanced Access: Pedal (Hands-On Workshop)
Society of Interventional Radiology Annual Meeting
Vancouver, Canada; April 5, 2016
84. **Gandhi RT.**
Tour de Force: Complex Lower-Extremity Intervention
Society of Interventional Radiology Annual Meeting
Vancouver, Canada; April 5, 2016
85. **Gandhi RT.**
Yttrium-90 Delivery Systems
Society of Interventional Radiology Annual Meeting
Vancouver, Canada; April 6, 2016
86. **Gandhi RT.**
Yttrium-90 Radioembolization: Background, Clinical Data, SIRFLOX Trial, and RESIN Study
Presentation for Miami Cancer Institute Medical, Surgical and Radiation Oncology
Miami, Florida; April 12, 2016
87. **Gandhi RT.**
Live Case Presentation: TEVAR and Robotic Embolization of the Celiac Artery (ISET in China)
Asia Pacific Congress of Cardiovascular and Interventional Radiology
Suzhou, China; April 22, 2016
88. **Gandhi RT.**
Current Experience and Future of Vascular Robotics in IR
Asia Pacific Congress of Cardiovascular and Interventional Radiology
Suzhou, China; April 22, 2016
89. **Gandhi RT.**

Microguidewires: Distinguishing Differences and a Guide to Choosing
Global Embolization Symposium Technologies (GEST)
New York, New York; May 5, 2016

90. **Gandhi RT.**
Coils and Plugs (Hands-on Workshop)
Global Embolization Symposium Technologies (GEST)
New York, New York; May 5, 2016
91. **Gandhi RT.**
Radial Access (Hands-on Workshop)
Global Embolization Symposium Technologies (GEST)
New York, New York; May 6, 2016
92. **Gandhi RT.**
Management of Complex Renal Aneurysms
Global Embolization Symposium Technologies (GEST)
New York, New York; May 7, 2016
93. **Gandhi RT.**
New Interventional Therapies for DVT and PE
Deep Vein Thrombosis and Pulmonary Embolism Symposium
Miami, Florida; June 4, 2016
94. **Gandhi RT.**
DVT Interpretation and Treatment Algorithm
DVT: Interpretation, Access, and Treatment Protocol
Minneapolis, Minnesota; June 16, 2016
95. **Gandhi RT.**
Hands-On Workshop: Venous Access Techniques and Identification of Thrombus Under Fluoroscopy
DVT: Interpretation, Access, and Treatment Protocol
Minneapolis, Minnesota; June 16, 2016
96. **Gandhi RT.**
Common to Complex DVT Case Review and Complication Management
DVT: Interpretation, Access, and Treatment Protocol
Minneapolis, Minnesota; June 16, 2016
97. **Gandhi RT.**
Treatment of Aortoiliac Occlusive Disease – Case Based Approach with Practical Pearls
Western Angiographic & Interventional Society
Kauai, Hawaii; September 11, 2016
98. **Gandhi RT.**
Transfemoral vs. Transradial Arterial Access: Evidence and Safety
Western Angiographic & Interventional Society
Kauai, Hawaii; September 13, 2016
99. **Gandhi RT.**
Robotics: State of the Art in Endovascular Therapy
Western Angiographic & Interventional Society
Kauai, Hawaii; September 15, 2016
100. **Gandhi RT.**
Personalized Dosimetry for Y90 Radioembolization: Just the Right Amount
European Association of Nuclear Medicine Annual Meeting
Barcelona, Spain; October 17, 2016
101. **Gandhi RT.**
Visualizing What You Can't See: From Real-time Adjustments to Verified Embolization with LC Bead LUMI
Synergy: A Multidisciplinary Approach to Interventional Oncology

Miami Beach, Florida; November 4, 2016

102. **Gandhi RT.**

Transradial Access for Interventional Oncology
Transradial Intervention Course
Miami Beach, Florida; November 8, 2016

103. **Gandhi RT.**

Concerto Coils and Microvascular Plugs
Advanced Interventional Management (AIM) Symposium
New York, New York; November 15, 2016

104. **Gandhi RT.**

Vascular Applications of a Novel Embolic Plug Device
VEITH Symposium
New York, New York; November 16, 2016

105. **Gandhi RT.**

Workshop: Aortic Endografts
Advanced Interventional Management (AIM) Symposium
New York, New York; November 17, 2016

106. **Gandhi RT.**

Practical Approach to Y90 Dosimetry: Using the DAVYR App
VuMedi Webinar entitled: Y90, Why Not!?: Advanced Applications for Radioembolization
January 9, 2017

107. **Gandhi RT.**

Principles of Y90 Dosimetry
VuMedi Webinar entitled: Y90, Why Not!?: Advanced Applications for Radioembolization
January 9, 2017

108. **Gandhi RT.**

Diagnosis and Modern Management of Peripheral Artery Disease
UCLA Medical Center
February 2, 2017

109. **Gandhi RT.**

Hepatocellular Carcinoma with Vascular Invasion
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 4, 2017

110. **Gandhi RT.**

New Approaches to Embolization: See the Difference with LC Bead LUMI
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 4, 2017

111. **Gandhi RT.**

Management of Y-90 Complications: Ulcers, REILD, Pulmonary Toxicity and Others
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 4, 2017

112. **Gandhi RT.**

Case Based Aorto-Iliac Disease
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 5, 2017

113. **Gandhi RT.**

Hepatic Arterial Anatomy, Variants, and Vascular Optimization Prior to Yttrium-90 Radioembolization
University of Utah School of Medicine
February 24, 2017

114. **Gandhi RT.**

Treatment of Aortoiliac Aneurysm with Iliac Branch Device
Iliac Branch Device Workshop
Miami, Florida; March 16, 2017

115. **Gandhi RT.**

Following Talks Given:

- a. *Review of Clinical Data*
- b. *Review of Anatomy and Variants*
- c. *Dosimetry*
- d. *Management of High Lung Shunts*
- e. *Retreatment with Y90 Radioembolization*
- f. *Managing Patient Post-SIRT*

Proctor Led Y90 Radioembolization Preceptorship
Miami, Florida; May 25-26, 2017

116. **Gandhi RT.**

Following Talks Given:

- a. *Review of Clinical Data*
- b. *Review of Anatomy and Variants*
- c. *Dosimetry*
- d. *Management of High Lung Shunts*
- e. *Retreatment with Y90 Radioembolization*
- f. *Managing Patient Post-SIRT*

Proctor Led Y90 Radioembolization Preceptorship
Miami, Florida; June 1-2, 2017

117. **Gandhi RT.**

Update on Aortoiliac Disease and Case Based Approach to Management
Western Angiographic & Interventional Society
Santa Barbara, California; September 11, 2017

118. **Gandhi RT.**

Rapid Fire Arterial Run Down
Western Angiographic & Interventional Society
Santa Barbara, California; September 12, 2017

119. **Gandhi RT.**

Morbidity & Mortality: Splenic Rupture after Colonoscopy
Western Angiographic & Interventional Society
Santa Barbara, California; September 13, 2017

120. **Gandhi RT.**

Liver Directed Therapeutic Options for Patients with Primary and Metastatic Hepatic Malignancy
Miami Cardiac and Vascular Institute, Know on the Go
Miami, Florida; September 15, 2017

121. **Gandhi RT.**

Challenging Case Review: Trauma and Emergency Cases
Webinar
Miami, Florida; September 26, 2017

122. **Gandhi RT.**

Mapping and Anatomy
Yttrium-90 Radioembolization Advanced Training Program
Dallas, Texas; October 7, 2017

123. **Gandhi RT.**

Y-90 Radioembolization in Heavily Treated Patients
Yttrium-90 Radioembolization Advanced Training Program
Dallas, Texas; October 7, 2017

124. **Gandhi RT.**
Update on Aortoiliac Occlusive Disease & Case Based Approach to Management
Fellows Peripheral Vascular Disease Course (Bard)
Miami, Florida; October 20, 2017
125. **Gandhi RT.**
Advanced Coiling Techniques – Treatment Strategies and New Technology
Penumbra Embolization and Mechanical Thrombectomy Physician Course
Miami, Florida; November 6, 2017
126. **Gandhi RT.**
Drug Eluting Chemoembolization
Synergy: A Multidisciplinary Approach to Interventional Oncology
Miami Beach, FL; November 11, 2017
127. **Gandhi RT.**
Treatment of Pelvic Venous Reflux
Advanced Interventional Management (AIM) Symposium
New York, New York; November 13, 2017
128. **Gandhi RT.**
Hands-On Workshop: Crossing Devices, Balloons, Stents, and Atherectomy Devices
Advanced Interventional Management (AIM) Symposium
New York, New York; November 14, 2017
129. **Gandhi RT.**
SIR-Sphere Dosimetry
Y90: The Complete Course
La Jolla, California; January 11, 2018
130. **Gandhi RT.**
Metastatic Colorectal Cancer Complex Case: How I Do It – Stem to Stern
Y90: The Complete Course
La Jolla, California; January 12, 2018
131. **Gandhi RT.**
Hepatocellular Carcinoma with Vascular Invasion and High Lung Shunt
Y90: The Complete Course
La Jolla, California; January 13, 2018
132. **Gandhi RT.**
Arterial Dissection During Y90 Angiography
Y90: The Complete Course
La Jolla, California; January 13, 2018
133. **Gandhi RT.**
Clinical Versatility of the Microvascular Plug and Concerto Coil in Peripheral Embolization
Mexico City, Mexico; January 18, 2018
134. **Gandhi RT.**
Following Talks Given:
g. Review of Clinical Data
h. Review of Anatomy and Variants
i. Dosimetry
j. Prevention and Management of Complications
k. Red Flags and Cautions with Y90
l. Managing Patient Post-SIRT
Proctor Led Y90 Radioembolization Preceptorship
Miami, Florida; January 21-22, 2018
135. **Gandhi RT.**
Case Based Aorto-Iliac Disease

