

Glenn Hoots, M.D.

University of South Florida, Morsani College of Medicine, Tampa,
Florida

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Citizenship

if non-USA / VISA type

Education

Other Advanced Degrees Institution, degree received, year, honors	Dates
Florida State University College of Medicine, MD, 2010	Attended 2006 - 2010
Florida State University College of Medicine, Medical Sciences, PostBaccalaureate Bridge Program	2005 - 2006
University of Florida, Microbiology/Cell, BS, 2003	1999 - 2003

Postgraduate Training

University of South Florida, Tampa General Hospital, Vascular and Interventional Radiology	2015 – 2016
University of Massachusetts, UMass Memorial Medical Center, Radiology	2011 – 2015
Orlando Health, Orlando Regional Medical Center, Preliminary Medicine	2010 – 2011
IR/DR Board Certification, American Board of Radiology	2018
Diplomate American Board of Radiology, AU Eligible	2017

Awards, Honors, Honorary Society Memberships

Society of Interventional Radiology	2013 – Present
American College of Radiology	2011 – present
Radiological Society of North America	2009 – present
Massachusetts Medical Society	2015-2017
New England Society of Interventional Radiology	2013-2016
Association of University Radiologists	2013-2016
New England Roentgen Ray Society	2011-2016
Massachusetts Radiologic Society	2011-2016

Awards & Scholarships

Top Reviewer, British Journal of Radiology	2019
Leon & Billye Tully College of Medicine Scholarship, FSU College of Medicine, \$10000	2009 – 2010
Leon & Billye Tully College of Medicine Scholarship, FSU College of Medicine, \$7500	2008 – 2009
Florida State University Grant, FSU College of Medicine, \$1000	2006 – 2008
E.C. & Tillie Allen Scholarship, FSU College of Medicine, \$1000	2005 – 2006
Florida Academic Scholar, Florida Bright Futures, 100% tuition	1999 – 2003
Campbell Nall Rotary Club Scholarship, \$6000	1999 – 2003
Glades Electric Co-operative Scholarship, \$500	1999 – 2000
FHSAA Scholar Athlete Scholarship, \$500	1999 – 2000

Military Services

Rank (delete if N/A)	Dates of Service
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AppointmentsHospital

Attending Interventional Radiologist, Florida Interventional Specialists/Radiology Associates of Florida, Tampa, FL	2016 – Present
Assistant Professor, University of South Florida, Diagnostic and Vascular Interventional Radiology, Tampa, FL	2016 – Present

Program Director, Integrated Interventional Radiology Residency, University of South Florida	2022 – Present
Program Director, Independent Interventional Radiology Residency, University of South Florida	2022-Present
Program Director, Early Specialization in IR Residency Tract, University of South Florida	2022-Present
Faculty Advisor, Interventional Radiology, University of South Florida	2020 – Present
Associate Program Director, Integrated Interventional Radiology Residency, University of South Florida	2019 – 2022
Associate Program Director, Independent Interventional Radiology Residency, University of South Florida	2019 – 2022
Chair, Program Evaluation Committee, Integrated Interventional Radiology Residency, University of South Florida	2019 – Present
Chair, Program Evaluation Committee, Independent Interventional Radiology Residency, University of South Florida	2019 – Present
Member, Clinical Competency Committee, Integrated Interventional Radiology Residency, University of South Florida	2019 – Present
Member, Clinical Competency Committee, Independent Interventional Radiology Residency, University of South Florida	2019 – Present
Director of Interventional Radiology Curriculum for Diagnostic Radiology Residency, University of South Florida	2019 – Present
Member, Clinical Competency Committee, Diagnostic Radiology Residency, University of South Florida	2018 – Present
Member, Program Evaluation Committee, Interventional Radiology Fellowship, University of South Florida	2018 – Present
	2016 – 2019

Teaching, Lecture

Fellowship Lectures

Focused History and Physical Exam; Running and Effective Consults Service; Embolic agents; Complex/alternative venous access and	2022 – 2023
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complications; Portal Hypertension and Treatments; Pulmonary Embolism Diagnosis; Risk Stratification and Treatment

