

CURRICULUM VITAE

Robert A. Hieb MD, RVT, FSIR

Professor

Department of Radiology

Division of Vascular and Interventional Radiology

OFFICE ADDRESS:

Froedtert East Clinics
9200 W Wisconsin Ave
Milwaukee, WI 53226

EDUCATION:

07/1985 - 06/1986 Diplome de Langue Francais, Mention tres honorable, Loma Linda University- Foreign Exchange Program, Collognes-sous-Saleve, France
07/1986 - 06/1988 BA - French, Magna cum laude, University of North Dakota, Grand Forks, ND
06/1988 - 05/1992 MD, University of North Dakota Medical School, Grand Forks, ND

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/01/1992 - 06/30/1993 Surgical Internship, Department of Surgery, Loma Linda University Medical Center, 11175 Campus St., Loma Linda, CA
07/01/1993 - 06/30/1997 Resident, Department of Radiology, Loma Linda University Medical Center, 11175 Campus St., Loma Linda, CA
07/01/1997 - 06/30/1998 Fellowship, Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI

FACULTY APPOINTMENTS:

08/01/2002 - 06/30/2008 Assistant Professor of Radiology, Department of Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI
07/01/2004 - 06/30/2008 Assistant Professor of Surgery, Department of Surgery, Vascular Surgery, Medical College of Wisconsin, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI
07/01/2008 - 06/30/2014 Associate Professor of Radiology, Department of Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI
07/01/2008 - 06/30/2014 Associate Professor of Surgery, Department of Surgery, Vascular Surgery, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI
02/01/2013 - 06/30/2014 Associate Professor of Medicine, Department of Medicine, Hospice and Palliative Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI 53226
07/01/2014 - Present Professor of Surgery, Department of Surgery, Vascular Surgery, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI 53226
07/01/2014 - 11/30/2021 Professor of Medicine, Department of Medicine, Hospice and Palliative Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI 53226
07/01/2014 - Present Professor of Radiology, Department of Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI 53226

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

07/01/1995 - 06/30/1996 Instructor, Department of Radiology, Radiology Course for Medical Students, Loma Linda University Medical Center, 11175 Campus St., Loma Linda, CA
07/01/1995 - 06/30/1998 Instructor, Department of Radiology, Introduction to Clinical Medicine, Loma Linda University Medical Center, 11175 Campus St., Loma Linda, CA
07/01/2005 - 06/30/2010 Clinical Coordinator for Radiology in M1 - Clinical Human Anatomy Course, Department of Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 9200

W. Wisconsin Avenue, Milwaukee, WI
 09/01/2005 - 06/30/2007 Associate Program Director, Fellowship, Department of Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI
 07/01/2006 - 2018 Mentor, Pre-medical Mentoring Program, Medicine, Marquette University, 1250 W. Wisconsin Avenue, Milwaukee, WI
 07/01/2007 - 12/31/2013 Program Director, Fellowship, Department of Radiology, Vascular & Interventional Radiology, Medical College of Wisconsin, 9200 W. Wisconsin Avenue, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

01/01/2014 - Present Chief, Department of Radiology, Interventional Radiology, Clement J. Zablocki Veterans Affairs Medical Center, 5000 W. National Ave, Milwaukee, WI 53295
 07/01/2020 - Present Associate Director, Heart & Vascular Service Line, Froedtert Hospital, 9200 W. Wisconsin Avenue, Milwaukee, WI 53226
 05/01/2021 - Present Co-Director, Vascular Emergency Response Program, Vascular & Interventional Radiology, Froedtert Hospital, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
 07/01/2022 - Present Director, Limb Salvage Program, Vascular & Interventional Radiology, Froedtert Hospital, 9200 W. Wisconsin Ave, Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

07/01/1998 - 07/30/2002 Staff Interventional Radiologist, Radiology, Vascular Interventional Radiology, St. Agnes Medical Center, 1303 E. Herndon Avenue, Fresno, CA
 08/01/2002 - Present Interventional Radiology, Clement J. Zablocki Veterans Affairs Medical Center, 5000 W. National Avenue, Milwaukee, WI 53295
 08/01/2002 - Present Vascular & Interventional Radiology, Froedtert Hospital, 9200 W Wisconsin Ave, Milwaukee, WI 53226
 07/2017 - Present Radiology, Vascular & Interventional Radiology, Froedtert Menomonee Falls Hospital, W180N8085 Town Hall Road, Menomonee Falls, WI 53051
 07/2017 - Present Radiology, Vascular & Interventional Radiology, Froedtert West Bend Hospital, 3200 Pleasant Valley Road, West Bend, WI 53095

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Diagnostic Radiology	11/10/1997	10/15/2017
Certificate of Added Qualification Vascular and Interventional Radiology	11/08/1999	10/15/2017
Hospice & Palliative Medicine	12/21/2012	11/30/2021
Interventional Radiology/Diagnostic Radiology (IR/DR)	10/15/2017	03/01/2024

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
ACLS	AHA	07/1990	10/2025
BLS	AHA	07/1990	10/2025

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
North Dakota License	6897	05/1993	12/26/2025
California License	G78685	04/1994	12/31/2023
Wisconsin License	38850	06/27/1997	10/31/2025

AWARDS AND HONORS:

07/1985 - 07/1986 Diplome de Langue Francais, Mention tres honorable, Loma Linda University- Foreign Exchange Program, Collognes-sous-Saleve, France

07/1986 - 07/1988 Magna cum laude, University of North Dakota, Grand Forks, ND
1986 - 1988 Dean's Honor List, University of North Dakota
1988 Board of Higher Education Tuition Waiver, Academic & Personal Potential in the Field of Medicine, University of North Dakota
1988 Ruger Medical Scholarship, University of North Dakota
1989 Duggan Scholarship for Academic Achievement - Junior Medical Students, University of North Dakota
1992 Lange Scholarship for Outstanding Senior Medical Student, University of North Dakota
2009 - Present Best Doctors in America, Best Doctors Inc., Aiken, SC
2010 Society of Interventional Radiology Leadership Academy
2010 - Present Designation of Fellow (FSIR), Society of Interventional Radiology
2011 - 2012 Teacher of the Year, Vascular Interventional Radiology Fellowship
2012 Top Doctor - Chosen as a "Top Doctor" by peers, US News & World Report
2014 Volunteer Service Award, American Board of Radiology

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1996 - Present Society of Interventional Radiology (Member)
1998 - 2001 Fresno-Madera Medical Society (Member)
1998 - 2001 California Radiologic Society (Member)
1998 - 2001 Central Valley Radiological Society (Member)
2003 - Present Radiological Society of North America (Member)
2003 - 2011 Greater Milwaukee Interventional Society (Member)
2004 - Present American Registry for Diagnostic Medical Sonography (ARDMS) (Member)
2005 - 2008 Association of Program Directors in Interventional Radiology (Member)
2006 - Present American Medical Association (Member)
2006 - Present Wisconsin Medical Society (Member)
2007 - Present American Roentgen Ray Society (Member)
2012 - Present American Heart Association (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorial Board
10/01/2010 - Present Seminars in Interventional Radiology
01/12/2016 - Present Aorta Journal

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

07/1988 - 06/1990 Member, Scholastic Standards & Evaluation Procedures Committee, University of North Dakota School of Medicine
07/2000 - 06/2002 Member, Heart & Vascular Center Quality Service and Operations Committee, Saint Agnes Medical Center - Fresno, CA
08/2002 - 06/2005 Lecture Coordinator, Resident & Fellowship Conference, Vascular/Interventional Radiology - MCW
01/2005 - 12/2008 Member, Central Line Initiative Committee, Institute for Healthcare Improvement (IHI)
07/2005 - 06/2007 Program Director, Greater Milwaukee Interventional Society
09/01/2022 - 04/21/2023 Course Director, Milwaukee Aortic Symposium, Medical College of Wisconsin
10/09/2023 - 03/15/2024 Course Director, Milwaukee Vascular Symposium, Medical College of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2003 - 2008 Member, Membership Committee, Society of Interventional Radiology
2005 - 2013 Member, Association of Program Directors in Interventional Radiology, Society of Interventional Radiology
2007 - 2010 Co-Director, Peripheral Arterial Disease Task Force, Society of Interventional Radiology
2007 - 2010 Course Director, SIR Spring Fellows Practicum, Society of Interventional Radiology
2007 - 2008 Chair, Subcommittee in Education, Association of Program Directors in Interventional Radiology
2007 - 2008 Chair, Education Subcommittee - PAD Task Force, Society of Interventional Radiology
2008 Member, Inaugural Class - Leadership Academy, Society of Interventional Radiology
2008 - 2010 President-elect, Association of Program Directors in Interventional Radiology, Society of Interventional Radiology

2009 - 2013 Member, Primary Certificate Writing Group Committee, Society of Interventional Radiology
 2009 - 2013 Member, Dual Certificate Writing Group Committee, Society of Interventional Radiology
 2009 - 2012 Member, Writing Group Committee, American Board of Radiology Maintenance of Certification
 2010 - 2012 President, Association of Program Directors in Interventional Radiology, Society of Interventional Radiology
 2011 Appointed co-director, Lower Extremity Arterial Revascularization (LEARN) Meeting, Society of Interventional Radiology
 2012 - Present Board Examiner, Diagnostic Radiology Board Certification, American Board of Radiology
 2012 - 2016 Co-Chair Vascular Interventional Radiology Section, Diagnostic Radiology Board Certification, Standards Setting Committee, American Board of Radiology
 2013 - 2016 Director, Vascular Interventional Radiology Instructional Courses, Instructional Course Committee, American Roentgen Ray Society
 07/01/2014 - 07/01/2016 Froedtert Hospital Expert Representative, Subject Matter Expert (SME) Advisory Panel, Upper Midwest Consolidated Services Center, LLC(UMCSE)
 07/01/2014 - Present Member, Peripheral Vascular Interventions (PVI) for Vascular Quality Initiative (VQI), Society of Vascular Surgery (SVS)
 11/2015 Moderator, SIR Leadership Development Academy, Society of Interventional Radiology
 05/16/2016 - Present Board Examiner, Interventional Radiology Board Certification, American Board of Radiology (ABR)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Evaluation of Hemodynamic Parameters Following Transjugular Intrahepatic Portosystemic Shunt (TIPS)
Source:	RSNA
Role:	Sub Investigator
PI:	Eric J. Hohenwarter, MD
Dates:	09/11/2019 - Present

Non-Peer Review

Title:	A Prospective Study Evaluating A Novel Class of Software
Source:	Siemens
Role:	Sub-Investigator
PI:	William S. Rilling (08/26/2009 - 09/23/2011), Eric J. Hohenwarter (09/23/2011 - 06/18/2020)
Dates:	08/26/2009 - 06/18/2020

Title:	TS 102 EPOCH: A Phase III Clinical Trial Evaluating TheraSphere in Patients with Metastatic Colorectal Carcinoma of the Liver Who Have Failed First Line Chemotherapy
Source:	Biocompatibles
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	03/26/2012 - 03/25/2021

Title:	Outcomes of Ruptured Abdominal Aneurysm
Source:	Non-funded Chart Review
Role:	Sub-Investigator
PI:	Peter J. Rossi, MD

Dates:	09/12/2013 - Present
Title:	A Prospective, Multicenter, Non-Blinded, Non-Randomized Study of The RelayPro Thoracic Stent-Graft in Subjects With Traumatic Injury of the Descending Thoracic Aorta (RELAY PRO-T)
Source:	Bolton Medical, Inc.
Role:	Sub-Investigator
PI:	Peter J. Rossi, MD
Dates:	07/03/2017 - Present
Title:	Patient Outcomes in Vascular Surgery (Umbrella Protocol)
Source:	Chart Review
Role:	Sub-Investigator
PI:	Peter J. Rossi, MD
Dates:	10/21/2019 - Present
Title:	RELAY PRO-D -A Prospective, Multicenter, Non-Blinded, Non-Randomized Study of the RelayPro in Subjects with Acute, Complicated Type B Aortic Dissections
Source:	Bolton/Terumo, Inc
Role:	Sub-Investigator
PI:	Peter J. Rossi, MD
Dates:	03/12/2020 - Present
Title:	Post-approval Study of the TREO Abdominal Stent-graft System (P190015) in Patients with Infrarenal Abdominal Aortic and Aorto-iliac Aneurysms
Source:	Terumo Medical, Inc.
Role:	Sub-investigator
PI:	Peter J. Rossi, MD
Dates:	03/24/2021 - Present
Title:	Venous stent for the Iliofemoral Vein Investigational clinical trial using the DUO™ Venous Stent System (VIVID)
Source:	Vesper
Role:	Sub-Investigator
PI:	Parag J. Patel, MD, MS
Dates:	04/12/2021 - Present
Title:	STRIKE-PE: A Prospective, Multicenter Study of the Indigo™ Aspiration System Seeking to Evaluate the Long-Term Safety and Outcomes of Treating Pulmonary Embolism
Source:	Penumbra
Role:	Sub-Investigator
PI:	Matthew J. Scheidt, MD
Dates:	03/07/2022 - Present