International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 3, 2018

136. **Gandhi RT.**

Advanced Y90 Dosimetry: Practical Tips, Tricks, and Tools to Optimize Response
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 3, 2018

137. **Gandhi RT.**

Heads-Up: Red Flags and Cautions in Y90
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 3, 2018

138. **Gandhi RT.**

Workout at the Y: Operator's Session on Radioembolization
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 3, 2018

139. **Gandhi RT.**

Embolic Selection and Techniques in the Management of Endoleaks, Pulmonary AVMs, and Aneurysms: A Case-Based Presentation
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 4, 2018

140. **Gandhi RT.**

Challenging Case Review: Trauma and Emergent Cases
Symposium on Clinical Interventional Oncology (CIO)
Hollywood, Florida; February 4, 2018

141. **Gandhi RT.**

Preclose Techniques for Success
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 4, 2018

142. **Gandhi RT.**

Angiojet Hands On Workshop
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; February 5, 2018

143. **Gandhi RT.**

Extreme IR Pardon My Intervention – Management of Iliac Artery Complication
Society of Interventional Radiology Annual Meeting
Los Angeles, CA; March 17, 2018

144. **Gandhi RT.**

Best of ISET – PAD: Techniques for Aortoiliac Intervention
Society of Interventional Radiology Annual Meeting
Los Angeles, CA; March 19, 2018

145. **Gandhi RT.**

Best of ISET – PAD: Iliac Occlusive Disease - Case Presentation
Society of Interventional Radiology Annual Meeting
Los Angeles, CA; March 19, 2018

146. **Gandhi RT.**

Pedal Access: Technique, Tips, and Tricks
Society of Interventional Radiology Annual Meeting
Los Angeles, CA; March 20, 2018

147. **Gandhi RT.**

Infrapopliteal Arterial Intervention - Complication
Society of Interventional Radiology Annual Meeting

Los Angeles, CA; March 20, 2018

148. **Gandhi RT.**
Drug Coated Balloons in the Management of Dysfunctional AV Fistulae
Miami Cardiac & Vascular Institute
Miami, FL; May 1, 2018
149. **Gandhi RT.**
Discussing Y-90 at Tumor Board from the IR and Medical Oncologist Perspectives
Global Embolization Symposium and Technologies (GEST)
Miami Beach, FL; May 17, 2018
150. **Gandhi RT.**
Hands-on Workshop: Coils and Plug
Global Embolization Symposium and Technologies (GEST)
Miami Beach, FL; May 17-18, 2018
151. **Gandhi RT.**
Embolization for Symptomatic Varicoceles: Patient Selection and Outcomes including Adolescent
Global Embolization Symposium and Technologies (GEST)
Miami Beach, FL; May 18, 2018
152. **Gandhi RT**
Hands-on Workshop: Ablation
Global Embolization Symposium and Technologies (GEST)
Miami Beach, FL; May 19, 2018
153. **Gandhi RT.**
Preventing Complications – Pitfalls and Dangers in Y90 Radioembolization
VuMedi Webinar entitled: Current Concepts and Applications for Y90 Radioembolization
May 21, 2018
154. **Gandhi RT.**
Advances in Yttrium-90 Radioembolization in the Management of Hepatic Malignancies
Miami Cardiac and Vascular Institute, Know on the Go
Miami, Florida; June 5, 2018
155. **Gandhi RT.**
Treatment of Pelvic Venous Reflux: A Practical Approach
Essentials in the Endovenous Treatment of Superficial Venous Disease
Providence, Rhode Island; June 9, 2018
156. **Gandhi RT.**
Renovo Rx TIGeR-PaC Clinical Trial for Locally Advanced Pancreatic Cancer
Miami Cancer Institute and Miami Cardiac & Vascular Institute Dinner Lecture
Miami Beach, Florida; June 19, 2018
157. **Gandhi RT.**
Trends in Metastatic Colorectal Cancer, Y90 Clinical Data Review, and Future of Dosimetry
Sirtex Sponsored Educational Dinner Program
Palo Alto, California; July 23, 2018
158. **Gandhi RT.**
Pathophysiology of Thrombus: Why is Clot So Difficult to Remove?
DVT: Diagnosis, Intervention, and Patient Management
Minneapolis, Minnesota; September 13, 2018
159. **Gandhi RT.**
Venous Disease Management: Correlating Thrombus to Therapy
DVT: Diagnosis, Intervention, and Patient Management
Minneapolis, Minnesota; September 13, 2018

160. **Gandhi RT.**
Deliver Durability: Patient Management Strategies to Optimize Outcomes
DVT: Diagnosis, Intervention, and Patient Management
Minneapolis, Minnesota; September 13, 2018
161. **Gandhi RT.**
DVT Venous Case Review and Complication Management
DVT: Diagnosis, Intervention, and Patient Management
Minneapolis, Minnesota; September 13, 2018
162. **Gandhi RT.**
Treatment of Pelvic Venous Disease: A Practical Approach
Essentials in the Endovenous Treatment of Superficial Venous Disease
Chicago, Illinois; September 15, 2018
163. **Gandhi RT.**
Pre and Post Procedural Management of Patients Treated with Liver Directed Arterial Therapy
Miami Cardiac and Vascular Institute, Know on the Go
Miami, Florida; September 25, 2018
164. **Gandhi RT.**
Dosing Off – Primer in Y90 Dosimetry
Western Angiographic & Interventional Society
Maui, Hawaii; October 8, 2018
165. **Gandhi RT.**
Complication Management Following Hepatic Embolization
Western Angiographic & Interventional Society
Maui, Hawaii; October 10, 2018
166. **Gandhi RT.**
Interventional Oncology: Current Status at MCVI and Future Directions
Past, Present and Future of IR and IR Training – An Outcomes Analysis
Miami Beach, Florida; October 19-21, 2018
167. **Gandhi RT.**
Management of Vascular Invasion with High Lung Shunt
Y90 Radioembolization Proctor Meeting
Chicago, Illinois; November 2, 2018
168. **Gandhi RT.**
Radiation Segmentectomy
Y90 Radioembolization Proctor Meeting
Chicago, Illinois; November 2, 2018
169. **Gandhi RT.**
What's New in Critical Limb Ischemia
Spectrum
Miami Beach, Florida; November 3, 2018
170. **Gandhi RT.**
Role of IR in the Management of Varicocele
Spectrum
Miami Beach, Florida; November 4, 2018
171. **Gandhi RT.**
Advanced Techniques in the Contemporary Management of Complex Aortoiliac Occlusive Disease
Advanced Interventional Management (AIM) Symposium
New York, New York; November 13, 2018
172. **Gandhi RT.**

Pedal Access: When and How I Do It
Advanced Interventional Management (AIM) Symposium
New York, New York; November 13, 2018

173. **Gandhi RT.**

Recent Trials Involving Y90
Society of Interventional Radiology – Y90: The Complete Course
San Francisco, California; January 17, 2019

174. **Gandhi RT.**

Morbidity and Mortality: Hepatic Artery Dissection and Pseudoaneurysm
Society of Interventional Radiology – Y90: The Complete Course
San Francisco, California; January 18, 2019

175. **Gandhi RT.**

Case Based Aorto-Iliac Disease
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; January 27, 2019

176. **Gandhi RT.**

Hypotension after Arterial Intervention: Management of Retroperitoneal Hemorrhage
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; January 27, 2019

177. **Gandhi RT.**

Pulmonary Arteriovenous Malformations: Addressing the Disease, Economic Burden, and Best Treatment Options
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; January 29, 2019

178. **Gandhi RT.**

Y90 Dosimetry Review
National Y90 Course for New Users and Fellows
Dallas, Texas; April 27, 2019

179. **Gandhi RT.**

Hands-on Workshop: Radial Access
Global Embolization Symposium and Technologies (GEST)
New York, NY; May 10, 2019