Focused History and Physical Exam; Embolic agents; 2021 – 2022
Complex/alternative venous access and complications; Portal Hypertension and Treatments; Pulmonary Embolism Diagnosis; Risk Stratification and Treatment; Advanced Venous and Arterial Access and Closure Techniques; Acute and chronic Iliocaval thrombosis and Advanced Thrombectomy Techniques

Focused History and Physical Exam; Embolic agents; Venous access and complications; Portal Hypertension and Treatments; Pulmonary Embolism Diagnosis; Risk Stratification and Treatment; Advanced Venous and Arterial Access and Closure Techniques; Acute and chronic Iliocaval thrombosis and Advanced Thrombectomy Techniques 2020 – 2021

Focused History and Physical Exam; Venous access and complications; Portal Hypertension and Treatments; Advanced Venous and Arterial Access and Closure Techniques; Acute and chronic Iliocaval thrombosis and Advanced Thrombectomy Techniques 2019 – 2020

Venous access and complications; Portal Hypertension and Treatments; Peripheral Vascular Disease; Tumor Ablation Techniques; Advanced Venous and Arterial Access and Closure Techniques 2018 – 2019

Resident Lecture

Review of Noninvasive Vascular Imaging and Aortic Aneurysms; Biopsies and Drainages; Review of Vasculitides; Biopsies and Drainages; and Lymphatic/endocrine interventions 2021 – 2022

Venous and Dialysis Access; Review of Liver Tumor Embolization and Portal Venous Interventions; Review of Venous Thromboembolic Disease; Renal and Urinary Interventions; Biliary and Enteric Interventions; Review of Reproductive Health interventions and Trauma interventions 2020 – 2021

Review of Aortomesenteric anatomy and diseases; Review of Percutaneous Biopsies/Drainages and Reproductive/Endocrine Diagnostics and Interventions 2019 – 2020

Nonvascular IR procedures; Tumor Ablation 2018 – 2019

Teaching, Supervisory

Medical student Research Mentor, University of South Florida, Tampa, FL	2016 – Present
Radiology Resident Research Mentor, University of South Florida, Tampa, FL	2016 – Present
Interventional Radiology Fellow Research Mentor, University of South Florida, Tampa, FL	2016 – Present

Lectures by Invitation (international, national, regional, local)

“Pulmonary Embolism from Thrombolysis to Thrombectomy”, New Cardiovascular Horizons	2022
“Venous Thromboembolism: Case Review and Expert Panel Discussion”, New Cardiovascular Horizons	2022
“Ablative Liver Therapies: RFA is Old School”, TGH Liver Symposium	2019
“Management of Aortic Endoleaks Post Repair of Aortic Aneurysms”, TGH/USF CME	2018
“Update to Evidence Based Treatment of DVT and PE”, USF/TGH Emergency Medicine Residency	2018
“Postthrombotic Syndrome: Its the PiTS”, USF/TGH Emergency Medicine Residency	2017
“Evidence Based Treatment of Pulmonary Embolism ”, Grand Rounds Tampa General Hospital ER	2017
“Hemodialysis Access Dysfunction and Triage”, Grand Rounds Tampa General Hospital ER	2016
“Protocols Errors Related to Incomplete or Erroneous History/Indication”, University of Massachusetts M&M	2012
“Rheumatoid Arthritis Diagnosis and Treatment Options”, Grand Rounds Collier County Health Services	2009

Industry Sponsored Lectures & Educational Programs

Inari Pulmonary and Peripheral Thrombectomy Course and Animal Lab, CAMLS	2022
Inari Fellows Course	2021
Invited Speaker, Angiodynamics Global Sales Meeting: Mechanical Thrombectomy: Review of Current Technology	2020
Boston Scientific Salesforce Interventional Oncology Training Program Pfizer Salesforce Training Program	2019
	2017

Community Lectures

“Aortic Aneurysms and Endoleaks After Repair”, Sponsored by TGH, Tampa FL	2018
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Presentations at International Meetings

“Gastrostomy Placement”, SIR Resident and Fellows Symposium, Society of Interventional Radiology Meeting 2019 Austin, TX	2019
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Clinical Trials

Industry Sponsored Clinical Trials

“PEERLESS Randomized Controlled Trial”
University of South Florida, Tampa, FL
Principal Investigator
2022 – Present