Title:	A Prospective Multicenter Single-Arm Staged Study to Evaluate the Safety and Effectiveness of Embrace™ Hydrogel Embolic For Transcatheter Embolization of Arterial Bleeding in Solid Organs and Peripheral Arteries: The HALT Study
Source:	Instylla, Inc.
Role:	Sub-Investigator
PI:	Sarah B. White, MD, MS
Dates:	05/10/2023 - Present

Prior

Peer Review

Title:	A non-randomized, multi-center study to evaluate the performance of the PolarCath™ Peripheral Dilatation System for the dilatation of stenotic lesions in infrapopliteal arteries (i.e. below the knee) when treating the whole leg
Source:	CryoVascular System, Inc. Los Gatos, CA
Role:	Principal Investigator
PI:	Self
Dates:	11/01/2004 - 10/30/2006
Direct Funds:	\$9,200

Title:	Assessing Biomechanics of a Cadaveric Model
Source:	Cardinal Health, Chicago, IL
Role:	Sub Investigator
PI:	Sean Tutton, MD
Dates:	05/16/2006 - 05/15/2009
Direct Funds:	\$4,000

Title:	ACRIN 6673: Multicenter Feasibility Study of Percutaneous Radiofrequency Ablation of Hepatocellular Carcinoma in Cirrhotic Patients
Source:	ACRIN
Role:	Sub Investigator
PI:	Sean M. Tutton MD
Dates:	07/04/2006 - 09/16/2010

Title:	SHIP: Study of Hemostasis and Invasive Procedures - A multicenter, randomized, controlled trial of fresh frozen plasma or no therapy prior to invasive hepatobiliary procedures
Source:	National Heart lung and Blood Institute
Role:	Sub Investigator
PI:	Eric J. Hohenwalter MD
Dates:	10/02/2006 - 12/13/2006

Title:	Combination Therapy of Hepatocellular Carcinoma using TheraSphere
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Source:	Radioembolization and Transarterial Chemoembolization
Role:	Non-funded Retrospective Chart Review
PI:	Sub-Investigator
Dates:	Eric J. Hohenwarter MD 12/14/2006 - 03/29/2011
Title:	SONOMA -The NexStent™ Carotid Stent System: A Post Market Approval Evaluation Study in Conjunction with the FilterWire EZ™ Embolic Protection System
Source:	Boston Scientific Corporation
Role:	Principal Investigator
PI:	Robert A. Hieb MD
Dates:	03/11/2008 - 08/01/2008
Direct Funds:	\$1,875
Title:	CARE Bone Study: A Phase III Trial of Cryoablation vs. Radiation for the Palliation of Painful Bone Metastases
Source:	NCCTG
Role:	Sub Investigator
PI:	Sean M. Tutton MD
Dates:	04/21/2008 - 07/10/2009
Title:	Retrospective Review On Compassionate Use Of Radioembolization (Y-90) TheraSpheres For Non-Colorectal Cancer Liver Metastases
Source:	Retrospective Chart Review
Role:	Principal Investigator
PI:	Robert A. Hieb MD
Dates:	01/16/2009 - 02/28/2012
Title:	ATTRACT: Acute Venous Thrombosis: Thrombus Removal With Adjunctive Catheter Directed Thrombolysis
Source:	Washington University School of Medicine / National Heart Lung Blood Institute (NHLBI) / NIH
Role:	Sub Investigator
PI:	Parag J. Patel MD
Dates:	10/12/2009 - 04/17/2017
Title:	RESCUE: Evaluation of the Clinical Performance of the Valiant Thoracic Stent Graft With the Captivia Delivery System for the Endovascular Treatment Of Blunt Thoracic Aortic Injuries
Source:	Medtronic Vascular Inc.
Role:	Principal Investigator
PI:	Robert A. Hieb MD
Dates:	05/26/2010 - 01/09/2018
Title:	E1208: A Phase III Randomized, Double-

	Blind Trial of Chemoembolization With or Without Sorafenib in Unresectable Hepatocellular Carcinoma (HCC) In Patients With and Without Vascular Invasion
Source:	ECOG
Role:	Sub Investigator
PI:	Ben George, MD
Dates:	07/28/2010 - 11/21/2016
Title:	Chart Review: Y90 Net
Role:	Sub Investigator
PI:	T. Clark Gamblin MD
Dates:	12/06/2011 - 08/29/2012
Title:	Safety and Efficacy of Using CT With Doppler US Fusion Imaging for Aneurysm Surveillance Following Endovascular Aneurysm Repair (EVAR) Placement
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	Peter J. Rossi MD
Dates:	08/29/2012 - 06/25/2013
Title:	Cost and Morbidity Analysis of Chest Port Insertion: Interventional Radiology vs. Surgical Implantation
Source:	RSNA grant funded
Role:	Sub-Investigator
PI:	Jennifer LaRoy
Dates:	03/18/2013 - 05/12/2015
Title:	BEST Trial (Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia)
Source:	NERI
Role:	Sub-Investigator
PI:	Parag J. Patel, MD, MS
Dates:	10/06/2014 - 01/06/2022
Title:	PRESERVE: Predicting the Safety and Effectiveness of Inferior Vena Cava Filters
Source:	IVC Filter Foundation Group/NERI
Role:	Sub-Investigator
PI:	Eric J. Hohenwalter, MD
Dates:	02/22/2016 - 12/07/2021
Title:	Liver Directed Therapy in Patients with Unresectable Hepatocellular Carcinoma or Liver Metastases: Focus on Quality of Life and Resource Utilization
Source:	Society of Interventional Radiology Foundation

Role:	Co-Investigator
PI:	Tim Zellmer
Dates:	02/26/2016 - 07/23/2018
Direct Funds:	\$4,000
Title:	Cost Comparison Of Percutaneous Endovascular Aortic Repair Versus Endovascular Aortic Repair With Open Femoral Artery Exposure
Source:	RSNA Research and Education Foundation - Medical Student Research Grant
Role:	Designated Advisor
PI:	Jacob Thurston
Dates:	05/17/2016 - 09/2018
Direct Funds:	\$3,000
Title:	Cost-effective Analysis of Percutaneous Femoral Artery Access in Endovascular Aortic Repair
Source:	Radiological Society of North America
Role:	Co-Investigator
PI:	Jacob Thurston
Dates:	06/01/2016 - 08/31/2016
Direct Funds:	\$3,000

Non-Peer Review

Title:	CAPTURE: 010-05 A Post-Approval Study of the Guidant Acculink Stent Systems and Accunet Embolic Protection Systems” CAPTURE – Carotid Rx Acculink/Accunet Post-Approval Trial to Uncover Unanticipated and Rare Events
Source:	Guidant Corp, Santa Clara, CA
Role:	Principal Investigator
PI:	Robert A. Hieb, MD
Dates:	02/08/2005 - 06/07/2007
Direct Funds:	\$3,350
Title:	(Everest) The Bard Recovery Filter Study
Source:	Bard Peripheral Vascular
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	03/06/2006 - 10/12/2007
Title:	TheraSphere for the Treatment of Liver Metastases: An Open Label Trial of TheraSphere in Patients with Liver Metastases from Primary Colorectal Cancer, Neuroendocrine Cancer or Non-Colorectal/Non-Neuroendocrine Cancer
Source:	MDS Nordion
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	09/25/2006 - 02/22/2012

Title:	Survival After Transarterial Chemoembolization of Hepatocellular Carcinoma in Patients With and Without Cirrhosis
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	09/27/2006 - 04/22/2008
Title:	Safety and Efficacy of Transarterial Chemoembolization (TACE) of hepatic metastases in patients with genitourinary malignancies
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	09/24/2007 - 04/06/2011
Title:	Utility of CT Fluoroscopy Guidance During Percutaneous Sacroplasty With Quality of Life Assessment
Source:	Retrospective and Prospective Chart Review
Role:	Sub Investigator
PI:	Sean M. Tutton MD
Dates:	01/25/2008 - 02/23/2013
Title:	Embolization of Type II Endoleak following Endovascular Abdominal Aortic Aneurysm Repair using Liquid Embolics: A Case Series
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	04/01/2008 - 03/02/2009
Title:	REVISE: Gore VIABAHN® Endoprosthesis versus Percutaneous Transluminal Angioplasty (PTA) to Revise Arteriovenous Grafts at the Venous Anastomosis in Hemodialysis Patients
Source:	W.L. Gore & Associates, Inc.
Role:	Sub Investigator
PI:	Eric J. Hohenwarter MD
Dates:	09/15/2008 - 10/20/2014
Title:	Initial Clinical Evaluation of Color- Coded Blood Flow (CCBF): A Feasibility Study Performed Retrospectively
Source:	Retrospective Chart Review but sponsored by Siemens
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	09/16/2008 - 03/04/2012

Title:	Retrospective Review On Chemoembolization Of Patients With TIPS
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	Eric J. Hohenwarter MD
Dates:	07/06/2009 - 02/17/2012
Title:	Clinical Evaluation of the LOGIQ E9 Diagnostic Ultrasound System with Volume Navigation
Role:	Sub Investigator
PI:	Dennis Foley MD
Dates:	08/12/2009 - 05/28/2012
Title:	Retrospective Review Of Institutional Quality Assurance And Radiation Safety Measures Relating to Y-90 Glass Microsphere (TheraSphere) Radioembolization for Radiation Treatment Or As A Neoadjuvant To Surgery Or Transplantation In Patients With Unresectable Primary And Secondary Hepatic Malignancy
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	10/09/2009 - 07/21/2011
Title:	KAST: The Kiva™ System as a Vertebral Augmentation Treatment – A Safety and Effectiveness Trial
Source:	Benvenue Medical
Role:	Sub Investigator
PI:	Sean M. Tutton MD - National PI
Dates:	04/28/2010 - 04/22/2014
Title:	The Use of TheraSphere in Primary and Metastatic Liver Tumors: A Single Center Experience With Risk Factors For Poor Prognosis
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	09/26/2010 - 04/26/2013
Title:	DEBIRI: Drug-Eluting Bead, Irinotecan (DEBIRI) Therapy Of Liver Metastasis From Colorectal Cancer With Concomitant Systematic Oxaliplatin, Fluorouracil And Leucovorin Chemotherapy And Avastin Therapy
Source:	Biocompatibles
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	10/27/2010 - 06/02/2014

Title:	SIRFLOX: Randomized Comparative Study of FOLFOX 6m plus Sir-Spheres Microspheres Versus FOLFOX 6m Alone As First Line Treatment In Patients with Non-Resectable Liver Metastases From Primary Colorectal Carcinoma of the Liver Who Have Failed First Line Chemotherapy
Source:	SirTex
Role:	Sub Investigator
PI:	William S. Rilling MD
Dates:	06/08/2011 - 01/15/2017
Title:	VENATECH: VenaTech Convertible Vena Cava Filter U. S. Multicenter Clinical Trial
Source:	B. Braun
Role:	Sub Investigator
PI:	William S. Rilling MD & Eric J. Hohenwalter MD
Dates:	06/31/2011 - 07/07/2020
Title:	Image Guided Percutaneous Ablation and Osteoplasty of Musculoskeletal Lesions: A Single Center Experience
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	Sean M. Tutton MD
Dates:	09/26/2011 - 05/03/2013
Title:	Chart Review: Microwave Ablation
Source:	Non-funded Retrospective Chart Review
Role:	Sub-Investigator
PI:	T. Clark Gamblin, MD
Dates:	12/07/2011 - 09/25/2012
Title:	Clinical Prediction Rule for Risk of Complication in Patients Undergoing Liver Directed Therapy
Role:	Sub Investigator
PI:	Eric J. Hohenwalter MD
Dates:	03/05/2012 - 08/31/2012
Title:	Factors Contributing to Increased Infection Rates of Patients with Implanted Chest Ports
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	Sarah B. White MD
Dates:	04/30/2012 - 10/20/2014
Title:	Safety and Efficacy for the Treatment of Hepatic Tumors Using Cryoablation
Source:	Retrospective Chart Review
Role:	Sub Investigator
PI:	Sarah B. White MD
Dates:	05/03/2012 - 04/26/2013

Title: Tumor Response Assessment:
Automated Tumor Volume vs. Standard
RECIST Criteria

Source: Retrospective Chart Review

Role: Sub Investigator

PI: William Rilling, MD

Dates: 08/29/2012 - 06/07/2013

Title: Do K-ras Mutations Portend A Worse
Prognosis In Patients Undergoing Liver
Directed Therapy For Colorectal
Metastases?