180. **Gandhi RT.**

SIR-Spheres Resin Y-90 Dosimetry: Strategies to Personalize Dose for Optimal Response
Global Embolization Symposium and Technologies (GEST)
New York, NY; May 10, 2019

181. **Gandhi RT.**

Treatment of Hemorrhage
Global Embolization Symposium and Technologies (GEST)
New York, NY; May 11, 2019

182. **Gandhi RT.**

Splenic Embolization for Reduction of Portal Pressure
Global Embolization Symposium and Technologies (GEST)
New York, NY; May 11, 2019

183. **Gandhi RT.**

Interventional Oncology: State of the Art Minimally Invasive Therapies for Cancer
Miami Cardiac & Vascular Institute International Symposium
Miami, FL; August 9, 2019

184. **Gandhi RT.**

Development and Implementation of Multidisciplinary Oncology Teams
UPMC Pinnacle Health System Rounds

Harrisburg, PA; August 15, 2019

185. **Gandhi RT.**
Red Flags and Warnings: A Practical Approach to Avoiding Complications with Y90 Therapy
Radioembolization KOL Webinar
September 5, 2019
186. **Gandhi RT.**
Essential Hepatic Arterial Anatomy: Overview of Variants, Redistribution, and Technical Pearls
Y90 Summit
Miami Beach, FL; October 10, 2019
187. **Gandhi RT.**
Tips to Avoiding Y90 Disasters
The Symposium on Clinical Interventional Oncology (CIO)
Miami Beach, FL; October 11, 2019
188. **Gandhi RT.**
Hepatic Arterial Anatomy: The Essentials
The Symposium on Clinical Interventional Oncology (CIO)
Miami Beach, FL; October 11, 2019
189. **Gandhi RT.**
Targeted Intra-Arterial Gemcitabine: Impact on Survival in Patients with Locally Advanced
Pancreatic Cancer – A New Treatment Paradigm.
World Congress on Pancreatic Cancer and Liver Diseases
Tokyo, Japan; October 23, 2019.
190. **Gandhi RT.**
Femoral Access and Alternative Access (Popliteal, Pedal) are Still Standard for Many Vascular
Procedures: Know Your Exit Options
Advanced Interventional Management (AIM) Symposium
New York, New York; November 19, 2019.
191. **Gandhi RT.**
Endo or Extra Vascular Bypass Versus Surgery: Techniques and Results of the Zilver PASS and
Detour Clinical Trials
Advanced Interventional Management (AIM) Symposium
New York, New York; November 19, 2019.
192. **Gandhi RT.**
Contemporary Techniques for the Management of Peripheral Aneurysms: A Case Based Approach
Advanced Interventional Management (AIM) Symposium
New York, New York; November 19, 2019.
193. **Gandhi RT.**
Endovascular Treatment of Visceral and Renal Aneurysms with Detachable Coils: Technical Tips,
Limitations, and Results
VEITH Symposium
New York, New York; November 21, 2019.
194. **Gandhi RT.**
Current Management of Metastatic Colorectal Cancer and Hepatocellular Carcinoma
Tufts University Medical Center
Boston, Massachusetts; December 6, 2019.
195. **Gandhi RT.**
Visceral/Hepatic Vascular Anatomy and Mapping
Miami Hepatic Oncology Symposium
Aventura, Florida; December 14, 2019.
196. **Gandhi RT.**

Radiomicrosphere Therapy Treatment Planning
Miami Hepatic Oncology Symposium
Aventura, Florida; December 14, 2019.

197. **Gandhi RT.**
Y-90 Dosimetry
Spectrum
Miami Beach, Florida; January 18, 2020.
198. **Gandhi RT.**
Metastatic Colorectal Cancer Tumor Board
Spectrum
Miami Beach, Florida; January 18, 2020.
199. **Gandhi RT.**
Aorto-Iliac Disease: A Case Based Presentation
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; January 22, 2020
200. **Gandhi RT.**
Embolization Strategies and Techniques in the Management of Hemorrhage
International Symposium on Endovascular Therapy (ISET)
Hollywood, Florida; January 24, 2020
201. **Gandhi RT.**
Intercalating Y-90 into Consolidation and 2nd Line Therapies
Society of Interventional Radiology – Y90: The Complete Course
San Francisco, California; January 26, 2020
202. **Gandhi RT.**
Colorectal Cancer Tumor Board
Society of Interventional Radiology – Y90: The Complete Course
San Francisco, California; January 26, 2020
203. **Gandhi RT.**
Angiographic Anatomy, Variants, and Technical Tips, Tricks, and Pearls: A Practical Case Based
Approach to Y90 Mapping and Therapy
Philadelphia Angiography and Interventional Radiology Society (PAIRS)
Philadelphia, Pennsylvania; February 17, 2020
204. **Gandhi RT.**
Evolving Concepts in Dosimetry
University of Texas Health Science Center at Houston
Houston, Texas; February 28, 2020
205. **Gandhi RT.**
Optimizing Dose for Y90 Radioembolization (Virtual Lecture)
Cleveland Clinic
Cleveland, Ohio; March 3, 2020
206. **Gandhi RT.**
Critical Angiographic Anatomy, Vascular Variants, and Technical Pearls: A Practical Case Based
Approach to Y90 Mapping and Therapy (Virtual Lecture)
University of Michigan
Ann Arbor, Michigan March 23, 2020
207. **Gandhi RT.**
Locoregional Management of Metastatic Colorectal Cancer: Role of Ablation and Yttrium-90
Radioembolization (Virtual Lecture)
University of Michigan
Ann Arbor, Michigan March 24, 2020

208. **Gandhi RT.**
Is the Juice Worth the Squeeze: An In Depth Analysis of the Y90 Trials for HCC
Virtual Webinar
April 14, 2020
209. **Gandhi RT.**
State-of-the-Art Minimally Invasive Therapies for Cancer
Miami Cancer Institute
Miami, Florida; July 17, 2020
210. **Gandhi RT.**
Complications of Yttrium-90 Liver Radioembolization
Miami Cancer Institute Radiation Oncology Morbidity & Mortality Conference
Miami, Florida; August 21, 2020
211. **Gandhi RT.**
Endovascular Emergencies: Ruptured Mesenteric Aneurysm
International Symposium on Endovascular Therapy (ISET) Webinar
August 31, 2020
212. **Gandhi RT.**
Locoregional Therapy for Breast Cancer Metastatic Disease
Miami Cancer Institute Breast Oncology Conference
Miami, Florida; September 17, 2020
213. **Gandhi RT.**
Diagnosis and Management of Visceral Aneurysms of Uncommon Etiology (SAM, FMD, ...)
Global Embolization Symposium and Technologies (GEST)
September 13, 2020
- 214.
- 215.

Fellows Lectures

1. **Gandhi RT.**
Pre Radioembolization Hepatic Angiographic Evaluation and Technical Considerations
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; June 15, 2012.
2. **Gandhi RT.**
Hepatic Vascular Anatomy: Why is it Important?
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; August 3, 2012.
3. **Gandhi RT.**
Radioembolization: Patient Selection, Technical Details, and Clinical Outcomes
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; October 2, 2012.
4. **Gandhi RT.**
Hepatocellular Carcinoma: Patient Work-up, Clinical Data, and Outcomes
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; June 2, 2013.

5. **Gandhi RT.**
Image Guided Ablation: Adjunctive Techniques for Complex Cases
Miami, Florida; October 17, 2013
6. **Gandhi RT.**
Hepatic Vascular Anatomy: Why is it Important?
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; November 15, 2013.
7. **Gandhi RT.**
Yttrium-90 Radioembolization for the Treatment of Hepatocellular Carcinoma and Metastatic Disease
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; December 16, 2013.
8. **Gandhi RT.**
Hepatic Vascular Anatomy Relevant to Yttrium-90 Radioembolization – Part 1
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; October 20, 2014.
9. **Gandhi RT.**
Hepatic Vascular Anatomy Relevant to Yttrium-90 Radioembolization – Part 2
Baptist Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; November 24, 2014.
10. **Gandhi RT.**
Utilization of the Pioneer Plus Catheter in CTO True Lumen Re-Entry.
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; May 5, 2015.
11. **Gandhi RT.**
The SIRFLOX Trial: Clinical Outcomes and Implications
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; July 22, 2015
12. **Gandhi RT.**
Abdominal Aortic Aneurysms: Pathophysiology, Natural History, and Endovascular Treatment
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; August 3, 2015
13. **Gandhi RT.**
Management of Hepatocellular Carcinoma
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; September 1, 2015
14. **Gandhi RT.**
Angiographic Anatomy Relevant to Liver-Directed Therapy
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; September 14, 2015
15. **Gandhi RT.**
Yttrium-90 Radioembolization: Preprocedural Workup, Intervention, and Clinical Data
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; October 12, 2015
16. **Gandhi RT.**
Y90 Radioembolization: Clinical Data and Results
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; September 27, 2016
17. **Gandhi RT.**
Interventional Oncology Review: Most Important Published Papers in 2016-2017
Miami Cardiac and Vascular Institute, Fellow Lecture