“DEXTERITY SCI Clinical Trial”
University of South Florida, Tampa, FL
Principal Investigator
2022 – Present

“DEXTERITY AFP Clinical Trial”
University of South Florida, Tampa, FL
Principal Investigator
2022 – Present

“#HOPE4LIVER”
Tampa General Hospital, Tampa, FL
Sub Investigator
2020 – Present

“MERCK LEAP-012”
Tampa General Hospital, Tampa, FL
Investigator
2020 – Present

“FLASH Registry”
University of South Florida, Tampa, FL
Principal Investigator
2018 – 2019

“RESIN Database”
University of South Florida, Tampa, FL
Co-investigator for SIR-Tex
2017 – 2019

“AV LUTONIX Trial”
University of South Florida, Tampa, FL
Principal Investigator
2017 – 2017

“FLARE Trial”
University of South Florida, Tampa, FL
Principal investigator

2016 – 2017

Investigator Initiated Research

“IR in Solid Organ Trauma Improving Outcomes”

University of South Florida, Tampa, FL

2018 – 2020

“Hemodialysis Catheter Survival Study”

University of South Florida, Tampa, FL

2017 – 2018

“Retrospective Review of Endoleak Repairs”

University of South Florida, Tampa, FL

2015 – Present

“Retrospective Review of TIPS Shunt Revisions”

University of South Florida, Tampa, FL

2016 – Present

Published Bibliography

Published Manuscripts

Role of Image-Guided Biopsy in the Diagnosis and Antimicrobial Management of Vertebral Osteomyelitis: A Retrospective Cohort Study. Edward Keshishian, Himanshu Ajrawat, Christopher Declue, William Fisher, Ambuj Kumar, Bruce Zwiebel, Clifford Davis, Kamal Massis, Glenn Hoots, Shawn Meader. *Infectious Diseases in Clinical Practice* 28 (4), 223-229, 2020

Safety of the Inari FlowTriever device for mechanical thrombectomy in patients with acute submassive and massive pulmonary embolism and contraindication to thrombolysis. Markovitz M, Lambert N, Dawson L, Hoots G. *Am J Interv Radiol* 2020;4:18.

A Prospective, Single-Arm, Multicenter Trial of Catheter-Directed Mechanical Thrombectomy for Intermediate-Risk Acute Pulmonary Embolism. Tu, T., Toma, C., Tapson, V. F., Adams, C., Jaber, W. A., Silver, M., Hoots, G., ... Rosenfield, K. (2019).: *Cardiovascular Interventions*, 12(9), 859–869.

<https://doi.org/10.1016/j.jcin.2018.12.022>.

Published Case Reports & Letters

E. faecalis bacteremia from retrieval of inferior vena cava filter with perforated duodenum A Mohammed, A Patel, W Wallach, S Lu, G Hoots *JVIR* 31(9), 1501-1503, 2020.

A case of spontaneous uterine artery pseudoaneurysm in a primigravid woman at 16 weeks gestation. Wallach WJ, Mohamed AZ, Hoots G, Lu S, Zwiebel B. Radiol Case Rep. 2020 Sep 14;15(11):23192321. doi: 10.1016/j.radcr.2020.08.065. PMID: 32983306; PMCID: PMC7498851.

Acute gouty arthritis following percutaneous cryoablation of renal cell carcinoma. Mohamed AZ, Wallach WJ, Lu S, Zwiebel B, Hoots G. Radiol Case Rep. 2019;14(11):1432-1437.

Obstructive Congestive Heart Failure caused by Cardiac Lymphoma. J Munroe, G Hoots, E Schmidlin. ACR Case in Point. <https://cortex.acr.org/CiP/Pages/CaseArchive> 2014

Lesser Sac Hernia of Cecum through the Foramen of Winslow. G Hoots, Y Kim. ACR Case in Point. <https://cortex.acr.org/CiP/Pages/CaseArchive> 2014

Femoroacetabular Impingement Syndrome. G Hoots, C Cerniglia. ACR Case in Point. <https://cortex.acr.org/CiP/Pages/CaseArchive> 2013
Published Abstracts