Source: Non-funded Chart Review

Role: Sub-Investigator

PI: Sarah B. White, MD, MS

Dates: 10/02/2012 - 08/01/2013

Title: Vascular Interventional Radiology
Fellowship Progression of Knowledge
Study

Source: Non-funded

Role: Sub-Investigator

PI: Parag J. Patel MD MS

Dates: 02/04/2013 - 01/31/2017

Title: Zenith® Spiral-Z® AAA Iliac Leg Graft
Post-Market Registry

Source: Cook, Inc.

Role: Co-Investigator

PI: Cheong J. Lee MD

Dates: 07/05/2013 - 05/19/2016

Title: Evaluation of 3D Overlay During TIPS
Procedures

Source: Siemens Medical

Role: Principal Investigator

PI: Robert A. Hieb, MD

Dates: 01/06/2014 - 09/20/2019

Title: Retrospective Review Of Y90 Glass
Microspheres (TheraSphere) In The
Treatment Of Metastatic Colorectal
Cancer

Source: Non-funded Retrospective Chart Review

Role: Sub-Investigator

PI: William S. Rilling, MD

Dates: 01/29/2014 - 12/08/2015

Title: Evaluation of the Gore Excluder Iliac
Branch Endoprosthesis for the Treatment
of Common Iliac Artery Aneurysms or
Aorto-Iliac Aneurysms

Source: W.L. Gore & Associates, Inc.

Role: Sub-Investigator

PI: Peter Rossi MD

Dates: 02/12/2014 - 07/16/2021

Title:	Endologix Nellix®: Endovascular Abdominal Aortic Aneurysm Repair
Source:	Endologix
Role:	Sub-Investigator
PI:	Cheong Jun Lee, MD
Dates:	04/01/2014 - 03/22/2022
Title:	Safety And Efficacy Of Transarterial Chemoembolization (TACE)Of Patients With Transjugular Intrahepatic Portosystemic Shunts (TIPS)
Source:	Non-funded Retrospective Chart Review
Role:	Sub Investigator
PI:	Eric J. Hohenwalter
Dates:	07/01/2014 - 08/01/2016
Title:	Endovascular Interventions With Angiomax: The ENDOMAX Trial
Source:	The Medicines Company
Role:	Sub-Investigator
PI:	Parag J. Patel, MD, MS
Dates:	07/11/2014 - 04/12/2016
Title:	Can Quantitative MRI after cTACE Help Predict Survival?
Source:	Guerbet
Role:	Sub-Investigator
PI:	Sarah B. White, MD, MS
Dates:	08/25/2014 - 05/23/2023
Title:	Geniculate Artery Embolization For Management Of Recurrent Hemarthrosis: A Single Center Experience
Source:	Non-funded Retrospective Chart Review
Role:	Sub-Investigator
PI:	Eric J. Hohenwalter, MD
Dates:	09/29/2014 - 05/19/2016
Title:	BPV-12-001: Prospective, Multi-Center, Non-Randomized, Single-Arm Study Of The Bard® Life Stream™ Balloon Expandable Vascular Covered Stent In The Treatment Of Iliac Artery Occlusive Disease (BOLSTER)
Source:	Bard
Role:	Sub-Investigator
PI:	Parag J. Patel, MD, MS
Dates:	03/16/2015 - 10/15/2015
Title:	Arterial Access Site Changes On CT Angiography Following Open vs Percutaneous Endovascular Aortic Repair
Source:	Non-funded Chart Review
Role:	Principal Investigator

PI:	Robert A. Hieb, MD
Dates:	08/05/2016 - 01/2018
Title:	Safety and Efficacy Of Percutaneous Embolic Therapy For Treatment Of Low Flow Vascular Malformations: A Single Center Experience From 2000-2016
Source:	Non-funded Chart Review
Role:	Principal Investigator
PI:	Robert A. Hieb, MD
Dates:	08/05/2016 - 11/01/2022
Title:	Understanding Palliative Care Training in Interventional Radiology
Source:	Non-funded
Role:	Sub-Investigator
PI:	Sean M. Tutton, MD
Dates:	09/14/2016 - 08/11/2020
Title:	Fibrinogen Level Monitoring During Catheter Directed Thrombolysis
Source:	Non-funded Chart Review
Role:	Principal Investigator
PI:	Robert A. Hieb, MD
Dates:	04/07/2017 - 07/22/2022
Title:	Cost Effectiveness Of Endovascular Interventions Using Drug-Coated Balloons vs. Conventional Percutaneous Transluminal Angioplasty For Treatment Of Patients With Critical Limb Ischemia
Source:	Non-funded Chart Review
Role:	Principal Investigator
PI:	Robert A. Hieb, MD
Dates:	06/14/2017 - 09/2018
Title:	Outcomes Following Thoracic Endovascular Aortic Repair for Acute Aortic Syndromes
Source:	Non-funded Chart Review
Role:	Co-Principal Investigator
PI:	Robert A. Hieb, MD/Parag J. Patel, MD, MS
Dates:	11/01/2017 - 02/29/2020
Title:	A Phase 1 Multi-Center, Randomized, Double-Blind, Placebo Controlled Dose Escalation Study of Vonapanitase Administered Following Angioplasty of a Distal Popliteal, Tibial or Peroneal Artery in Patients with Peripheral Artery Disease
Source:	Proteon Therapeutics Inc.
Role:	Sub-Investigator
PI:	Parag J. Patel, MD, MS
Dates:	09/12/2018 - 04/16/2019

Title:	JETStream Atherectomy with Adjunctive Paclitaxel-Coated Balloon Angioplasty vs Balloon Angioplasty followed by Paclitaxel-Coated Balloon in Treating Complex De novo Femoropopliteal Arterial Disease (JET- RANGER)
Source:	Midwest Cardiovascular Research Foundation
Role:	Principal Investigator
PI:	Robert A. Hieb, MD
Dates:	03/12/2019 - 09/15/2020
Title:	A Prospective, Multi-Center, Single- Arm, Real World Study Assessing the Clinical Use of the Caterpillar™ Arterial Embolization Device for Arterial Embolization in the Peripheral Vasculature (MONARCH)
Source:	Bard Peripheral Vascular, Inc.
Role:	Sub-Investigator
PI:	Sarah B. White, MD, MS
Dates:	07/28/2020 - 11/14/2022
Title:	Liquid Embolization of Arterial Hemorrhages in Peripheral Vasculature: The LAVA Study
Source:	BlackSwan
Role:	Sub-Investigator
PI:	Parag J. Patel, MD, MS
Dates:	09/14/2021 - 09/12/2022

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Hieb, RA., Peripheral Vascular Disease; An Introduction for Primary Care Physicians, MCW Physician Liaison Program, Primary Care Physicians, Medical College of Wisconsin, Watertown Plank Road Clinic, Milwaukee, WI, 06/17/2003

Hieb, RA., Peripheral Vascular Disease: An Introduction for Primary Care Physicians, MCW Physician Liaison Program, Primary Care Physicians, Medical College of Wisconsin, Lincoln Avenue Clinic, Milwaukee, WI, 08/06/2003

Hieb, RA., Vascular Access Lecture, MCW Physician Liaison Program, Department of Nephrology, Medical College of Wisconsin, Milwaukee, WI, 01/05/2004

Hieb, RA., TIPS for Refractory Ascites and Variceal Bleeding, Sixth Annual MCW Liver Disease Update, Milwaukee, WI, 03/19/2004

Hieb, RA., Retrievable IVC Filters: A Paradigm Shift in Venous Thromboembolic Disease, Southeast Wisconsin Association of Vascular and Interventional Radiographers 2004 Spring Symposium, Brookfield, WI, 04/24/2004

Hieb, RA., New Technologies in Peripheral Vascular Intervention, Southeast Wisconsin Association of Vascular and Interventional Radiographers 2004 Spring Symposium, Brookfield, WI, 04/24/2004

Hieb, RA., Minimally Invasive Approach to Peripheral Vascular Disease, Classes for Life Stages, Froedtert Memorial Lutheran Hospital/Medical College of Wisconsin, Milwaukee, WI, 05/20/2004

Hieb, RA., New Technologies for Minimally Invasive Treatment of PVD, Department of Surgery Grand Rounds, MCW Physician Liaison Program, St. Michael Hospital, Milwaukee, WI, 09/15/2004

Hieb, RA., Renovascular Hypertension: Diagnosis and Treatment, Department of Medicine Grand Rounds, West Allis Memorial Hospital, West Allis, WI, 10/12/2004

Hieb, RA., Minimally Invasive Treatment of Peripheral Vascular Disease, Medical Grand Rounds, Columbia

St. Mary's Hospital, Milwaukee, WI, 10/26/2004

Hieb, RA., Treatment Options for Vascular Disease, Classes for Life Stages, Froedtert Memorial Lutheran Hospital/Medical College of Wisconsin, Milwaukee, WI, 11/03/2004

Hieb, RA., Stenting of Carotid Arteries: Procedure, Risks and Benefits, Cardiac Intensive Care Section, Continuing Medical Education Lecture Series, Froedtert Memorial Lutheran Hospital/Medical College of Wisconsin, Milwaukee, WI, 01/12/2005

Hieb, RA., Cryoplasty: A Clinical Update, Review and Case Presentation, Celia's at the Pfister Hotel, Milwaukee, WI, 09/27/2005

Hieb, RA., New Techniques for Minimally Invasive Treatment of Peripheral Vascular Disease, Marquette University Bioengineering Students, Medical College of Wisconsin, Milwaukee, WI, 10/11/2005

Hieb, RA., Management of Carotid Artery Disease, Department of Surgery Grand Rounds, Medical College of Wisconsin, 12/21/2005

Hieb, RA., Management of Carotid Artery Disease, Department of Surgery Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, 12/21/2005

Hieb, RA., New Techniques for Minimally Invasive Treatment of Peripheral Vascular Disease, Marquette University Bioengineering Students, Medical College of Wisconsin, Milwaukee, WI, 10/10/2006

Hieb, RA., The Modern Practice of Interventional Radiology, Sunnyslope Family Practice Clinics, Brookfield, WI, 01/16/2007

Hieb, RA., New Techniques for Minimally Invasive Treatment of Peripheral Vascular Disease, Marquette University Bioengineering Students, Medical College of Wisconsin, Milwaukee, WI, 10/09/2007

Hieb, RA., Renovascular Hypertension, Wisconsin Academy of Physician Assistants (WAPA) Fall Conference, Country Springs Hotel, Waukesha, WI, 10/10/2007

Hieb, RA., Interventional Radiology Update for Primary Care Physicians, 38th Annual Winter Refresher Course for Family Medicine, Country Springs Hotel, Waukesha, WI, 01/30/2008

Hieb, RA., Aortic Aneurysms, Froedtert Hospital Community Education Program, Wisconsin Athletic Center Conference Room, Milwaukee, WI, 10/17/2013

Hieb, RA., Interventional Radiology for the Palliative Care Patient, 3rd Annual Challenging Topics in Palliative Care: Beyond the Basics, Milwaukee, WI, 04/04/2014

Hieb, RA., The Evolution of Aortic Aneurysm Repair, Southeastern Wisconsin Association of Vascular Interventional Radiographers (SEW-AVIR) 2017 Spring Symposium, Clarion Hotel, Milwaukee, WI, 04/01/2017

Hieb, RA., PAD: A Growing Problem Requiring Multidisciplinary Care, Department of Medicine Grand Rounds, Froedtert Hospital, Milwaukee, WI, 04/07/2017

Hieb, RA., Transcarotid Arterial Revascularization, Southeastern Wisconsin Association of Vascular Interventional Radiographers (SEW-AVIR) 2019 Spring Symposium, Milwaukee, WI, 04/13/2019

Hieb, RA., When to Intervene on that Pesky Type II Endoleak, Milwaukee Vascular Symposium, Brookfield, WI, 03/15/2024

Regional

Hieb, RA., Vascular Access Lecture, MCW Physician Liaison Program, Fox Valley Surgical Associates, Appleton, WI, 10/21/2003

Hieb, RA., New Technologies for Minimally Invasive Treatment of PVD, MCW Physician Liaison Program, St. Agnes Hospital, Fond du Lac, WI, 09/02/2004

Hieb, RA., The Polar Cath™ Peripheral Dilatation System, An Educational Evening Symposium, at Hinterland Brewery Restaurant, Green Bay, WI, 10/03/2006