Miami, Florida; March 3, 2017

18. **Gandhi RT.**
Must Know Vascular Anatomy for Y90 Radioembolization and Liver Directed Therapy
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; March 31, 2017
19. **Gandhi RT.**
Yttrium 90 Radioembolization Dosimetry 101
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; June 2, 2017
20. **Gandhi RT.**
Treatment Algorithm for Hepatocellular Carcinoma
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; September 25, 2017
21. **Gandhi RT.**
Chemoembolization: Technique and Clinical Outcomes
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; October 23, 2017
22. **Gandhi RT.**
Advances in Liver Directed Therapy
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; June 5, 2018
23. **Gandhi RT.**
Overview of Interventional Oncology
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; August 27, 2018
24. **Gandhi RT.**
Hepatic Arterial Anatomy and Variants
Miami Cardiac and Vascular Institute, Fellow Lecture
Miami, Florida; September 4, 2018
25. **Gandhi RT.**
Overview of Hepatocellular Carcinoma and Treatment Options
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; October 23, 2018
26. **Gandhi RT.**
Y90 Dosimetry
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; January 14, 2019
27. **Gandhi RT.**
Liver Directed Therapy
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; August 12, 2019
28. **Gandhi RT.**
Advances in Dosimetry for Yttrium-90 Radioembolization
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; September 9, 2019
29. **Gandhi RT.**
Consolidation and Flow Modification Techniques for Liver Directed Therapy
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; April 21, 2020

30. **Gandhi RT.**
Management of Ruptured Mesenteric Aneurysms
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; May 5, 2020
31. **Gandhi RT.**
The Evolution of Y90 Dosimetry
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; June 2, 2020
32. **Gandhi RT.**
Management of Aortoiliac Occlusive Disease
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; July 31, 2020
33. **Gandhi RT.**
Overview of Liver Directed Therapy
Miami Cardiac & Vascular Institute, Fellows Lecture
Miami, Florida; August 17, 2020
- 34.

Honors and Awards

Alpha Omega Alpha (AOA) Honor Society

International Visiting Scholar – Asan Medical Center in Seoul, Korea (6/09-7/09)
 America's Best Physicians – by National Consumer Advisory Board (2016, 2017, 2018, 2019, 2020)
 America's Most Honored Doctors (2020)
 Florida's Top Docs (2020)
 Compassionate Doctor Award (2020)
 On-Time Doctor Award (2020)
 Top Doctor (2017, 2020)
 Leading Physicians of the World (2017, 2018)
 Worldwide Leader in Healthcare – by International Assoc of HealthCare Professionals (2016)
 IBC Top 100 Health Professionals Distinction Award (2015)
 Patients' Choice Recognition Award (2008-2011, 2020)
 Patients' Choice Award for America's Most Compassionate Doctors (2009)
 Physician of the Quarter Performance Achievement Award -
 Baptist Cardiac & Vascular Institute (July-September 2012)
 Physician of Month Award - Baptist Cardiac and Vascular Institute (5/2011)
 Society of Interventional Radiology Leadership Development Academy (2011)
 RSNA Resident/Fellow Research Award
 Resident-in-Training Scholarship for 2005 Society of Interventional Radiology (SIR) Annual
 Scientific Meeting
 American College of Physicians Award for *Best Performance in Medicine*
 Phi Beta Kappa Honor Society
 Golden Key National Honor Society
 Alpha Lambda Delta Scholastic Honor Society
 Edward J. Bloustein Scholarship
 Robert C. Byrd Scholarship
 Federal Employee Education & Assistance Fund (FEEA) Scholarship
 Medical Student Research Scholarship
 National Institutes of Health (NIH) Research Scholarship

Scientific and Professional Society Membership

American Medical Association (1997-Current)
 International Society of Endovascular Specialists (2009-Current)
 Society of Interventional Radiology (2003-Current)
 Society for Vascular Medicine (2012-Current), Fellow of the Society for Vascular Medicine
 The Pulmonary Embolism Response Team (PERT) Consortium (2019-Current)

Radiological Society of North America (2003-Current)
South Florida Angio Club (2009-Current)
Miami Cancer Club (2014-Current)
SIRPAC - Society of Interventional Radiology Political Action Committee (2012-Current)
Southern California Interventional Radiological Society (2005-Current)
Los Angeles Radiological Society (2005-Current)
Association of University Radiologists (2006-Current)
Indian Medical Society of Southern California (2006-Current)
Society of Cardiovascular Computed Tomography (2007-Current)
West Los Angeles Angiography Club (2007-Current)
International Society of Extremity MRI in Rheumatology (2007-Current)
European Society of Radiology (2008-Current)
American College of Radiology (2003-Current)
Florida Radiological Society (2009-Current)
Honors Program in Medical Education Student Advisor (1997-Current)
American Association of Physicians of Indian Origin (1997-Current)
Northwestern University Loyal Davis Surgical Society, Founder

Teaching Experience

Vascular & Interventional Radiology Fellow Training and Education at Baptist Cardiac and Vascular Institute / Miami Vascular Institute (September 2009-Current)
Vascular & Interventional Radiology Case Review for Asan Medical Center Residents in Seoul, South Korea (June-July 2009)
Vascular & Interventional Radiology Resident Training and Education at UCLA Medical Center (July 2008-June 2009)
Radiology Board Review for UCLA Radiology Residents (2007-2009)
Radiology Board Review for Kaiser Permanente Radiology Residents (2007-2009)
Teaching Assistant for Gross Anatomy, Northwestern Medical School (2000-2001)
Teaching Assistant for Biological Aspects of Disease, Northwestern University (1997)

Fellows Trained

Yilun Koethe, M.D. (2019-2020), Miami Cardiac and Vascular Institute
Arian Nasiri, M.D. (2019-2020), Miami Cardiac and Vascular Institute
Andrew Niekamp, M.D. (2019-2020), Miami Cardiac and Vascular Institute
Erich Russell, D.O. (2019-2020), Miami Cardiac and Vascular Institute
Elena Violari, M.D. (2019-2020), Miami Cardiac and Vascular Institute
Mustafa Haddad, M.D. (2018-2019), Miami Cardiac and Vascular Institute
Grafe Gray Lyons, M.D., Ph.D. (2018-2019), Miami Cardiac and Vascular Institute
Bo Liu, M.D. (2018-2019), Miami Cardiac and Vascular Institute
Vin Mathur, M.D. (2018-2019), Miami Cardiac and Vascular Institute
Raj Shah, M.D. (2018-2019), Miami Cardiac and Vascular Institute
Raisa Durrani, M.D. (2017-2018), Miami Cardiac and Vascular Institute
Christopher Harnain, M.D. (2017-2018), Miami Cardiac and Vascular Institute
Xhorlina Marko, M.D. (2017-2018), Miami Cardiac and Vascular Institute
Alex Misono, M.D. (2017-2018), Miami Cardiac and Vascular Institute
Edgar St. Amour, M.D. (2017-2018), Miami Cardiac and Vascular Institute
Ramsey Al-Hakim, M.D. (2016-2017), Miami Cardiac and Vascular Institute
Ashley Adamovich, M.D. (2016-2017), Miami Cardiac and Vascular Institute
Alok Bhatt, M.D. (2016-2017), Miami Cardiac and Vascular Institute
Bruce Bordlee, M.D. (2016-2017), Miami Cardiac and Vascular Institute
Paul Rotolo, M.D. (2016-2017), Miami Cardiac and Vascular Institute
Yolanda Bryce, M.D. (2015-2016), Miami Cardiac and Vascular Institute
Kyle Cooper, M.D. (2015-2016), Miami Cardiac and Vascular Institute
Behrang Homayoon, M.D. (2015-2016), Miami Cardiac and Vascular Institute
Amardeep Johar, M.D. (2015-2016), Miami Cardiac and Vascular Institute
Robert Tartaglione, M.D. (2015-2016), Miami Cardiac and Vascular Institute
Reha Butros, M.D. (2014-2015), Miami Cardiac and Vascular Institute
Charles McGraw, M.D. (2014-2015), Miami Cardiac and Vascular Institute
Emerson Sharpe, M.D. (2014-2015), Miami Cardiac and Vascular Institute
Jaime Wagner, M.D. (2014-2015), Miami Cardiac and Vascular Institute
Timothy Yates, M.D. (2014-2015), Miami Cardiac and Vascular Institute
Hyun Bang, M.D. (2013-2014), Baptist Cardiac and Vascular Institute