Abstract No. 259 Safety and efficacy of the Inari FlowTrierer device for mechanical thrombectomy in patients with acute submassive pulmonary embolism and contraindication to thrombolysis, Markovitz, M; Lambert, N; Dawson, L; **Hoots, G**; Journal of Vascular and Interventional Radiology,31,3,S116,2020,Elsevier

Proposed update to the current classification of endoleaks, **Hoots, G**; Back, M; Shames, M; Zwiebel, B; Journal of Vascular and Interventional Radiology,3,27,S227-S228,2016,

04: 03 PM Abstract No. 275 MELD and MELD-Na as predictive factors for transjugular intrahepatic portosystemic shunt revision due to new onset hepatic encephalopathy, Wang, J; Patel, R; Passioura, I; Kayaleh, R; Andes, A; **Hoots, G**; Journal of Vascular and Interventional Radiology,30,3,S123,2019,Elsevier

Acute gouty arthritis following percutaneous cryoablation of renal cell carcinoma, Mohamed, Ahmed-Zayn; Wallach, William J; Lu, Sen; Zwiebel, Bruce; **Hoots, Glenn**; Radiology Case Reports,14,11,1432-1437,2019,Elsevier

Abstract No. 483 Noninvasive prediction of hepatic transplant portal vein stenosis, **Hoots, G**; Vasher, M; Lababidi, D; Massis, K; Zwiebel, B; Journal of Vascular and Interventional

Radiology,29,4,S204,2018,Elsevier

Abstract No. 618 Clinical efficacy of transjugular intrahepatic portosystemic shunt (TIPS) reduction for the treatment of post tips complications including encephalopathy, hepatic failure and heart failure: predicting the necessity of TIPS occlusion versus TIPS reduction, **Hoots, G**; Zwiebel, B; Rachakonda, L; Kuppler, K; Gnesda, R; Journal of Vascular and Interventional Radiology,29,4,S257,2018,Elsevier

Can the Pulmonary Embolism Severity Index (PESI) be used as a clinical tool prior to catheter directed pulmonary artery thrombolysis?, Lee, J; Wrigley, C; Perrin, S; Davis, C; Keasler, E; Lambert, N; Dawson, L; DeClue, C; **Hoots, G**; Journal of Vascular and Interventional Radiology,2,28,S246,2017.

Clinical utility of image-guided biopsy in diagnosis and management of vertebral osteomyelitis: A retrospective cohort study, Keshishian, E; Ajrawat, H; Massis, K; Davis, C; **Hoots, G**; Rojas, H; Kumar, A; Meader, S; Journal of Vascular and Interventional Radiology,2,28,S222-S223,2017.

Proposed Update to the Classification of Aortic Endoleaks. G Hoots, M Shames, M Giarelli, M Back, B Zwiebel, Journal of Vascular and Interventional Radiology,3,27,S227-S228,2015.

Book Chapters

Removal of 1st Generation Venatech IVC Filter. Markovitz M, DeClue C, Gustainyte V, **Hoots G**. Extreme IR. Ziv Haskal MD Prepublication

International Poster Presentations

Society of Interventional Radiology Meeting 2020 Seattle, WA
Pulmonary Thrombectomy in Patients with Contraindications to Thrombolysis. M Markovitz, L Dawson, N Lambert, G Hoots

E. faecalis bacteremia from retrieval of inferior vena cava filter with perforated duodenum A Patel, G Hoots

Society of Interventional Radiology Meeting 2019 Austin, TX MELD and MELD-Na as predictive factors for transjugular intrahepatic portosystemic shunt revision due to new onset hepatic encephalopathy. J. Wang, R. Patel, I. Passioura, R. Kayaleh, A. Andes, G. Hoots

International Symposium on Endovascular Therapy 2019 Hollywood,
FL

Stop the Bloodletting: IR in Trauma a Single Center Retrospective
Review Z Asi, S Deaderick, C Engel, M Campbell, K Massis, S Meader,
G Hoots