Hieb, RA., Endovascular Treatment of Abdominal Aortic Aneurysms, Grand Rounds, Appleton Medical Center, Appleton, WI, 11/17/2006

Hieb, RA., Evaluation and Endovascular Management of Critical Limb Ischemia, Michigan Society of Interventional Radiology, Visiting Professor, Detroit MI, 03/13/2014

Hieb, RA., TEVAR in Acute (Un)complicated Type B Dissection: Predictors of Remodeling, Aortic Dissection Symposium, Medical College of Wisconsin, Milwaukee, WI, 10/30/2015

Hieb, RA., Endovascular TAAA - Current Status and Results, Milwaukee Aortic Symposium, Milwaukee, WI, 04/21/2023

National

Hieb, RA., Vascular/Interventional: Vascular Imaging, 104th Annual Meeting American Roentgen Ray Society, Miami Beach, FL, 05/02/2004 - 05/07/2004

Hieb, RA., Achieving Closure: Review of Current Vascular Closure Devices, Angio-Club meeting, Salt Lake City, UT, 09/09/2004

Hieb, RA., Moderator: Arterial Embolotherapy Workshop, Society of Interventional Radiology 30th Annual Scientific Meeting, New Orleans, LA, 03/31/2005 - 04/05/2005

Hieb, RA., Moderator: Aortoiliac Interventions Workshop, Society of Interventional Radiology 30th Annual Scientific Meeting, New Orleans, LA, 03/31/2005 - 04/05/2005

Hieb, RA., Moderator: Oncology/Embolization, Society of Interventional Radiology 30th Annual Scientific Meeting, New Orleans, LA, 03/31/2005 - 04/05/2005

Hieb, RA., Clinical Evaluation: Screening and Noninvasive Imaging of Carotid Artery Disease, 1st Annual SIR Fellowship Spring Practicum: Peripheral Vascular Intervention & Practice Development, Evanston, IL, 05/18/2006 - 05/19/2006

Hieb, RA., SFA Intervention: Techniques, Devices and Results, 1st Annual SIR Fellowship Spring Practicum: Peripheral Vascular Intervention & Practice Development, Mentice Training Center, Evanston, IL, 05/18/2006 - 05/19/2006

Hieb, RA., Tibial Intervention: Techniques, Devices and Results, 1st Annual SIR Fellowship Spring Practicum: Peripheral Vascular Intervention & Practice Development, Evanston, IL, 05/18/2006 - 05/19/2006

Hieb, RA., Image Guided Therapy for Hepatic Malignancies, Department of Medicine Grand Rounds, Bismarck, ND, 09/29/2006

Hieb, RA., Regional Cancer Therapy and Use of Closure Devices, Society of Interventional Radiology 32nd Annual Scientific Meeting, Seattle, WA, 03/01/2007 - 03/06/2007

Hieb, RA., Vertebroplasty Workshop, Society of Interventional Radiology 32nd Annual Scientific Meeting, Seattle, WA, 03/01/2007 - 03/06/2007

Hieb, RA., Moderator: Aortoiliac Workshop, Society of Interventional Radiology 32nd Annual Scientific Meeting, Seattle, WA, 03/01/2007 - 03/06/2007

Hieb, RA., Covered Stents, Association of Vascular Interventional Radiographers Society of Interventional Radiology 32nd Annual Scientific Meeting, Seattle, WA, 03/01/2007 - 03/06/2007

Hieb, RA., Angiography Tools and Techniques, Society of Interventional Radiology 32nd Annual Scientific Meeting, Seattle, WA, 03/01/2007 - 03/06/2007

Hieb, RA., Angiography Tools and Techniques, Society of Interventional Radiology 33rd Annual Scientific Meeting, Washington, DC, 03/15/2008 - 03/20/2008

Hieb, RA., Utility of CT Fluoroscopy Guidance during Percutaneous Sacroplasty with Quality of Life Assessment, Society of Interventional Radiology 33rd Annual Scientific Meeting, Washington, DC, 03/15/2008 - 03/20/2008

Hieb, RA., Aortic Stent Grafts: Imaging and Intervention, American Roentgen Ray Society 2007 Annual Meeting, Washington, DC, 04/13/2008 - 04/18/2008

Hieb, RA., Case-Based Morbidity and Mortality: Vascular Interventions, American Roentgen Ray Society 2007 Annual Meeting, Washington, DC, 04/13/2008 - 04/18/2008

Hieb, RA., Carotid Stenting: Tips, Tricks & Techniques, 3rd Annual SIR Fellows Spring Practicum, Evanston, IL, 05/08/2008 - 05/10/2008

Hieb, RA., Percutaneous SFA Interventions: What the Data Tells Us, 3rd Annual SIR Fellows Spring Practicum, Evanston, IL, 05/08/2008 - 05/10/2008

Hieb, RA., PAD Interventions, 3rd Annual SIR Fellows Spring Practicum, Evanston, IL, 05/08/2008 - 05/10/2008

Hieb, RA., Pulmonary Artery Catheterization Complicated by Pulmonary Artery Rupture in a Woman With Severe Pulmonary Arterial Hypertension: Can She Survive?, American College of Chest Physicians Annual Meeting, Philadelphia Convention Center, Philadelphia, PA, 10/25/2008 - 10/30/2008

Hieb, RA., So You're Getting Called Up to the Big Leagues: Fellows and Recent Grads, Society of Interventional Radiology Clinical Practice Webinar Series, 11/20/2008

Hieb, RA., Aortic Stent Grafts: Imaging and Intervention, Society of Interventional Radiology 34th Annual Scientific Meeting, San Diego, CA, 03/07/2009 - 07/12/2009

Hieb, RA., Angiography Tools & Technology, Society of Interventional Radiology 34th Annual Scientific Meeting, San Diego, CA, 03/07/2009 - 03/12/2009

Hieb, RA., Aortic Stent Grafts: Imaging and Intervention, American Roentgen Ray Society 2009 Annual Meeting, Boston, MA, 04/26/2009 - 04/30/2009

Hieb, RA., PAD Interventions, 4th Annual SIR Fellows Spring Practicum, Evanston, IL, 05/12/2009 - 05/14/2009

Hieb, RA., Carotid Stenting: Tips, Tricks & Techniques, 4th Annual SIR Fellows Spring Practicum, Evanston, IL, 05/14/2009 - 05/16/2009

Hieb, RA., Percutaneous SFA Intervention Techniques, Tips & Tricks, 4th Annual SIR Fellows Spring Practicum: Mentice Training Center, Evanston, IL, 05/14/2009 - 05/16/2009

Hieb, RA., PAD Interventions, 4th Annual SIR Fellows Spring Practicum, Evanston, IL, 05/14/2009 - 05/16/2009

Hieb, RA., Case-based Review of Interventional Radiology: Vascular Diagnosis, Radiologic Society of North America Annual Meeting, Chicago, IL, 12/01/2009

Hieb, RA., Angiography Tools & Technology, Society of Interventional Radiology 35th Annual Scientific Meeting, Tampa, FL, 03/13/2010 - 03/18/2010

Hieb, RA., Good Access Leads to Good Closure, Society of Radiology Physician Extenders, Las Vegas, NV, 04/26/2010 - 04/28/2010

Hieb, RA., Aortic Stent Grafts: Imaging and Intervention, American Roentgen Ray Society 2010 Annual Meeting, San Diego, CA, 05/01/2010 - 05/05/2010

Hieb, RA., PAD Interventions, 5th Annual SIR Fellows Spring Practicum, Evanston, IL, 05/11/2010 - 05/13/2010

Hieb, RA., Diagnosis and Treatment of Renovascular Disease, 2011 Society of Interventional Radiology 36th Annual Scientific Meeting, Chicago, IL, 03/26/2011 - 03/31/2011

Hieb, RA., Getting Started in IR Teaching, 2011 Society of Interventional Radiology 36th Annual Scientific Meeting, Chicago, IL, 03/26/2011 - 03/31/2011

Hieb, RA., Aortic Stent Grafts: Imaging and Interventional - Thoracic Stent Grafts, Overview of Devices and Cases, 2011 American Roentgen Ray Society's Annual Meeting, Chicago, IL, 05/01/2011 - 05/06/2011

Hieb, RA., PAD Intervention, Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 09/22/2011 - 09/24/2011

Hieb, RA., Aorto-iliac Disease, Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 09/22/2011 - 09/24/2011

Hieb, RA., Imaging in PAD, Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 09/22/2011 - 09/24/2011

Hieb, RA., Diagnostic Angiography, Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 09/22/2011 - 09/24/2011

Hieb, RA., Access and Closure, Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 09/22/2011 - 09/24/2011

Hieb, RA., Endovascular Toolbox for the 21st Century, 2012 Lower Extremity Arterial Revascularization (LEARN), Chicago IL, 09/27/2012 - 09/30/2012

Hieb, RA., Aorto-Iliac Disease: Approved Devices and Results, 2012 Lower Extremity Arterial Revascularization (LEARN), Chicago IL, 09/27/2012 - 09/30/2012

Hieb, RA., Panel Discussion: Practice/Program Development - Pearls for Junior Faculty in VIR, Lower Extremity Arterial Revascularization (LEARN), Chicago, IL, 09/27/2012 - 09/30/2012

Hieb, RA., Femoral-Popliteal Workshop Faculty, Lower Extremity Arterial Revascularization (LEARN), Chicago, IL, 09/27/2012 - 09/30/2012

Hieb, RA., Access Issues/Closure Techniques Workshop Coordinator, Lower Extremity Arterial Revascularization (LEARN), Chicago, IL, 09/27/2012 - 09/30/2012

Hieb, RA., Critical Limb Ischemia Workshop Faculty, Lower Extremity Arterial Revascularization (LEARN), Chicago, IL, 09/27/2012 - 09/30/2012

Hieb, RA., PAD III: Infrapopliteal Interventions Workshop - Case Based Review, 2013 SIR Annual Scientific Meeting, New Orleans, LA, 04/13/2013 - 04/18/2013

Hieb, RA., Advanced Critical Limb Ischemia (CLI) Intervention Categorical Course: The Aftermath: What to Do After the High Fives, 2013 SIR Annual Scientific Meeting, New Orleans, LA, 04/13/2013 - 04/18/2013

Hieb, RA., Advanced Topics in Endovascular Repair of Abdominal Aortic Aneurysm: Percutaneous EVAR: Pearl and Pitfalls, 2013 SIR Annual Scientific Meeting - IR Reaching Out, New Orleans, LA, 04/13/2013 - 04/18/2013

Hieb, RA., Angiography, Biopsy and Drainage: The ABDs of Interventional Radiology Workshop - Coordinator & Speaker, 2013 SIR Annual Scientific Meeting, New Orleans, LA, 04/13/2013 - 04/18/2013

Hieb, RA., Endovascular Repair for AAA (Hands-On) Workshop Coordinator & Speaker, 2013 SIR Annual

Scientific Meeting, New Orleans, LA, 04/13/2013 - 04/18/2013

Hieb, RA., Patel, PJ., Advanced Topics in Endovascular Repair of Abdominal Aortic Aneurysm: Panel Discussion: How Far Off IFU Can You Go? Discussion of Short necks, Snorkels, Hypogastric Challenges, and Other Contraindications, 2013 SIR Annual Scientific Meeting, New Orleans, LA, 04/13/2013 - 04/18/2013

Hieb, RA., Soares, G., Saad, W., Case-Based Complications in Interventional Radiology (Vascular), American Roentgen Ray Society 2013 Annual Meeting, Washington DC, 04/14/2013 - 04/19/2013

Hieb, RA., Mesenteric Interventions, 8th Annual SIR Fellows Spring Practicum, Evanston IL, 05/30/2013 - 06/01/2013

Hieb, RA., Palliative Care: Carotid Blowout Syndrome, Society of Interventional Radiology 39th Annual Scientific Meeting, San Diego, CA, 03/22/2014

Hieb, RA., Palliative Care: Chronic Mesenteric Ischemia, Society of Interventional Radiology 39th Annual Scientific Meeting, San Diego, CA, 03/22/2014 - 03/27/2014

Hieb, RA., Case Based Review: Complications in Interventional Radiology - Vascular, 2014 American Roentgen Ray Society Annual Meeting, San Diego, CA, 05/04/2014 - 05/09/2014

Hieb, RA., PAD Interventions: Advanced Techniques/Assess Considerations, 9th Annual Society of Interventional Radiology Fellows Spring Practicum, Double Tree Magnificent Mile, Chicago IL, 05/05/2014 - 05/10/2014

Hieb, RA., Moderator: Aneurysm Therapy Session, 9th Annual Society of Interventional Radiology Fellows Spring Practicum, Double Tree Magnificent Mile, Chicago IL, 05/08/2014 - 05/10/2014