Aseem Bhandari, M.D. (2013-2014), Baptist Cardiac and Vascular Institute
Dan Brown, M.D. (2013-2014), Baptist Cardiac and Vascular Institute
Cuong (Ken) Lam, M.D. (2013-2014), Baptist Cardiac and Vascular Institute
Mohammad Reza Rajebi, M.D. (2013-2014), Baptist Cardiac and Vascular Institute
Peter Biegler Biegler III, M.D. (2012-2013), Baptist Cardiac and Vascular Institute
Matthew V. Cronin, M.D. (2012-2013), Baptist Cardiac and Vascular Institute
Juan F. Gomez, M.D. (2012-2013), Baptist Cardiac and Vascular Institute
Andrew M. Hall, M.D. (2012-2013), Baptist Cardiac and Vascular Institute
Reginald Baker, M.D. (2011-2012), Baptist Cardiac and Vascular Institute
Frank Contreras, M.D. (2011-2012), Baptist Cardiac and Vascular Institute
Brookes Ezell, M.D. (2011-2012), Baptist Cardiac and Vascular Institute
Andrew McBride, M.D. (2011-2012), Baptist Cardiac and Vascular Institute
Keri Campbell, D.O. (2010-2011), Baptist Cardiac and Vascular Institute
Joseph Couvillon, M.D. (2010-2011), Baptist Cardiac and Vascular Institute
Michael Nguyen, M.D. (2010-2011), Baptist Cardiac and Vascular Institute
Trey Pham, M.D. (2010-2011), Baptist Cardiac and Vascular Institute
Derek Mittleider, M.D. (2009-2010), Baptist Cardiac and Vascular Institute
Amer Naiem, M.D. (2009-2010), Baptist Cardiac and Vascular Institute
Paul Rochon, M.D. (2009-2010), Baptist Cardiac and Vascular Institute
Brian Schiro, M.D. (2009-2010), Baptist Cardiac and Vascular Institute

Medical Student Mentor

Varsha Ramnarine (2012-2013) – Florida International University (FIU)

FIU Medical Student Clinical Education

Rohit Raj (2010-2011)
Zaid Sheikh (August 2010)
Rakesh Nair (December 2010)
Edibelto Alvarez (October 2011)
Adam El Kommos (February 2012)
Hans Michell (March-April 2012)
Anit Rastogi (June-July 2012)
Kaiming Wu (June-July 2012)
Gillian Generoso (September 2012)
Eric Heckert (September 2012)
Molly Garland (September 2012)
Varsha Ramnarine (2012-2013)
George Wayne (November-December 2012)
Nicholas Figueroa (January 2013)
Christine Matthews (January 2013)
Boris Hristov (February–March 2013)

Postgraduate, CME Courses, and Visiting Faculty Positions

1. Faculty, *International Symposium on Endovascular Therapy (ISET) 2010*
Abstract Reviewer
Moderator: Concurrent Session A - Scientific Paper Presentations
Live Case Presentation 1: SMA intervention in patient with subacute mesenteric ischemia
Live Case Presentation 2: Percutaneous repair of enlarging abdominal aortic aneurysm (AAA)
Live Case Presentation 3: EVAR: How to deal with severe neck angulation
Hollywood, Florida; January 17-21, 2010
2. Faculty, *Symposium on Clinical Interventional Oncology 2010*
Abstract Reviewer
Live Case Presentation: Cryoablation in patient with a renal mass
Hollywood Florida; January 16-17, 2010
3. Faculty, *International Symposium on Endovascular Therapy (ISET) 2011*
Abstract Reviewer
Live Case Presentation 1: Percutaneous repair of abdominal aortic aneurysm (with Gore C3 reconstrainable endograft)

- Live Case Presentation 2: Endovascular repair of angulated aortic aneurysm (with Medtronic Endurant endograft)
Miami, Florida; January 16-20, 2011
4. Faculty, *Symposium on Clinical Interventional Oncology 2011*
Abstract Reviewer
Live Case Presentation: 65 year old man with large solitary liver metastasis from non-small cell lung carcinoma
Miami, Florida; January 15-16, 2011
 5. Faculty, *EVAR Symposium: Focus on Endurant Stent Graft System*
Baptist Cardiac and Vascular Institute
Miami, Florida; March 22, 2011
 6. Faculty, *International Symposium on Endovascular Therapy (ISET) 2012*
Abstract Reviewer
Moderator: Concurrent Session 8: The Art of Access and Closure
Fellows Wake-up Call: Fellows Challenge - Stump the Course Directors
Live Case Presentation 1: Endovascular repair of abdominal aortic aneurysm with stenotic bilateral iliac arteries (with Medtronic Endurant endograft)
Live Case Presentation 2: Repair of popliteal artery aneurysm with stent graft
Miami, Florida; January 15-19, 2012
 7. Faculty, *Symposium on Clinical Interventional Oncology 2012*
Abstract Reviewer
Miami, Florida; January 15-19, 2012
 8. Faculty, *Transcatheter Cardiovascular Therapeutics (TCT) Conference 2012*
Abstract Reviewer
Live Case Presentation: Endovascular treatment of hepatic artery pseudoaneurysm in patient with aortic dissection
Miami Beach, Florida; October 22-26, 2012
 9. Faculty, *Society of Interventional Radiology Vascular Disease Service Line Angio Club 2012*
Rasmussen's aneurysm case presentation
November 18, 2012
 10. Faculty, *Gore Access Alternatives -- Practical EVAR Workshop 2012*
Lecture: Preclose Technique - Approach to Percutaneous Large Vessel Closure for EVAR, TEVAR, and TAVR.
Live Case Presentation: Totally percutaneous repair of enlarging abdominal aortic aneurysm (with C3 Gore Excluder Endograft Device)
 11. Course Director, *Symposium on Clinical Interventional Oncology 2013*
Panelist: Tumor Board - Hepatocellular Carcinoma Case-Based Review
Panelist: Real Time with CIO Faculty
Abstract Reviewer
Miami, Florida; January 18-19, 2013
 12. Faculty, *International Symposium on Endovascular Therapy (ISET) 2013*
Abstract Reviewer
Moderator: ISET Focused Symposium VII: Fundamentals of Vascular Diagnosis & Therapy:
Practical Information on PAD Diagnosis and Management
Concurrent Session VIII: DVT, Pulmonary Embolism, and IVC Filters
Live Case Presentation 1: Hybrid procedure involving iliac stenting and femoral endarterectomy in the treatment of lifestyle limiting claudication
Live Case Presentation 2: Hansen Medical Magellan Robot Assisted Endovascular repair of Abdominal Aortic Aneurysm (with Medtronic Endurant endograft)
Live Case Presentation 3: Endovascular Repair of Abdominal Aortic Aneurysm with Magellan Robotic Assistance (using Gore C3 endograft).
 13. Faculty, *Southern Society of Clinical Surgeons Conference 2013*

- Live Case Presentation: Hybrid procedure involving common femoral endarterectomy and subintimal recanalization of SFA in patient with significant claudication
Miami, Florida; March 26, 2013.
14. Coordinator and Faculty, *Society of Interventional Radiology Annual Meeting 2013*
Vascular Closure Device Hands-On Workshop
New Orleans, Louisiana; April 13-18, 2013.
 15. Steering Committee and Faculty, *Cordis National Fellows Course*
Faculty Case Discussant
Lecture: *Indications, Techniques, and Tools for Aortoiliac Occlusive Disease: Simple to Complex*
San Francisco, California; June 23-25, 2013.
 16. Faculty, *Society of Interventional Radiology RFS Aortic Angio Club 2013*
Aortoiliac occlusion case presentation
October 24, 2013
 17. Course Director, *Symposium on Clinical Interventional Oncology 2014*
Abstract Reviewer
Miami, Florida; January 18-19, 2014
 18. Faculty, *International Symposium on Endovascular Therapy (ISET) 2014*
Abstract Reviewer
Moderator: Session I: Diagnosis and Management of Arterial Disease
 Session II: Chronic DVT Management
 Session III: Diagnosis and Management of Venous Diseases
 Session IV: Symposium on Cerebrovascular Duplex Scanning
 Concurrent Session V: Sympathetic Denervation in Depth
 Concurrent Session VIII: DVT, Pulmonary Embolism, and DVT
 Concurrent Session VIII: DVT, Pulmonary Embolism, and IVC Filters
Panelist: Session I: Management of Acute Thrombo-Embolic Events
 Session II; Case-based Venous Therapy
Live Case Presentation 1: Robot Assisted Endovascular repair of Abdominal Aortic Aneurysm in Patient with Small Iliac Arteries (with Trivascular Ovation Device)
Live Case Presentation 2: Endovascular Treatment of Patient with Renal Fibromuscular Dysplasia
 19. Faculty, *Endovascular & Coronary Revascularization in Seoul (ENCORE 2014)*
Panelist: Thoracic Aortic Aneurysm & Aortic Dissection.
Panelist: Live case session on Peripheral Vascular Disease
Moderator: Vascular Session
Seoul, Korea; September 24-26, 2014
 20. Faculty, *Synergy 2014: A Multidisciplinary Approach to Interventional Oncology*
Moderator: Ablation Symposium
Miami Beach, Florida; November 15, 2014
 21. Faculty, *Venous Thromboembolism Symposium*
Lecture: *New Interventional Therapies for Pulmonary Embolism*
Panelist: Roundtable Discussion on Session III: Rationale for Thrombolysis in Pulmonary Embolism and Patient Risk Stratification
Miami, Florida; December 13, 2014
 22. Course Director, *Symposium on Clinical Interventional Oncology 2015*
Abstract Reviewer
Case Presenter: *Time Out's Over: Operator's Session on Liver Mets*
Panelist: Tell Me Y: Case-Based Review of Radioembolization
Hollywood, Florida; January 31-February 1, 2015
 23. Course Director, *International Symposium on Endovascular Therapy (ISET) 2015*
Abstract Reviewer
Moderator: Session I: Diagnosis and Management of Arterial Disease
 Session II: Case-Based Vascular Therapy