International Symposium on Endovascular Therapy 2018 Hollywood,
FL

A Case of Spontaneous Uterine Artery Pseudoaneurysm in a
Primigravid Woman at 16 Weeks' Gestation G. Hoots, S. Shube, C.
Davis, K. Kuppler, R. Gnesda, B. Zwiebel
Acute Gouty Arthritis Following Percutaneous Cryoablation of Renal
Cell Carcinoma G. Hoots, S. Lu, A. Hussain, K. Massis, C. Davis, B.
Zwiebel

Complex Endovascular Aneurysm Repair of a Type IV
Thoracoabdominal Aortic Aneurysm and Management of Gutter
Endoleak M. Roca, B. Zwiebel, L. Grundy, S. Murray, G. Hoots

Use of D-Stat® Flowable as an Alternative to Traditional Liquid
Embolic Agents for Endoleak Repair K. Kuppler, L. Rachakonda, R.
Gnesda, G. Hoots, B. Zwiebel

Clinical Efficacy of Transjugular Intrahepatic Portosystemic Shunt
Reduction and Occlusion for the Treatment of Post-Transjugular
Intrahepatic Portosystemic Shunt Complications G. Hoots, L.
Rachakonda, R. Gnesda, K. Kuppler, B. Zwiebel

Noninvasive Prediction of Hepatic Transplant Portal Vein Stenosis G.
Hoots, M. Vasher, R. Lababidi, K. Massis, B. Zwiebel

Prostate Artery Embolization: Prospective Single-Center Trial
Evaluating Prostate Artery Embolization Outcomes for Benign
Prostatic Hypertrophy (Prostates Over 90 cc). K. Kuppler, R. Gnesda,
L. Rachakonda, G. Hoots, C. Davis

Portosystemic Gradients as a Predictive Factor for Development of
New Hepatic Encephalopathy Following Transjugular Intrahepatic
Portosystemic Shunt Placement. J.H. Wang, R.A. Patel, R.O. Kayaleh, I.
Passioura, G.A. Hoots

Evenmore and Glidepath Hemodialysis Catheters: Is There a
Difference? V. Gustainyte, G. Hoots

Society of Interventional Radiology Meeting 2018 Los Angeles, CA

Clinical Efficacy of Transjugular Intrahepatic Portosystemic Shunt Reduction and Occlusion for the Treatment of Post-Transjugular Intrahepatic Portosystemic Shunt Complications. G. Hoots, L. Rachakonda, R. Gnesda, K. Kuppler, B. Zwiebel

Noninvasive Prediction of Hepatic Transplant Portal Vein Stenosis. G. Hoots, M. Vasher, R. Lababidi, K. Massis, B. Zwiebel

International Symposium on Endovascular Therapy 2017 Hollywood, FL

Midterm Results of a Prospective Single-Institution Trial of Prostate Embolization for BPH in Prostates > 90 grams. C. R. Davis, D. Hernandez, R. Bukkapatnam, S. R. Meader, H. E. Rojas, B. R. Zwiebel, S. S. Shube, G. A. Hoots

Can the Pulmonary Embolism Severity Index (PESI) be used as a clinical tool prior to catheter directed pulmonary artery thrombolysis? J Lee, C Wrigley, S Perrin, C Davis, E Keasler, N Lambert, L Dawson, C DeClue, G Hoots

Perigraft Access Technique for the Evaluation and Treatment of Endoleaks after Bifurcated Stent Grafting. G. Hoots, K. Truong, A. Hayes, B. Zwiebel

Single Center Experience with Perigraft Access for the Repair of Type II Aortic Endoleaks. G. A. Hoots, M. L. Roca, R. L. Shriner, B. Zwiebel

Pulmonary Embolism: Do Pulmonary Artery Pressures Correlate with Laboratory and Imaging of Right Heart Dysfunction? C. Davis, J. S. Lee, N. F. Lambert, E. M. Keasler, L. D. Dawson, N. R. Hatfield, S. D. Perrin, G. A. Hoots, B. R. Zwiebel, J. M. Ford

Society of Interventional Radiology Meeting 2017 Washington, DC
Clinical utility of image-guided biopsy in diagnosis and management of vertebral osteomyelitis: A retrospective cohort study E. Keshishian, H. Ajrawat, C. Declue, A. Kumar, B. Zwiebel, C. Davis, K. Massis, G. Hoots, S. Meader