Hieb, RA., PAD Interventions: How I do it Workshop, 9th Annual SIR Fellows Spring Practicum, Double Tree Magnificent Mile, Chicago, IL, 05/08/2014 - 05/10/2014

Hieb, RA., Aneurysm Therapy, AAA: Overview of FDA Approved Devices, 9th Annual Society of Interventional Radiology Fellows Spring Practicum, Double Tree Magnificent Mile, Chicago IL, 05/08/2014 - 05/10/2014

Hieb, RA., Coordinator: Endografts (Abdominal) Planning, Deployment, and Trouble-shooting, Society of Interventional Radiology 41st Annual Scientific Meeting, Vancouver, BC, 04/02/2016 - 04/07/2016

Hieb, RA., Coordinator: Complex Aortic Intervention: Aneurysms, Society of Interventional Radiology 41st Annual Scientific Meeting, Vancouver, BC, 04/02/2016 - 04/07/2016

Hieb, RA., Coordinator: (TECHS) Endografts (Abdominal) Planning, Deployment, and Trouble-shooting, Society of Interventional Radiology 41st Annual Scientific Meeting, Vancouver, BC, 04/02/2016 - 04/07/2016

Hieb, RA., Aortoiliac Intervention: Case-based Workshop, Society of Interventional Radiology 41st Annual Scientific Meeting, Vancouver, BC, 04/02/2016 - 04/07/2016

Hieb, RA., Moderator: Meet the Experts: Adding Value to Your Hospital's Endograft Program, Society of Interventional Radiology 41st Annual Scientific Meeting, Vancouver, BC, 04/02/2016 - 04/07/2016

Hieb, RA., Coordinator: Abdominal Aortic Aneurysms: The Essentials, Society of Interventional Radiology 41st Annual Scientific Meeting, Vancouver, BC, 04/02/2016 - 04/07/2016

Hieb, RA., Embolization: The Right Tool for the Job, American Roentgen Ray Society Annual Meeting, Los Angeles, CA, 04/17/2016 - 04/22/2016

Hieb, RA., Panelist: How to Build A (Vein, IO, nonacademic, PAD, clinical...) Practice, SIR Fellows Spring Practicum, Chicago, IL, 05/12/2016 - 05/14/2016

Hieb, RA., Advanced Techniques/Access Considerations, SIR Fellows Spring Practicum, Chicago, IL, 05/12/2016 - 05/14/2016

Hieb, RA., Moderator: Advanced Techniques/Access, SIR Fellows Spring Practicum, Chicago, IL, 05/12/2016 - 05/14/2016

Hieb, RA., Moderator: Practice Development, SIR Fellows Spring Practicum, Chicago, IL, 05/12/2016 - 05/14/2016

Hieb, RA., PAD: Complex Lower Extremity Revascularization, IR in Music City! Southeastern Angiographic Society (SEAS), Nashville, TN, 10/12/2016 - 10/16/2016

Hieb, RA., AAA: EVAR - From Basic to Complex, IR in Music City! Southeastern Angiographic Society (SEAS), Nashville, TN, 10/12/2016 - 10/16/2016

Hieb, RA., Chronic Total Occlusions (CTO): Case 2: SFA CTO, Society of Interventional Radiology Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 10/20/2016 - 10/22/2016

Hieb, RA., Moderator: Drug Eluting/Anti-proliferative Technologies, Society of Interventional Radiology Lower Extremity Arterial Revascularization (LEARN) Meeting, Orlando, FL, 10/20/2016 - 10/22/2016

Hieb, RA., Moderator: Complex Aortic Intervention, Society of Interventional Radiology 42nd Annual Scientific Meeting, Washington, DC, 03/04/2017 - 03/09/2017

Hieb, RA., Complex Aortic Intervention: Aneurysms and Dissection, Society of Interventional Radiology 42nd Annual Scientific Meeting, Washington, DC., 03/04/2017 - 03/09/2017

Hieb, RA., Current Concepts in Venous Thromboembolism Management, American Roentgen Ray Society 2017 Annual Meeting, New Orleans, LA, 04/30/2017 - 05/05/2017

Hieb, RA., CTO Techniques, Alternative Access, 2017 International Symposium on Endovascular Therapy (ISET), Chicago, IL, 05/18/2017 - 05/20/2017

Hieb, RA., Panelist: Vascular Board-Peripheral Cases, 2017 SIR Fellows Spring Practicum, Chicago, IL, 05/18/2017 - 05/20/2017

Hieb, RA., PAD Interventions: Aorto-iliac Disease, 2017 SIR Fellows Spring Practicum, Chicago, IL, 05/18/2017 - 05/20/2017

Hieb, RA., PAD Interventions: Mesenteric Interventions, 2017 SIR Fellows Spring Practicum, Chicago, IL, 05/18/2017 - 05/20/2017

Hieb, RA., The Domain: Neuro IR for the Peripheral Interventionalist, Society of Interventional Radiology Annual Meeting 2019, Austin, TX, 03/28/2019

Hieb, RA., Legal Case: Detachment of Pacer Lead During TVLB, Northwestern University Feinberg School of Medicine 2019 Meltdown: Lessons Learned in Interventional Radiology, Los Angeles, CA, 11/09/2019 - 11/10/2019

Hieb, RA., Wire Perforation of Visceral Artery During SMA Revascularization, Northwestern University Feinberg School of Medicine 2019 Meltdown: Lessons Learned in Interventional Radiology, Los Angeles, CA, 11/09/2019 - 11/10/2019

Hieb, RA., Too Old for EVAR?, Northwestern University Feinberg School of Medicine 2019 Meltdown: Lessons Learned in Interventional Radiology, Los Angeles, CA, 11/09/2019 - 11/10/2019

International

Hieb, RA., Percutaneous Transcatheter Renal Angioplasty Prior to Surgical Repair of Abdominal Aortic Aneurysm, 17th World Congress of the International Union of Angiology, London, England, 04/1995

Hieb, RA., Hands-On Vertebroplasty Workshop, Society of Interventional Radiology 31st Annual Scientific Meeting, Toronto, Ontario, Canada, 03/30/2006 - 04/04/2006

Hieb, RA., Aortoiliac Interventions Workshop, Society of Interventional Radiology 31st Annual Scientific Meeting, Toronto, Ontario, Canada, 03/30/2006 - 04/04/2006

Hieb, RA., Basics Series: Angiography Tools and Techniques, Society of Interventional Radiology 31st Annual Scientific Meeting, Toronto, Ontario, Canada, 03/30/2006 - 04/04/2006

Hieb, RA., Approach to Diagnosis: A Case-Based Imaging Review – Vascular/Interventional Arterial Therapy, American Roentgen Ray Society 2006 Annual Meeting, Vancouver, BC, Canada, 04/30/2006 - 05/05/2006

Hieb, RA., Relationship of Pulmonary Shunt Fraction to Survival in Patients with Hepatocellular Carcinoma Being Considered for Y90 Radioembolization, International Liver Cancer Association Meeting, Barcelona, Spain, 10/05/2007 - 10/07/2007

Hieb, RA., Considerations and Techniques for Managing (Type II) Endoleak, Surgical Grand Rounds, University of Manitoba Hospitals, Winnipeg, Manitoba, Canada, 01/2010

Hieb, RA., Course Director: Common Clinical Scenarios in Interventional Radiology: What Every Interventional Radiologist Should Know, American Roentgen Ray Society 2012 Annual Meeting, Vancouver, British Columbia, Canada, 03/29/2012 - 05/04/2012

Hieb, RA., Common Clinical Scenarios in Interventional Radiology: What Every Interventional Radiologist Should Know - Invited Speaker, American Roentgen Ray Society 2012 Annual Meeting, Vancouver, British Columbia, Canada, 04/29/2012 - 05/04/2012

Hieb, RA., Moderator: Power Hour: Vascular Interventional Radiology, American Roentgen Ray Society 2012 Annual Meeting, Vancouver, British Columbia, Canada, 04/29/2012 - 05/04/2012

Hieb, RA., LINC Expert Course: Interventional recanalization of challenging CTOs: The CLI-Summit: Extreme Interventions below the knee with live case transmissions from Hamburg & Leipzig - Flash presentation: My experience with the SAFARI-technique in complex limb salvage cases, LINC 2013, Leipzig Germany, 01/23/2013 - 01/26/2013

Hieb, RA., Global Expert Exchange: Challenging Lower Limb Cases and Complications - Tibial Collateral Perforation During Attempted Transcollateral Recanalization, LINC 2013, Leipzig Germany, 01/23/2013 - 01/26/2013

Hieb, RA., Fenestrated & Snorkeled Endovascular Aortic Repair (F-EVAR), Middle East Endovascular Therapy Symposia: Interventional Oncology (MEET IO), Cairo, Egypt, 01/09/2018 - 01/12/2018

Hieb, RA., Moderator: Thoracic Aortic Disease, Middle East Endovascular Therapy Symposia: Interventional Oncology (MEET IO), Cairo, Egypt, 01/09/2018 - 01/12/2018

Hieb, RA., Infra-Inguinal & Infra-Genicular Disease Management, Middle East Endovascular Therapy Symposia: Interventional Oncology (MEET IO), Cairo, Egypt, 01/09/2018 - 01/12/2018

Hieb, RA., Management of Thoraco-Abdominal Aortic Disease, Middle East Endovascular Therapy Symposia: Interventional Oncology (MEET IO), Cairo, Egypt, 01/09/2018 - 01/12/2018

Hieb, RA., Invited Speaker, 13th Annual Scientific Meeting of Asia Pacific Society of Cardiovascular and Interventional Radiology (APSCVIR), Auckland, New Zealand, 03/08/2018 - 03/11/2018

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Local

Hartmann, BJ., White, SB., Royalty, K., Dybul, SL., Barnes, DA., Patel, PJ., Tutton, SM., Hieb, RA., Rilling, WS., Hohenwalter, EJ., Quantitative Analysis of Hepatic Arterial Flow Following Conventional and Drug Eluting Bead Chemoembolization, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/12/2012

Patel, PJ., White, SB., Tutton, SM., Hieb, RA., Robertson, ME., Rilling, WS., Hohenwalter, EJ., Safety and Efficacy of Transarterial Chemoembolization (TACE) in Patients with Transjugular Intrahepatic Portosystemic Shunts (TIPS), Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/12/2012

Tadeo, NE., Williams, JM., Molnar, JA., Patel, PJ., Hohenwalter, EJ., Hieb, RA., Rilling, WS., Tutton, SM., White, SB., Factors Contributing to Increased Infection Rates of Patients with Implanted Chest Ports, Scientific Poster presented at MCW Medical Student Research Day, Milwaukee, WI, 10/04/2012

Kung, E., White, SB., Patel, PJ., Hohenwalter, EJ., Hieb, RA., Tutton, SM., Rilling, WS., Safety and Efficacy of Cryoablation for the Treatment of Hepatocellular Carcinoma and Liver Metastases, Scientific Poster presented at MCW Medical Student Research Day, Milwaukee, WI, 10/04/2012

Elbich, JD., White, SB., Weil, EM., Patel, PJ., Hohenwalter, EJ., Hieb, RA., Tutton, SM., Hohenwalter, MD., Rilling, WS., Tumor Response Assessment: Automated Tumor Volume vs. Standard RECIST Criteria, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/18/2013

Criddle, JM., White, SB., Patel, PJ., Hohenwalter, EJ., Tutton, SM., Rilling, WS., Hieb, RA., Evaluation of Catheter Infection Rates in Patient After Conversion of Temporary to Tunneled Dialysis Catheters Versus de Novo Placement, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/18/2013

LaRoy, J., White, SB., Turaga, K., Hohenwalter, MD., Hieb, RA., Tutton, SM., Rilling, WS., Molnar, JA., Patel, PJ., Morbidity Analysis of Chest Port Insertion: Interventional Radiology vs. Surgical Implantation, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/18/2013

Lea, WB., Setser, R., Dybul, SL., White, SB., Patel, PJ., Hieb, RA., Tutton, SM., Rilling, WS., Hohenwalter, EJ., Contrast Enhancement Kinetics of Hepatic Arterial Vasculature after Drug Eluting Bead Trans-Arterial Chemoembolization, Scientific Poster presented at the 2015 MCW Cancer Center Scientific Retreat, Milwaukee, WI, 03/20/2015

Ranade, M., Dybul, SL., Back, M., White, SB., Patel, PJ., Hieb, RA., Tutton, SM., Rilling, WS., Hohenwalter, EJ., Utilization of the Electronic Medical Record for Evaluation of Morbidity and Mortality of IR Procedures, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 10/06/2015