- Fellows Lunch Session: Case Presentation and Discussion
 Session IX: CTO from Top to Bottom: An Integrated Approach to Techniques and Technologies to Assist in Recanalization of Occlusions
 Concurrent Session VIII: DVT, Pulmonary Embolism, and IVC Filters
 Case Presenter: Case-Based Aorto-Iliac Disease
 Live Case Presentation 1: Endovascular repair of Abdominal Aortic Aneurysm as part of REHEARSAAAL Clinical Trial (with Medtronic Endurant II Endograft)
 Live Case Presentation 2: Endovascular Treatment of Patient with Aortorenal Aneurysm and Arteriovenous Fistula
 Hollywood, Florida; January 31-February 4, 2015
24. Faculty, *Society of Interventional Radiology Annual Meeting 2015*
 Coordinator and Faculty: Vascular Closure Device Hands-On Workshop
 Faculty: Aneurysm: Thoracic Endograft Workshop (Hands-On)
 Speaker: Is sealing the entire aneurysm with Nellix the best solution?
 Atlanta, Georgia; February 28-March 5, 2015
25. Course Director, *Symposium on Clinical Interventional Oncology 2016*
 Abstract Reviewer
 Case Presenter: *Here's the Scenario: Tumor Board on Metastatic Disease*
 Panelist: Special Report – To SIRFLOX With Love: What Does It All Mean
 Hollywood, Florida; February 6-7, 2016
26. Course Director, *International Symposium on Endovascular Therapy (ISET) 2016*
 Abstract Reviewer
 Moderator: Diagnosis and Management of Arterial Disease
 Case-Based Vascular Therapy
 Radial Artery Access
 Prostate and Other Evolving Embolization Procedures
 Fellows Roundtable Lunch Discussion
 Renal Artery Intervention: State of the Art
 Lectures: Radiation Safety: Practices to Minimize Exposure and Risk
 Techniques of Large Vessel Closure
 Case-Based Aorto-Iliac Disease
 IVC Filter Removal: How I Do It
 Live Case Presentation 1: Robot Guided Embolization of Celiac Axis followed by Thoracic Endovascular Aneurysm Repair in Patient with Descending Thoracic Aneurysm
 Live Case Presentation 2: Endovascular Treatment of Patient with Scleroderma and Critical Limb Ischemia
 Hollywood, Florida; February 6-10, 2016
27. Faculty, *Asia Pacific Congress of Cardiovascular and Interventional Radiology*
 Session: ISET in China
 Presenter: TEVAR and Robotic Embolization of the Celiac Artery (Pre-recorded Live Case)
 Panelist: Long Segment SFA Occlusion (Pre-recorded Live Case)
 Lecture: Current Experience and Future of Vascular Robotics in I
 Suzhou, China; April 21-24, 2016
28. Faculty, *Society of Interventional Radiology Annual Meeting 2016*
 Coordinator and Faculty: Endografts (Thoracic) Planning, Deployment, and Trouble-Shooting (Hands-On Workshop)
 Faculty: Endografts (Abdominal) Planning, Deployment, and Trouble-Shooting
 Advanced Access: Pedal (Hands-On Workshop)
 Tour de Force: Complex Lower-Extremity Intervention
 Yttrium-90 Delivery Systems
 Vancouver, Canada; April 4-6, 2016
29. Faculty, *VIVA (Vascular Interventional Advances) Meeting*
 Live Case Presentation 1: Treatment of Renal Artery In-stent Restenosis in Patient with Refractory Hypertension via a Radial Approach
 Live Case Presentation 2: Management of Patient with Submassive Pulmonary Embolism with

Ultrasound-assisted Catheter-Directed Thrombolysis
Broadcasted to Las Vegas, Nevada; September 19-20, 2016

30. Moderator, VuMedi Webinar entitled: Y90, Why Not?!?: Advanced Applications for Radioembolization
Speaker: 1. Principles of Y90 Dosimetry
2. Practical Approach to Y90 Dosimetry: Using the DAVYR App
January 9, 2017
31. Moderator, Memorial Sloan Kettering Cancer Alliance
Frontiers in Oncology
Coral Gables, Florida; January 27, 2017
32. Course Director, *Symposium on Clinical Interventional Oncology 2017*
Abstract Reviewer
Lectures: Hepatocellular Carcinoma with Vascular Invasion
New Approaches to Embolization: See the Difference with LC Bead LUMI
Management of Y-90 Complications: Ulcers, REILD, Pulmonary Toxicity and
Moderator: Expanding the Role of Y-90 for Liver Directed Therapy
Medical Management and Palliation of the IO Patient
Lung Cancer
Hollywood, Florida; February 4-5, 2017
33. Course Director, *International Symposium on Endovascular Therapy (ISET) 2017*
Abstract Reviewer
Moderator: Fundamentals of Endovascular Therapy
Case-Based Vascular Therapy
Endovascular Hepatic and Visceral Therapy
Resident/Fellows Lunch Session: Radial Access
Embolotherapy
Update on Outlet Syndromes

Lectures: Case-Based Aorto-Iliac Disease
Live Case Presentation 1: Treatment of Patient with Abdominal Aortic Aneurysm and Lifestyle Limiting Right Lower Extremity Claudication
Live Case Presentation 2: Endovascular Repair of Type I Endoleak following Endovascular Aneurysm Repair (EVAR)
Live Case Presentation 3: Management of Patient with CHF and Critical Aortic Stenosis following Transjugular Intrahepatic Portosystemic Shunt with Transcatheter Aortic Valve Replacement (TAVR)
Hollywood, Florida; February 4-8, 2017
34. Course Director, Proctor Led Y90 Radioembolization Preceptorship
Following Talks Given:
 - g. *Review of Clinical Data*
 - h. *Review of Anatomy and Variants*
 - i. *Dosimetry*
 - j. *Management of High Lung Shunts*
 - k. *Retreatment with Y90 Radioembolization*
 - l. *Managing Patient Post-SIRT*Live Case Presentation 1: Y90 mapping procedure in patient with metastatic colorectal cancer
Live Case Presentation 2: Y90 radioembolization in patient with metastatic colorectal cancer
Miami, Florida; May 25-26, 2017
35. Course Director, Proctor Led Y90 Radioembolization Preceptorship
Following Talks Given:
 - m. *Review of Clinical Data*
 - n. *Review of Anatomy and Variants*
 - o. *Dosimetry*
 - p. *Management of High Lung Shunts*
 - q. *Retreatment with Y90 Radioembolization*
 - r. *Managing Patient Post-SIRT*

Live Case Presentation 1: Y90 mapping procedure in patient with metastatic colorectal cancer
Live Case Presentation 2: Y90 radioembolization in patient with metastatic colorectal cancer
Miami, Florida; June 1-2, 2017