Society of Interventional Radiology Meeting 2016 Vancouver, CA
Proposed Update to the Classification of Aortic Endoleaks. G Hoots, M Shames, M Giarelli, M Back, B Zwiebel

National Poster Presentations

Strandness Symposium 2019 Hawaii
Novel Embolization of Type III Endoleak. M Roca, R Bernard, S Deaderick, C Engel, M Campbell, LS Grundy, B Zwiebel, G Hoots

American Medical Association National Meeting 2016 Chicago, IL
Clinical Utility of Image-guided Biopsy in Diagnosis and Management of Vertebral Osteomyelitis- A Retrospective Cohort Study. E. Keshishian, H. Ajrawat, C. Declue, A. Kumar, B. Zwiebel, C. Davis, K. Massis, G. Hoots, S. Meader

Radiologic Society of North America 2014 Chicago, IL
The Uprooted Implant: A Multimodality Review of Breast Implant Rupture and Associated Complications. N. Resteghini, G. Hoots, C. DeBenedictis

Radiologic Society of North America 2013 Chicago, IL
When Bamboo Breaks: Acute Trauma and Complications of the

Ankylotic Spine. G. Hoots, H. Sirkis, S. Baccei, C. Cerniglia

Other Research and Creative Achievements

Oral Abstract Presentations at International Meetings

“Safety and efficacy of the Inari FlowTrievers device for mechanical thrombectomy in patients with acute submassive pulmonary embolism and contraindication to thrombolysis”, Markovitz, M; Lambert, N; Dawson, L; Hoots, G; Journal of Vascular and Interventional Radiology,31,3,S116,2020,Elsevier. Society of Interventional Radiology Meeting 2020 Seattle, WA

Oral Abstract Presentations at National Meetings

Educational Conference: The Uprooted Implant: A Multimodality Review of Breast Implant Rupture and Associated Complications. Radiologic Society of North America 2014 Chicago, IL

Service

Professional Service

Reviewer, American Journal of Hospital Medicine	2021 – Present
Editorial Board, Journal of Clinical Radiology and Case Reports	2019 – Present
Reviewer, Journal of Vascular and Interventional Radiology	2017 – Present
Reviewer, Journal of the American College of Radiology	2017 – Present
Reviewer, Journal of Radiology Case Reports	2017 – Present
Reviewer, British Journal of Radiology	2016 – Present
Reviewer, Transplantation	2016 – Present

Leadership & Clinical Service

Vice Chief, Department of Radiology, Tampa General Hospital, Tampa FL	2020 – Present
Radiology Partners OPEC (Operations and Performance Excellence Committee)	2019 – Present
Committee Member, Quality Committee, Interventional Radiology Liaison, Radiology Associates of Florida	2017 – Present
Committee Member, Cancer Committee, Tampa General Hospital, Tampa, FL	2019 – Present
Co-Chair Alternate	
Chief Resident, UMass Memorial Radiology Residency Program, Worcester, MA	2016 – 2017 2013 – 2015
President, Florida State University College of Medicine Class of 2010, Tallahassee, FL	2006 – 2007
Executive at Large, Medical Student Council, Florida State University, Tallahassee, FL	2006 – 2007
Admissions Ambassador, Florida State University College of Medicine, Tallahassee, FL	2006 – 2008
Member, AMA MSS Hospitality Committee	2006

Community Service

Sponsor and Higher Ground Member, Recycled Tunes Charity, for Gasparilla Music Festival, Tampa, FL,	2017 – Present
Volunteer, Red Cross, North Treasure Coast Chapter, Vero Beach, FL	2008 – 2010
Volunteer, Cardiothoracic I.C.U., Veterans Affairs Hospital, Gainesville, FL	2003 – 2005

Industry Engagements

Consultant Trisalus	2020 – Present
Consultant Inari Medical	2020 – Present
Member, Venous Disease advisory board, Boston Scientific	2020 – Present
Consultant Angiodynamics	2018 – Present

Media

Mentioned on Fox Sports Radio in 2017 after treating radio host and Tampa Bay Lightning color commentator Steve Duemig for submassive pulmonary embolism. This was the first percutaneous pulmonary arterial thrombectomy performed at TGH and in the state of Florida using a novel embolectomy device.