Lea, W., Setser, R., Dybul, S., White, SB., Patel, PJ., Hieb, RA., Tutton, SM., Rilling, WS., Hohenwalter, EJ., Contrast Enhancement Kinetics of Hepatic Arterial Vasculature after Drug Eluting Bead Trans-Arterial Chemoembolization, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 10/06/2015

Fairchild, AH., Hohenwalter, EJ., White, SB., Sester, R., Weil, E., Lea, WB., Patel, PJ., Tutton, SM., Rilling, WS., Hieb, RA., Evaluation of 3D Overlay During Transjugular Intrahepatic Portosystemic Shunt (TIPS) Procedure, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/21/2016

Fairchild, AH., Hohenwalter, EJ., White, SB., Sester, R., Weil, E., Lea, WB., Patel, PJ., Tutton, SM., Rilling, WS., Hieb, RA., Evaluation of 3D Overlay During Transjugular Intrahepatic Portosystemic Shunt (TIPS) Procedure, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/21/2016

Bodell, B., Schafer, S., Back, M., Hohenwalter, EJ., Patel, PJ., White, SB., Rossi, P., Hieb, RA., A Prospective Study Evaluating a Novel Class of Software for Quantifying Successful Tissue Perfusion

- During Lower Extremity Endovascular Stent Placement, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/19/2019
- Khetarpal, A., White, SB., Hieb, RA., Hohenwarter, EJ., Lea, WB., Rilling, WS., Scheidt, MJ., Tutton, SM., Patel, PJ., Outcomes Following Endovascular Interventions for Bleeding Events in Head and Neck Cancer Patients, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/19/2019
- Koets, M., Fairchild, AH., Hieb, RA., Hohenwarter, EJ., Lea, WB., Tutton, SM., White, SB., Evaluation of Procedural Time and Radiation Exposure in Celiac Plexus Block Using iGuide Fluoroscopic Navigation Versus CT Guidance, Scientific Poster presented at MCW Research Day, Milwaukee, WI, 09/19/2019
- Redifer-Tremblay, K., Zhou, J., Hohenwarter, EJ., Patel, PJ., Key, BM., Rilling, WS., Scheidt, MJ., Hieb, RA., White, SB., Smolock, AR., Impact of ICU Management of Elevated Right Atrial Pressure Following TIPS, Scientific Poster Presented at MCW Research Week, Medical College of Wisconsin, 04/17/2023 - 04/21/2023
- Jones, M., Smolock, AR., Scheidt, MJ., Key, BM., Hohenwarter, EJ., Patel, PJ., Hieb, RA., White, SB., Comparison of Partial Distal Splenic Embolization with Glue versus Other Embolics, Scientific Poster Presented at MCW Research Week 2023, Medical College of Wisconsin, 04/17/2023 - 04/21/2023

Regional

- Hieb, RA., Pappas, SG., Hohenwarter, EJ., Tutton, SM., Patel, PJ., Rilling, WS., Radioembolization of Neuroendocrine Liver Metastases, American Association of Endocrine Surgeons 2009 Annual Meeting, Madison, WI, 05/03/2009 - 05/05/2009

National

- Kiely, JM., Toiuzios, JG., Hieb, RA., Franco, J., Saeian, K., Quebbeman, EJ., Pitt, HA., Rilling, WS., Selective Chemoembolization is Safe in High-Risk Patients with Hepatic Malignancies, 2004 Annual Meeting of the American HepatoPancreatoBiliary Association (AHPBA), Washington DC, 06/02/2004 - 06/06/2004
- Neisen, MJ., Rilling, WS., Hieb, RA., Hohenwarter, EJ., Tutton, SM., Y90 Radioembolization: Is Routine Prophylactic Embolization of Extrahepatic Vessels Necessary, Society of Interventional Radiology 32nd Annual Scientific Meeting, Seattle, WA, 03/01/2007 - 03/06/2007
- Neisen, MJ., Rilling, WS., Hieb, RA., Hohenwarter, EJ., Tutton, SM., Christians, KK., Quebbeman, EJ., Franco, J., Saeian, K., Results of Chemoembolization for Unresectable Hepatocellular Carcinoma in Patients with and without Chronic Liver Disease, World Conference on Interventional Oncology, Washington, DC, 03/14/2007 - 03/17/2007
- Hall, MJ., Hohenwarter, EJ., Rilling, WS., Hieb, RA., Tutton, SM., Combination Treatment of Hepatocellular Carcinoma Using TheraSphere and Trans-Arterial Chemoembolization, World Conference on Interventional Oncology Meeting, Washington, DC, 05/14/2007 - 05/17/2007
- Ross, JW., Rilling, WS., Davis, NB., Tutton, SM., Hieb, RA., Safety and Efficacy of Transarterial Chemoembolization (TACE) of Hepatic Metastases of Genitourinary Malignancies, Society of Interventional Radiology (SIR) 33rd Annual Scientific Meeting, Washington, DC, 03/15/2008 - 03/20/2008
- Hieb, RA., Utility of CT Fluoroscopy Guidance During Percutaneous Sacroplasty with Quality of Life Assessment, Society of Interventional Radiology 33rd Annual Scientific Meeting, Washington DC, 03/15/2008 - 03/20/2008
- Malamis, AP., Tutton, SM., Siebert, D., Hieb, RA., Hohenwarter, EJ., Rilling, WS., Aggressive Prophylactic Antibiotic Regimen in Biliary Compromised Patients Undergoing TACE or RFA, World Conference of Interventional Oncology, Los Angeles, CA, 06/22/2008 - 06/25/2008
- Fairchild, AH., Bhat, AP., Hieb, RA., Rilling, WS., Radioembolization of Non-Colorectal Liver Metastasis, GEST 2010 Global Embolization Symposium and Technologies, San Francisco, CA, 05/06/2010 - 05/09/2010
- Hohenwarter, EJ., Mulligan, M., Carrera, GF., Patel, PJ., Tutton, SM., Hieb, RA., Rilling, WS., Simulation 101: How to Build a Simulation Curriculum in an Interventional Radiology Fellowship Program, 2011 Society of Interventional Radiology 36th Annual Scientific Meeting, Chicago, IL, 03/26/2011 - 03/31/2011
- Hieb, RA., Endovascular Repair of Iatrogenic Arterial Injuries Resulting from Attempted Central Venous Catheterization, 2011 Society of Interventional Radiology 36th Annual Scientific Meeting, Chicago, IL, 03/26/2011 - 03/31/2011

- Grande WJ., Lerner B., Rossi PJ., Rilling WS., Hieb RA., Tutton SM., Hohenwarter EJ., Patel PJ., Endovascular Repair of Iatrogenic Arterial Injuries Resulting From Attempted Central Venous Catheterization, Society of Interventional Radiology Annual Scientific Meeting, Chicago, IL, 04/26/2011 - 04/30/2011
- Rilling, WS., Tutton, SM., Hieb, RA., Hohenwarter, EJ., Patel, PJ., Dybul, SL., Kowarschik, M., Royalty, K., Novel Quantitative Analysis of Tumor to Normal Liver Blood Flow Ratio: Implications for Radioembolization Dosimetry I, World Conference of Interventional Oncology, New York, NY, 06/09/2011 - 06/12/2011
- Patel, PJ., White, SB., Tutton, SM., Hieb, RA., Robertson, ME., Rilling, WS., Hohenwarter, EJ., Safety and Efficacy of Transarterial Chemoembolization (TACE) in Patients with Transjugular Intrahepatic Portosystemic Shunts (TIPS), 7th International Symposium on Regional Cancer Therapies, Captiva, FL, 02/18/2012 - 02/20/2012
- Patel, PJ., White, SB., Tutton, SM., Hieb, RA., Robertson, ME., Rilling, WS., Hohenwarter, EJ., Safety and Efficacy of Transarterial Chemoembolization (TACE) in Patients with Transjugular Intrahepatic Portosystemic Shunts (TIPS), Scientific Poster presented at the 7th International Symposium on Regional Cancer Therapies, Captiva, FL, 02/18/2012 - 02/20/2012
- Hartmann, BJ., Hohenwarter, EJ., Royalty, K., White, SB., Patel, PJ., Hieb, RA., Tutton, SM., Rilling, WS., Quantitative Analysis of Higher Order Hepatic Arterial Flow Following Conventional and Drug Eluting Bead Chemoembolization, Presented at the 7th International Symposium on Regional Cancer Therapies, Captiva, FL, 02/18/2012 - 02/20/2012
- Scheidt, MJ., White, SB., Hieb, RA., Hohenwarter, EJ., Patel, PJ., Rilling, WS., Tutton, SM., Cumulative Radiation Dose in Consecutive Dialysis Patients Presenting Over a 3-Month Period at a Single Institution, 2013 Society of Interventional Radiology Annual Scientific Meeting, San Francisco, CA, 03/24/2012 - 03/29/2012
- Criddle, JM., White, SB., Patel, PJ., Hohenwarter, EJ., Tutton, SM., Rilling, WS., Hieb, RA., Evaluation of Catheter Infection Rates in Patient After Conversion of Temporary to Tunneled Dialysis Catheters Versus de Novo Placement, Society of Interventional Radiology 2013 Annual Scientific Meeting, New Orleans, LA, 04/13/2012 - 04/18/2012
- Hartmann, BJ., White, SB., Royalty, K., Dybul, S., Barnes, D., Patel, PJ., Tutton, SM., Hieb, RA., Rilling, WS., Hohenwarter, EJ., Quantitative Analysis of Hepatic Arterial Flow Following Conventional and Drug Eluting Bead Chemoembolization, Scientific Poster presented at World Conference on Interventional Oncology Annual Scientific Meeting, New York, NY, 06/14/2012 - 06/17/2012
- Martin, GB., Mulligan, M., Patel, PJ., White, SB., Hieb, RA., Tutton, SM., Rilling, WS., Hohenwarter, EJ., Experience with Clinical Skills Based Simulation and a Process for Improvement, 2013 SIR Annual Scientific Meeting - IR Reaching Out, New Orleans, LA, 04/13/2013 - 04/18/2013
- Tadeo, NE., White, SB., Williams, JM., Molnar, JA., Hieb, RA., Tutton, SM., Rilling, WS., Hohenwarter, EJ., Patel, PJ., Factors Contributing to Increased Infection Rates in Patients with Implanted Chest Ports, 2013 SIR Annual Scientific Meeting - IR Reaching Out, New Orleans, LA, 04/13/2013 - 04/18/2013
- Elbich, JD., White, SB., Weil, EM., Patel, PJ., Hohenwarter, EJ., Hieb, RA., Tutton, SM., Hohenwarter, MD., Rilling, WS., Tumor Response Assessment: Automated Tumor Volume vs. Standard RECIST Criteria, Scientific Poster presented at World Conference on Interventional Oncology Annual Scientific Meeting, New York, NY, 05/16/2013 - 05/19/2013
- Shah SP., White SB., Patel PJ., Tutton SM., Hohenwarter EJ., Hieb RA., Rilling WS., Getting paid for the work you already do: how our division increased inpatient E&M billing by 580%, Society of Interventional Radiology 39th Annual Scientific Meeting, San Diego, CA, 03/22/2014 - 03/27/2014
- Paidisetty SK., White SB., Mulligan MH, Rich TM., Ritchie DJ., Kelly QS., Wang A., Hohenwarter EJ., Patel PJ., Hieb RA., Tutton SM., Rilling WS., Academic Development of Radiology Residents Using Interesting Interventional Radiology Cases, Society of Interventional Radiology 39th Annual Scientific Meeting, San Diego, CA, 03/22/2014 - 03/27/2014
- Shah, SP., White, SB., Patel, PJ., Tutton, SM., Hohenwarter, EJ., Hieb, RA., Rilling, WS., Getting Paid for the Work You Already Do: How our Division Increased Inpatient E & M Billing by 580%. J Vasc Interv Radiol 25(3):S138, 2014, Scientific Poster presented at Society of Interventional Radiology 39th Annual Scientific Meeting, San Diego, CA, 03/22/2014 - 03/27/2014
- Sundlass, KS., White, SB., Hohenwarter, EJ., Hieb, RA., Patel, PJ., Tutton, SM., Rilling, WS., Impact of Epic Data Extraction and Mining in Interventional Radiology. J Vasc Interv Radiol 25(3):S176, 2014, Scientific Poster presented at Society of Interventional Radiology 39th Annual Scientific Meeting, San Diego, CA, 03/22/2014 - 03/27/2014