36. Yttrium-90 Advanced Training Program
Moderator: Panel Discussion on Technical Information and Advanced Y-90 Treatments
Lectures: Mapping & Anatomy
Y-90 Radioembolization in Heavily Treated Patients
Dallas Texas; October 6-7, 2017
37. Faculty, Fellows Peripheral Vascular Disease Course (Bard)
Lecture: *Update on Aortoiliac Occlusive Disease & Case Based Approach to Management*
Live Case Presentation: Treatment of Instent Restenosis with Drug Coated Balloon in Patient with Claudication
Miami, Florida; October 20, 2017
38. Faculty, *Transcatheter Cardiovascular Therapeutics (TCT) Conference 2017*
Live Case Presentation: Endovascular Repair of Abdominal Aortic Aneurysm with Endurant Stent Graft and EndoAnchors utilizing Virtual Reality Planning
Denver, Colorado; November 1, 2017
39. Faculty, Penumbra Embolization and Mechanical Thrombectomy Physician Course
Lecture: *Advanced Coiling Techniques – Treatment Strategies and New Technology*
Live Case Presentation: Y90 mapping procedure in patient with hepatocellular carcinoma
Miami, Florida; November 6, 2017
40. Scientific Committee, *Advanced Interventional Management (AIM) Symposium 2017*
New York, New York; November 13-16, 2017
41. Course Director, Proctor Led Y90 Radioembolization Preceptorship
Following Talks Given:
 - s. *Review of Clinical Data*
 - t. *Review of Anatomy and Variants*
 - u. *Dosimetry*
 - v. *Prevention and Management of Y90 Complications*
 - w. *Red Flags and Cautions in Y90 Therapy*
 - x. *Managing Patient Post-SIRT*Live Case Presentation 1: Y90 mapping procedure in patient with metastatic colorectal cancer
Live Case Presentation 2: Y90 radioembolization in patient with metastatic colorectal cancer
Miami, Florida; January 21-22, 2018
42. Course Director, *Symposium on Clinical Interventional Oncology 2018*
Abstract Reviewer
Lectures: Advanced Y90 Dosimetry: Practical Tips, Tricks, and Tools to Optimize Response
Heads-Up: Red Flags and Cautions in Y90
Workout at the Y: Operator's Session on Radioembolization
Embolic Selection and Techniques in the Management of Endoleaks, Pulmonary AVMs, and Aneurysms: A Case-Based Presentation
Challenging Case Review: Trauma and Emergent Cases
Moderator: Opening Video and Comments

IO Townhall
Radiohead Revisited: All That's Happening in Y90
Day 1 Roundup: What I Learned and Audience Q&A
CIO Roundup: Closing Comments
Hollywood, Florida; February 3-4, 2018
43. Course Director, *International Symposium on Endovascular Therapy (ISET) 2018*
Abstract Reviewer
Moderator: Fundamentals of Endovascular Therapy
Mea Culpa: Morbidity & Mortality

- Resident/Fellows Lunch Session
Embolotherapy
- Lectures: Case-Based Aorto-Iliac Disease
Preclose Techniques for Success
Angiojet Hands On Workshop
- Live Case Presentation 1: Treatment of Patient with Ischemic Rest Pain and Subacute Occlusion of the Superficial Femoral Artery
- Live Case Presentation 2: Treatment of Patient with Nonhealing Ulcer and In Stent Restenosis and Occlusion of SFA and Popliteal Artery Stents
- Live Case Presentation 3: Endovasulular Repair of Enlarging False Lumen in Patient with Thoracic Dissection
- Live Case Presentation 4: Endovascular Aneurysm Repair of Patient with Enlarging Abdominal Aortic Aneurysm
- Hollywood, Florida; February 3-7, 2018
44. Faculty, *Society of Interventional Radiology Annual Meeting 2018*
Coordinator and Faculty:
Best of ISET – PAD
Intrapopliteal Arterial Interventions
- Faculty: Extreme IR Pardon My Intervention – Management of Iliac Artery Complication
Techniques for Aortoiliac Intervention
Iliac Occlusive Disease - Case Presentation
Pedal Access: Technique, Tips, and Tricks
Infrapopliteal Arterial Intervention - Complication
- Los Angeles, CA; March 17-22, 2018
45. Planning Committee, *Past, Present and Future of IR and IR Training – An Outcomes Analysis*
Miami Beach, Florida; October 19-21, 2018
Lecture: Interventional Oncology: Current Status at MCVI and Future Directions
46. Scientific Committee, *Advanced Interventional Management (AIM) Symposium 2018*
Moderator: Peripheral Vascular Disease
Aortic Aneurysms and Dissection
- Lectures: Advanced Techniques in the Contemporary Management of Complex Aortoiliac Occlusive Disease
Pedal Access: When and How I Do It
- New York, New York; November 12-15, 2018
47. Program Director, *VEITH/ AIM Vascular Job Fair*
New York, New York; November 15, 2018
48. Course Director, Center of Excellence Y90 Radioembolization Preceptorship
Following Talks Given:
- a. *Review of Clinical Data*
 - b. *Review of Anatomy and Variants*
 - c. *Dosimetry*
 - d. *Prevention and Management of Y90 Complications*
 - e. *Red Flags and Cautions in Y90 Therapy*
 - f. *Managing Patient Post-SIRT*
- Live Case Presentation 1: Y90 mapping procedure in patient with metastatic colorectal cancer
Live Case Presentation 2: Y90 radioembolization in patient with metastatic colorectal cancer
Miami, Florida; January 13-14, 2019
49. Course Director, *International Symposium on Endovascular Therapy (ISET) 2019*
Abstract Reviewer
- Moderator: Endovascular Therapy: The Essentials
Embolization: New Directions and Applications
- Panelist: Live Case Session
- Lectures: Case-Based Aorto-Iliac Disease
Hypotension After Arterial Intervention: Management of Retroperitoneal Hemorrhage

- Pulmonary Arteriovenous Malformations: Addressing the Disease, Economic Burden, and Best Treatment Options
DVT Management Hands On Workshop
- Live Case Presentation 1: Management of Patient with Nonhealing Ulcer and Iliac Stenosis and Superficial Femoral Artery Occlusion
Live Case Presentation 2: Endovascular Repair of Enlarging Abdominal Aortic Aneurysm
Live Case Presentation 3: Treatment of External Iliac Artery Occlusion in Patient with HIV and Ischemic Rest Pain
Hollywood, Florida; January 27-30, 2019
50. Pan Arab Interventional Radiology Society Meeting
Live Case Presentation: Management of Acute Limb Ischemia in Patient is Recent Ischemic Stroke
Dubai, United Arab Emirates (broadcasted from Miami); February 27, 2019
51. Course Director, Center of Excellence Y90 Radioembolization Program
Following Talks Given:
- a. *Review of Clinical Data*
 - b. *Review of Anatomy and Variants*
 - c. *Dosimetry*
 - d. *Prevention and Management of Y90 Complications*
 - e. *Red Flags and Cautions in Y90 Therapy*
 - f. *Managing Patient Post-SIRT*
- Live Case Presentation 1: Y90 mapping procedure in patient with metastatic colorectal cancer
Live Case Presentation 2: Y90 radioembolization in patient with metastatic colorectal cancer
Miami, Florida; March 3-4, 2019
52. Global Embolization Symposium and Technologies (GEST)
Hands-On Workshop Coordinator
Moderator: Interventional Oncology Scientific Abstract Session
New York, NY; May 9-12, 2019
52. Course Director, Center of Excellence Y90 Radioembolization Program
Following Talks Given:
- g. *Review of Clinical Data*
 - h. *Review of Anatomy and Variants*
 - i. *Dosimetry*
 - j. *Prevention and Management of Y90 Complications*
 - k. *Red Flags and Cautions in Y90 Therapy*
 - l. *Managing Patient Post-SIRT*
- Live Case Presentation 1: Y90 mapping procedure in patient with metastatic colorectal cancer
Live Case Presentation 2: Y90 radioembolization in patient with metastatic colorectal cancer
Miami, Florida; October 6-7, 2019
53. Course Director, *Symposium on Clinical Interventional Oncology 2019*
Abstract Reviewer
Lectures: Hepatic Arterial Anatomy: The Essentials
Tips to Avoiding Y90 Disasters
Moderator: Opening Video and Comments
IO Fundamentals
Year in Review: Update on Liver Therapy
Practical Radioembolization
Outpatient Interventional Oncology
What I May Have Missed
Outside Your IO Comfort Zone: Learning from Our Worst Cases
CIO Roundup: Closing Comments
Miami Beach, Florida; October 11-13, 2019
54. Scientific Committee, *Advanced Interventional Management (AIM) Symposium 2019*
Moderator: Aortic and Visceral Aneurysms
Lectures: Femoral Access and Alternative Access (Popliteal, Pedal) are Still Standard for Many Vascular Procedures: Know Your Exit Options
Endo or Extra Vascular Bypass Versus Surgery: Techniques and Results of the

Zilver PASS and Detour Clinical Trials
 Contemporary Techniques for the Management of Peripheral Aneurysms: A Case
 Based Approach
 New York, New York; November 18-21, 2019

55. Course Director, *International Symposium on Endovascular Therapy (ISET) 2020*
 Abstract Reviewer
 Moderator: Endovascular Therapy: The Essentials
 Advances in Embolotherapy
 Career Roundtable Discussion
 Lectures: Aorto-Iliac Disease: Case Based Discussion
 Embolization Strategies and Techniques in the Management of Hemorrhage
 Live Case Presentation 1: Endovascular Repair of Complex Abdominal Aortic Aneurysm
 Live Case Presentation 2: Management of Patient with Critical Limb Ischemia
 Live Case Presentation 3: Treatment of Superficial Femoral Artery Intest Occlusion in a Patient
 with Ischemic Rest Pain
 Hollywood, Florida; January 22-25, 2020

56.