- Wang, DT., Brown, KR., Hieb, RA., Lewis, BD., Rossi, PJ., Patel, PJ., Lee, CK., Aortic Remodeling After Thoracic Endovascular Aortic Repair for Blunt Traumatic Aortic Injury, Society of Interventional Radiology 40th Annual Scientific Meeting 2015, Atlanta, GA, 02/28/2015 - 03/05/2015
- Koets, M., Fairchild, AH., Hieb, RA., Hohenwarter, EJ., Lea, WB., Tutton, SM., White, SB., Evaluation of Procedural Time and Radiation Exposure in Celiac Plexus Block Using iGuide Fluoroscopic Navigation versus CT Guidance, Scientific Poster Presented at the Society of Interventional Oncology Annual Scientific Meeting, Boston, MA, 06/08/2019 - 06/11/2019
- Lawrence, L., Skummer, PT., Smolock, AR., Hieb, RA., Hohenwarter, EJ., Key, BM., Rilling, WS., Scheidt, MJ., White, SB., Patel, PJ., Patency of Iliocaval and Iliofemoral Venous Stenting, Scientific poster presented at Society of Interventional Radiology (SIR) Annual Scientific Meeting, Salt Lake City, UT, 03/23/2024 - 03/28/2024
- Perez, AW., Skummer, PT., White, SB., Scheidt, MJ., Patel, PJ., Hieb, RA., Hohenwarter, EJ., Cristescu, MM., Haddad, MM., Key, BM., Rilling, WS., Smolock, AR., Characterizing the Learning Curve of Adopting Intracardiac Echo Guidance in Creation of Transjugular Intrahepatic Portosystemic Shunts, Scientific poster presented at Society of Interventional Radiology (SIR) Annual Scientific Meeting, Salt Lake City, UT, 03/23/2024 - 03/28/2024

International

- Rilling, WS., Hellman, RS., Badr, A., Hieb, RA., Relationship of Pulmonary Shunt Fraction to Survival in Patients with Hepatocellular Carcinoma Being Considered for Y90 Radioembolization, International Liver Cancer Association Meeting, Barcelona, Spain, 10/05/2007 - 10/07/2007
- Hohenwarter, EJ., Hartmann, BJ., Hieb, RA., Patel, PJ., Tutton, SM., White, SB., Royalty, K., Rilling, WS., Quantitative Analysis of Higher Order Hepatic Arterial Flow Following Conventional and Drug Eluting Bead Chemoembolization, Scientific Poster presented at International Liver Cancer Association Annual Meeting, Berlin, Germany, 09/14/2012 - 09/16/2012
- Fairchild, AH., Hohenwarter, EJ., White, SB., Sester, R., Weil, E., Lea, WB., Patel, PJ., Tutton, SM., Rilling, WS., Hieb, RA., Evaluation of 3D Overlay During Transjugular Intrahepatic Portosystemic Shunt (TIPS) Procedure, Scientific poster presented at Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Annual Scientific meeting, Copenhagen, Denmark, 09/16/2017 - 09/20/2017
- Fairchild, AH., Hohenwarter, EJ., White, SB., Sester, R., Weil, E., Lea, WB., Patel, PJ., Tutton, SM., Rilling, WS., Hieb, RA., Evaluation of 3D overlay during transjugular intrahepatic portosystemic shunt (TIPS) procedure, Scientific poster presented at Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Annual Scientific meeting, Copenhagen, Denmark, 09/16/2017 - 09/20/2017
- Maguire, T., Key, BM., Hieb, RA., Advanced Imaging Techniques in the Treatment of Type II Endoleaks, Scientific Poster Presented at International Symposium on Endovascular Therapy (ISET) Annual Scientific Meeting, Hollywood, FL, 01/16/2022 - 01/19/2022

COMMITTEE SERVICE:

Medical College of Wisconsin

- 02/2006 - 06/2010 Chair, Heart and Vascular Service Line Strategic Planning Committee, Operations Design Team, Medical College of Wisconsin/Froedtert Memorial Lutheran Hospital
- 04/01/2012 - 06/30/2012 Faculty Member, Medical College of Wisconsin Affiliated Hospitals Internal Review Committee, Internal Medicine/Pediatrics Residency Program, Internal Medicine, Children's Hospital of Wisconsin
- 08/2013 - Present Heart & Vascular Service Line Operations Committee, Froedtert Hospital
- 01/2014 - Present Supply Evaluation and Acquisition Committee (SEAC) Physician Preference Item (PPI), Department of Radiology & Surgery, Froedtert & Medical College of Wisconsin
- 04/12/2023 - Present Clinician Champion in Healthcare, Healthcare Philanthropy, Medical College of Wisconsin

Hospital

- 02/2003 - 06/2013 Heart and Vascular Service Line Strategic Planning Committee, MCW/Froedtert Hospital
- 10/2007 - Present Quality Assurance Committee, Vascular Interventional Radiology, Radiology, MCW/Froedtert Hospital

05/2009 - 05/2013 Board Examiner, Mock Board Exam Committee, Vascular Interventional Radiology, Radiology, MCW/Froedtert Hospital
 06/2011 - 06/2014 Co-chair, Heart & Vascular Service Line Committee, Froedtert Hospital
 06/2011 - 07/2013 EPIC Phase II Planning Committee, Vascular Interventional Radiology, Radiology, MCW/Froedtert Hospital
 01/2012 - Present Hybrid OR Operators Committee, Vascular Interventional Radiology/Vascular Surgery, Radiology & Surgery, Medical College of Wisconsin/Froedtert Hospital
 01/2013 - 07/2016 Process Management Committee Work Group, Vascular Interventional Radiology, Radiology, Medical College of Wisconsin/Froedtert Hospital
 01/2013 - 06/2015 Center for Advanced Care (CFAC) OR/IR Prep & Recovery PACU, Vascular Interventional Radiology/Vascular Surgery, Radiology & Surgery, Medical College of Wisconsin/Froedtert Hospital
 01/2013 - 07/2016 Heart & Vascular Clinical User Group Committee, Department of Radiology & Surgery, Froedtert Hospital
 09/2013 - 06/2016 Heart & Vascular Service Line Operations and Service Work Group, Vascular Interventional Radiology/Vascular Surgery, Radiology & Surgery, Medical College of Wisconsin/Froedtert Hospital
 10/2013 - Present Physician Champion, Radiation Safety Committee, Radiology, Froedtert Hospital
 11/2013 - 06/2015 Palliative Care Advisory Committee, Cancer Center, Froedtert Hospital
 07/2015 - Present Chair, Technical Evaluation Team, Clement J. Zablocki Veterans Affairs Hospital
 10/01/2015 - Present Fluoroscopy Radiation Safety Committee, Froedtert Health Imaging Technology Management, Quality Assurance, Froedtert Hospital
 10/01/2016 - Present Co-Chair, Quality Assurance Performance Improvement (QAPI), Heart & Vascular Service Line, Froedtert Hospital

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

08/01/2002 - Present Clinical Advisor, M3 and M4 Medical Students
 11/16/2015 Angio Club: Interesting Case Presentation
 11/16/2015 Angio Club: Interesting Case Presentation

Resident and Fellow Education

09/2002 - Present Diagnosis and Intervention in Trauma
 09/2002 - Present Peripheral Vascular Disease
 09/2002 - Present Aortoiliac and Embolotherapy Interventions
 09/2002 - Present Renal Artery Stenosis
 09/2002 - Present SFA Interventions: Techniques, Devices and Results
 09/2002 - Present Management of Carotid Disease
 09/2002 - Present Transjugular Intrahepatic Portosystemic Shunt (TIPS) for Refractory Ascites and Variceal Bleeding
 09/2002 - Present Dialysis Graft Evaluation and Treatment
 04/13/2022 Abdominal Aortic Aneurysm (AAA) Endovascular Management and Treatment of Complications

Continuing Medical Education

08/06/2003 Peripheral Vascular Disease; An Introduction for Primary Care Physicians

EXTRAMURAL TEACHING:

Medical Student Education

10/2003 - 06/2008 Marquette University, New Techniques for Minimally Invasive Treatment of Peripheral Vascular Disease

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

Bradley J. Hartmann, Medical College of Wisconsin, 2002 - 2006 Advisor & Mentor
Kyle Blake, Medical College of Wisconsin, 2004 - 2008 Advisor & Mentor
Owen Sweis, Medical College of Wisconsin, 2005 - 2009 Advisor & Mentor
Medical College of Wisconsin, 2006 - Present M3 & M4 Medical Student Advisor
Drake Gashkoff, Medical College of Wisconsin, 2011 - 2013
Michael Kozuch, Medical College of Wisconsin, 2021 - Present

Clinical/Research Fellows

Joseph Hart MD, Medical College of Wisconsin, 2002 - 2004
Matthew Dicker MD, Medical College of Wisconsin, 2002 - 2003
Brian D. Lewis MD, Medical College of Wisconsin, 2002 - 2003
Peter J. Rossi MD, Medical College of Wisconsin, 2003 - 2005
Seng Ong MD, Medical College of Wisconsin, 2003 - 2004
D. Jamie Costa MD, Medical College of Wisconsin, 2004 - 2006
Florian Weilke MD, Medical College of Wisconsin, 2005 - 2006
Jose Viramontes MD, Medical College of Wisconsin, 2005 - 2007
Gregory Babcock MD, Medical College of Wisconsin, 2005 - 2006
Michael J. Hall MD, Medical College of Wisconsin, 2006 - 2007
Lan Thi Nguyen MD, Medical College of Wisconsin, 2006 - 2008
Melissa J. Neisen MD, Medical College of Wisconsin, 2006 - 2007
Jeffrey W. Ross MD, Medical College of Wisconsin, 2007 - 2008
Ben Lerner MD, Medical College of Wisconsin, 2007 - 2009
Angelo P. Malamis MD, Medical College of Wisconsin, 2007 - 2008
Ambarish P. Bhat MD, Medical College of Wisconsin, 2008 - 2010
Libby Watch MD, Medical College of Wisconsin, 2008 - 2010
Irina Shakhnovich MD, Medical College of Wisconsin, 2009 - 2011
Jason W. Pinchot MD, Medical College of Wisconsin, 2009 - 2010
Brad Carlson MD, Medical College of Wisconsin, 2009 - 2010
Erik W. Olson MD, Medical College of Wisconsin, 2010 - 2011
David M. Sella MD, Medical College of Wisconsin, 2010 - 2011
William J. Grande MD, Medical College of Wisconsin, 2010 - 2011
Nicholas Southard DO, Medical College of Wisconsin, 2010 - 2012
Matthew J. Scheidt MD, Medical College of Wisconsin, 2011 - 2012
Douglas R. Connors MD, Medical College of Wisconsin, 2011 - 2012
Mark A. Reddick MD, Medical College of Wisconsin, 2011 - 2012
Bradley J. Hartmann MD, Medical College of Wisconsin, 2011 - 2012
Aaron R. Braun MD, Medical College of Wisconsin, 2012 - 2013
Jeffrey D. Elbich MD, Medical College of Wisconsin, 2012 - 2013
Jennifer M. Williams DO, Medical College of Wisconsin, 2012 - 2013
Gregory B. Martin MD, Medical College of Wisconsin, 2012 - 2013
SreyRam Kuy MD, Medical College of Wisconsin, 2012 - 2013
Somnath Prabhu MD, Medical College of Wisconsin, 2013 - 2014
Karanjot Sundlass MD, Medical College of Wisconsin, 2013 - 2014
Colin M. Thompson MD, Medical College of Wisconsin, 2013 - 2014
Rishi Subbarayan MD, Medical College of Wisconsin, 2013 - 2014
Samir Shah MD, Medical College of Wisconsin, 2013 - 2014
Sanjay Paidisetty, Medical College of Wisconsin, 2014 - 2015
David Wang, Medical College of Wisconsin, 2014 - 2015
Kenneth Cicuto, Medical College of Wisconsin, 2014 - 2015
William Lea, Medical College of Wisconsin, 2014 - 2015
Quinton Kelly, Medical College of Wisconsin, 2014 - 2015
Paul Heideman, Medical College of Wisconsin, 2015 - 2016
Anthony Brown, Medical College of Wisconsin, 2015 - 2016
Joseph Zechlinski, Medical College of Wisconsin, 2015 - 2016
Alexandra Fairchild, Medical College of Wisconsin, 2015 - 2017
Blake Parsons, Medical College of Wisconsin, 2016 - 2017
Amanda Rigas, Medical College of Wisconsin, 2016 - 2017