Professional Committee Service

Miami Cancer Institute

2018-Current

Miami Cancer Institute – Grand Rounds Committee

Establishment and implementation of a Miami Cancer Institute Grand Rounds

2017-Current

Miami Cancer Institute – Gastrointestinal Malignancy Disease Management Team

Establishment and standardization of guidelines and clinical pathways in the management of malignancies of the gastrointestinal system.

2015-2017

Miami Cancer Institute – GI Tumor Site Committee

Development of guidelines and clinical algorithms in the management of gastrointestinal cancers

Miami Cardiac and Vascular Institute

2019-Current

MCVI Cardiac Surgery Pathway Committee

To reduce clinical variation in the care of cardiac surgery patients, development of clinical pathways along with additional deliverables to help guide clinicians on the treatment of CABG and aortic/mitral valve patients as well as monitor current practices via key performance indicators and data registry abstraction. Review performance with respect to LOS, cost, readmissions, & mortality

2017- Current

MCVI Pulmonary Embolism Response Team (PERT) Committee, Physician Co-Chair

Development of evidence based protocols for the multidisciplinary management of patients with pulmonary embolism as well as institution of prompt, patient specific plans

2016-Current

MCVI System Wide Invasive Vascular Services Committee

Establishment and implementation of processes and procedures to improve daily operations, efficiency, patient satisfaction, performance, and clinical outcomes

2015-Current

MCVI System Wide Management Company

Shareholder – Development and implementation of evidence-based patient care protocols for the delivery of care at MCVI with the goal of improving quality, efficiency, and effectiveness of cardiac and vascular services

2015-Current

MCVI System Wide Order Set Process – Physician Co-Chair

Implement system wide process to include inventory, review, and revise and development of all clinical order sets that impact cardiac and vascular patients

2015-Current

MCVI Committee for Development of Structured Reporting for Interventional Procedures

	Development and implementation of structured reporting for vascular and interventional procedures as well as neurointerventional procedures
2015-Current	<i>MCVI Steering Subcommittee on Interventional Radiology</i> Development of indicators and thresholds for the new MCVI Management Company with regards to Interventional Radiology
2014-Current	<i>Medical Directors Leadership Program</i> Creation of new leadership charter and structure for Miami Cardiac & Vascular Institute, initiate collaborative, patient-centered solutions to transform the Institute, creation of goals and development of strategic thinking to implement new vision
2010-Current	<i>Radiation Safety Task Force</i> Monitoring and tracking of fluoroscopic radiation dose to patients and operators, radiation education to staff, radiation protection, personnel dose monitoring, threshold action levels, patient follow-up
2009-Current	<i>Noninvasive Vascular Lab Operations Committee</i> Assessment of diagnostic criteria for noninvasive PVL lab, compliance with established standards, case review, quality assurance, physician peer review
2009-Current	<i>MCVI Clinical Research Committee</i> Approval, monitoring, and review of clinical research protocols, maintenance of patient accrual goals, risk-benefit analysis, regulatory oversight
2009-Current	<i>Quality Assurance Committee for Vascular Surgery and Interventional Radiology</i> Assessment and evaluation of quality of patient care, identification of problems and shortcomings in the delivery of care, physician peer review, designing steps to overcome deficiencies, and follow-up monitoring to ensure effectiveness of corrective measures
2009-Current	<i>MCVI Interventional Vascular and Interventional Neuro Operations Committee</i> Utilization of evidence based medicine criteria to improve patient care; change existing processes to optimize efficiency and quality; incorporation of institutional protocols and medical management to ameliorate outcomes of endovascular therapy
2012-Current	<i>TAVR Committee</i> Multidisciplinary evaluation of patients with aortic stenosis for transcatheter aortic valve replacement, including patient selection, clinical assessment, imaging evaluation, and techniques
2013-2015	<i>Subcommittee of Peripheral Vascular Lab Committee: Structured Reporting</i> Development of templates for structured reporting for peripheral vascular exams
2009-2015	<i>Interventional Services LLC Committee</i> Analysis of procedure on-time starts, procedural room turnover times, dictation times, efficiency, cost-benefit review, compliance with established protocols
2009-Current	<i>Baptist Hospital Tumor Board</i> Treatment planning approach involving multidisciplinary assessment of oncology patients with review of clinical history, diagnostic imaging, biopsy, clinical management, and research trials
2009-Current	<i>ISET/CIO Committee</i> Program development for the international symposium on endovascular therapy and symposium on clinical interventional oncology with focus on evidence based data to ameliorate outcomes of endovascular therapy and minimally invasive procedures
2009-Current	<i>Pathology Conference</i> Correlation of diagnostic imaging findings, biopsy specimens, and pathological results in conjunction with patients' medical histories
2009-Current	<i>MCVI Journal Club</i> Review of current medical literature with critical evaluation and implementation of new research into clinical practice

Evaluation of quality of patient care, identification of deficiencies in the delivery of care, utilization of a systematic approach using root cause and failure mode analysis, designing measures to overcome deficiencies and ensure quality

Ad Hoc Reviewer - Conferences

Transcatheter Cardiovascular Therapeutics (TCT) Conference

Abstract Reviewer for Annual Scientific Meeting in 2013

Abstract Reviewer for Annual Scientific Meeting in 2012

International Symposium on Endovascular Therapy (ISET)

Abstract Reviewer for 31st Annual Meeting in 2019

Abstract Reviewer for 30th Annual Meeting in 2018

Abstract Reviewer for 29th Annual Meeting in 2017

Abstract Reviewer for 28th Annual Meeting in 2016

Abstract Reviewer for 27th Annual Meeting in 2015

Abstract Reviewer for 26th Annual Meeting in 2014

Abstract Reviewer for 25th Annual Meeting in 2013

Abstract Reviewer for 24th Annual Meeting in 2012

Abstract Reviewer for 23rd Annual Meeting in 2011

Abstract Reviewer for 22nd Annual Meeting in 2010

The Symposium on Clinical Interventional Oncology

Abstract Reviewer for 11th Annual Meeting in 2019

Abstract Reviewer for 10th Annual Meeting in 2018

Abstract Reviewer for 9th Annual Meeting in 2017

Abstract Reviewer for 8th Annual Meeting in 2016

Abstract Reviewer for 7th Annual Meeting in 2015

Abstract Reviewer for 6th Annual Meeting in 2014

Abstract Reviewer for 5th Annual Meeting in 2013

Abstract Reviewer for 4th Annual Meeting in 2012

Abstract Reviewer for 3rd Annual Meeting in 2011

Abstract Reviewer for 2nd Annual Meeting in 2010

Society of Interventional Radiology

Abstract Reviewer for Annual Scientific Meeting in 2018

Endovascular Forum Cases

9/16/13

80-year old Male with Asymptomatic 6.8 cm Infrarenal Aortic Aneurysm

Katzen B, **Gandhi R**, Tsoukas A, Biegler P

8/19/13

Bilateral Lower Extremity Claudication

Powell A, **Gandhi R**, Watch L, Cronin M.

9/2/13

62-year old Male with Abdominal Aortic Aneurysm

Katzen BT, **Gandhi R**, Rua I, Gomez J.

In the Media

August 2016

Cayman 27 (Cayman Islands Television Interview) – Robot Aids in Minimally Invasive Cancer and Endovascular Procedures

Summer 2016

Resource Magazine – Tiny Tools, Top Technology: Doctors Expand Use of Robot in Minimally Invasive Cancer Procedures

June 2016

El Universal (Mexican Newspaper) – Robotic Technique for Liver Cancer

June 2016

Resumen de Salud (Dominican Republic) – One of the First Robotic Radioembolizations Performed Worldwide

November 2015

Baptist Health South Florida - Robot Aids in Minimally Invasive Cancer Procedures

June 2015

Yahoo Finance – Hansen Medical Announces World's First Series in Robotic Cancer Treatment With the Magellan Robotic System

June 2015

Hansen Medical Press Release – Hansen Medical® Announces World's First Series in Robotic Cancer Treatment With the Magellan Robotic System

June 2015

Azo Robotics – Magellan Robotic System Used in Radioembolization Procedures for Cancer

June 2015 Treatment
Endovascular Today – First Cancer Radioembolization Procedures Performed with Hansen Medical's
Magellan Robotic System

Advisory Board, Consultant

2014-2016 Complete Conference Management CME/CE Advisory Board

Volunteer Experience

India Medical Association Charitable Foundation Medical Clinic (Devon Clinic)
Community Health Clinic

Skills**Computer Skills**

- Knowledge of scanning procedures and utilization of *NIH Image* software
- Background in Pascal, C, and BASIC programming languages
- Expertise in HTML (Hypertext Markup Language) web programming

Languages

- Fluent in English, Spanish, and Indian(Gujarati)