Preston Smith, Medical College of Wisconsin, 2016 - 2017
Kristofer Schramm, Medical College of Wisconsin, 2016 - 2017
Mark Welnick, Medical College of Wisconsin, 2017 - 2018
Julien Wonderlick, Medical College of Wisconsin, 2017 - 2018
Amy Taylor, Medical College of Wisconsin, 2017 - 2018
Nijhu Bhowmik, Medical College of Wisconsin, 2017 - 2018
Akhil Khetarpal, MD, Medical College of Wisconsin, 2018 - 2019
Anthony Tadros, MD, Medical College of Wisconsin, 2018 - 2019
Tadeusz Ciszak, MD, Medical College of Wisconsin, 2018 - 2019
David Sarver, MD, Medical College of Wisconsin, 2018 - 2019
Naif Alsaikhan, MD, Medical College of Wisconsin, 2019 - 2020
Qiong Han, MD, Medical College of Wisconsin, 2019 - 2020
Brandon Key, MD, Medical College of Wisconsin, 2019 - 2020
Anatoly Loskutov, MD, Medical College of Wisconsin, 2019 - 2020
Monica Uceda Arriola, MD, Medical College of Wisconsin, 2019 - 2020

Residents

Melissa J. Neisen MD, Medical College of Wisconsin, 2002 - 2006
Jeffrey W. Ross MD, Medical College of Wisconsin, 2003 - 2008
Douglas R. Connors MD, Medical College of Wisconsin, 2007 - 2012
Bradley J. Hartmann MD, Medical College of Wisconsin, 2007 - 2012
Jeffrey D. Elbich MD, Medical College of Wisconsin, 2008 - 2013
Daniel Hammelman MD, Medical College of Wisconsin, 2008 - 2012
Kyle Blake MD, Medical College of Wisconsin, 2009 - 2013
Quinton S. Kelly MD, Medical College of Wisconsin, 2010 - 2011
Sanjay K. Paidisetty MD, Medical College of Wisconsin, 2010 - 2011
Kaila Redifer-Tremblay, MD, Medical College of Wisconsin, 2020 - 2022

Faculty

Eric J. Hohenwarter MD, Medical College of Wisconsin, 07/2004 - Present
Parag J. Patel MD, Medical College of Wisconsin, 08/2008 - Present
Sarah B. White MD, Medical College of Wisconsin, 07/2011 - Present
William Lea, MD, Medical College of Wisconsin, 01/01/2016 - 09/03/2019
Alexandra Fairchild, MD, Medical College of Wisconsin, 07/01/2017 - 04/30/2020
Matthew Scheidt, MD, Medical College of Wisconsin, 05/01/2018 - Present
Stephanie Vincent-Sheldon, MD, Medical College of Wisconsin, 08/01/2018 - Present
Joseph Hart, MD, Medical College of Wisconsin, 2019 - Present
Mustafa Haddad, MD, Medical College of Wisconsin, 03/01/2021 - Present
Amanda R. Smolock MD, Medical College of Wisconsin, 03/2021 - 07/2022
Brandon Key MD, Medical College of Wisconsin, 03/2021 - Present
Mircea Cristescu, MD, Medical College of Wisconsin, 05/23/2022 - Present
Kaila Redifer-Tremblay, MD, Medical College of Wisconsin, 08/01/2023 - Present
Mitchell Dyer, MD, Medical College of Wisconsin
Peter Rossi, MD, Medical College of Wisconsin
Nathan Kugler, MD, Medical College of Wisconsin
Christopher P. Johnson, MD, Medical College of Wisconsin

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

Marquette University, 2006 - 2018 Pre-medical Student Mentoring Program

Clinical Staff

Michelle Weithaus, Froedtert Hospital, 2004 - Present
Michael Schwab, Froedtert Hospital, 2005
Sonia Salazar, Froedtert Hospital, 2007

Amanda Breitzkreutz, Froedtert Hospital, 2009 - 2010
 Freddi Mertzig, Froedtert Hospital, 2011
 Michelle Back, Froedtert Hospital, 2011 - Present
 Andrew Stryker, Froedtert Hospital, 2011
 Amber Behm, Froedtert Hospital, 2011 - 2012
 Debra Barnes, Froedtert Hospital, 2011 - Present
 Jennifer Eklund, Froedtert Hospital, 2011 - Present
 Stephanie Dybul, Froedtert Hospital, 2011 - 2022
 Carol Anderson, Froedtert Hospital, 2012 - 2013
 Ken Blaauw, Froedtert Hospital, 2012 - 2013
 Katie Manowski, Froedtert Hospital, 2013 - Present
 Megan Proulx, Froedtert Hospital, 2014 - Present
 Elizabeth Rodriguez, Froedtert Hospital, 2015 - Present
 Emily Vande Slunt, Froedtert Hospital, 2015 - Present
 Katie Scheuerlein, Froedtert Hospital, 2015 - Present

PROGRAMMATIC DEVELOPMENTS:

Clinical Programs

08/2002 - 2010 Vascular Interventional Radiology Clinic Participated in the strategic planning and design of major clinical expansion
 08/2002 - 2010 Medical Student Dedicated VIR Clerkship
 02/2005 - Present Multidisciplinary Vascular Clinic
 02/2006 Fellowship Initiated Children Hospital of Wisconsin Pediatric Rotation for fellows
 02/2007 - Present Fellowship Developed Fellows Conference Didactic Lectures
 2014 Integrated palliative care into resident training
 Complex Aortic Intervention Program
 Vascular Emergency Response Team
 Limb Preservation Program

COMMUNITY SERVICE ACTIVITIES:

05/2005 - 05/2010 Greater Delafield Community Fund Delafield, WI
 04/2015 - 03/2019 Board member, Congregation Sinai

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Refereed Journal Publications/Original Papers

1. Ballard, JL., **Hieb, RA.**, Smith, DC., Bergan, JJ., Bunt, TH., Kileen, JD. Combined Renal Artery Stenosis and Aortic Aneurysm Treatment Options. *Ann Vas Surg.* 10(4):361-4 PMID: 8879391, 1996 Jul.
2. Wible, BC., **Hieb, RA.**, Halum, R., Rilling, WS. IVC Stent Deployment via Translumbal Approach. *J Vasc Interv Radiol.* 16(5):733-736 PMID: 15872329, 2005 May.
3. Kiely, JM., Rilling, WS., Touzios, JG., **Hieb, RA.**, Franco, J., Saeian, K., Quebbeman, EJ., Pitt, HA. Chemoembolization in patients at high risk: results and complications. *J Vasc Interv Radiol.* 17(1):47-53 PMID: 16415132, 2006 Jan.
4. Fang, W., **Hieb, RA.**, Carrera, GF., Olson, E. Asymptomatic Lumbar Vertebrae Erosion from IVC Filter Perforation. *Cardiovasc Intervent Radiol.* 30(3):494-6 PMID: 17278037, 2007 May-Jun.
5. Hasanadka, R., Brown, KR., Rilling, WS., Rossi, PJ., **Hieb, RA.**, Hohenwalter, EJ., Seabrook, GR., Lewis, BD., Towne, JB. The Extent of Lower Extremity Occlusive Disease Predicts Short and Long Term Patency Following Endovascular Infrainguinal Arterial Intervention. *Am J Surg* 196(5):629-33 PMID: 18789419, 2008 Nov.
6. **Hieb, RA.**, Neisen, MJ., Hohenwalter, EJ., Molnar, JA., Rilling, WS. Safety and Effectiveness of Repeat Arterial Closure Using the AngioSeal™ Device in Patients with Hepatic Malignancy. *J Vasc Interv*

- Radiol 19(12):1704-8 PMID: 18951046, 2008 Dec.
7. Garg, T., Guralnick, ML., Langenstroer, P., See, WA., **Hieb, RA.**, Rilling, WS., Sudakoff, GS., O'Connor, RC. Resonance® Metallic Ureteral Stents Do Not Successfully Treat Ureteroenteric Strictures in Patients with Ileal Conduits. *J Endourol.* 23(7):1199-201 PMID: 19530950, 2009 Jul.
 8. Patel, PJ., **Hieb, RA.**, Bhat, AP. Percutaneous Revascularization of Chronic Total Occlusions. *Tech Vasc Interventional Rad.* 13(1):23-36 PMID: 20123430, 2010 March.
 9. Wible, BC., Rilling, WS., Drescher, P., **Hieb, RA.**, Saeian, K., Frangakis, C., Chen, Y., Eastwood, D., Kim, HS. Longitudinal Quality of Life Assessment of Patients with Hepatocellular Carcinoma After Primary Transarterial Chemoembolization. *J Vasc Interv Radiol.* 21(7):1024-30 PMID 20621715, 2010 Jul.
 10. Patel, PJ., **Hieb, RA.**, Grande, WG. Endovascular Management of Acute Aortic Syndromes. *Semin in Intervent Radiol.* 28(1):10-23 PMID: 22379272, 2011 March.
 11. Siragusa, DA., Cardella, JF., **Hieb, RA.**, Kaufman, JA., Ki, HS., Kundu, S., Misra, S., Resnick, SA., Saad, WE., Vatakencherry, G., Wallace, MJ. Requirements for Training in Interventional Radiology. *J Vasc Inter Radiology.* 24(11):1609-12 PMID: 24160820, 2013 Nov.
 12. Patel PJ, **Hieb RA**, Kelly QS. Tumor Embolization Endovascular Interventions: A Case-Based Approach. 1 January 2014:905-927.
 13. White, SB., Dybul, SL., Patel, PJ., Hohenwarter, EJ., **Hieb, RA.**, Shah, SP., Rilling, WS., Tutton, SM. A Single-center Experience in Capturing Inpatient Evaluation and Management for an IR Practice. *J Vasc Interv Radiol.* 26(7):958-62 PMID: 25937297, 2015 Jul.
 14. Miura, JT., Rilling, WS., White, SB., **Hieb, RA.**, Tutton, SM., Patel, PJ., Gamblin, TC., Hohenwarter, EJ. Safety and Efficacy of Transarterial Chemoembolization in Patients with Transjugular Intrahepatic Portosystemic Shunts. *HPB (Oxford).* 17(8):707-12 PMID: 26172137, 2015 Aug.
 15. Patel, PJ., Kelly, Q., **Hieb, RA.**, Lee, CJ. Current Status of Percutaneous Endografting. *Semin Intervent Radiol.* 32(3):278-88 PMID: 26327747, 2015 Sep.
 16. Criddle, JM., **Hieb, RA.**, White, SB., Patel, PJ., Hohenwarter, EJ., Tutton, SM., Rilling, WS. Evaluation of Catheter Infection Rates in Converted Dialysis Catheters versus de novo Placement in the Setting of Chlorhexidine Use. *J Vasc Access.* 17(2):162-6 PMID: 26660045, 2016 Mar.
 17. Zechlinski, JJ., **Hieb, RA.** Lumbar Sympathetic Neurolysis: How to and When to Use? *Tech Vasc Interv Radiol.* 19(2):163-8 PMID: 27423998, 2016 Jun.
 18. Lee, C., Davila, D., Dua, A., Keyashian, B., Dux, J., Seabrook, G., Brown, K., Malinowski, M., **Hieb, R.**, Lewis, B. Disseminated Mycotic Aneurysms Following Intravesical Bacillus Calmette-Guérin Therapy for Bladder Cancer: Case Discussion and Systematic Treatment Algorithm. *Annals of Vasc Surg.* 39:284.e5-284.e10 PMID: 27531091, 2017 Feb.
 19. Truong, C., Kugler, NW., Rossi, PJ., Patel, PJ., **Hieb, RA.**, Brown, KR., Lewis, BD., Seabrook, G., Lee, CJ. Sex-dependent Outcomes Following Elective Endovascular Aortic Repair. *J Surg Res.* 229: 177-185 PMID 29936987, 2018 Sep.
 20. Thurston, JS., Camara, A., Alcasid, N., White, SB., Patel, PJ., Rossi, PJ., **Hieb, RA.**, Lee, CJ. Outcomes and Cost Comparison of Percutaneous Endovascular Aortic Repair versus Endovascular Aortic Repair with Open Femoral Exposure. *J Surg Res.* 240:124-129 PMID: 30928769, 2019 Mar.
 21. Kahn SR, Julian JA, Kearon C, Gu CS, Cohen DJ, Magnuson EA, Comerota AJ, Goldhaber SZ, Jaff MR, Razavi MK, Kindzelski AL, Schneider JR, Kim P, Chaer R, Sista AK, McLafferty RB, Kaufman JA, Wible BC, Blinder M, Vedantham S, Sichlau M, Vlahos A, Smith S, Thalheimer Q, Singh N, Harting R, Gocke J, Guth S, Shah N, Brady P, Schatz M, Horrow M, Markazi P, Forouzan L, Matalon TAS, Hertzog D, Goday S, Kennedy M, Kaplan R, Campbell T, Hartman J, Nahum E, Venkat A, Krishnamurthy V, Rectenwald J, Henke P, Eliason J, Willatt J, Escobar G, Samuels S, Katzen B, Benenati J, Powell A, Pena C, Wallach H, Gandhi R, Schneider J, Kim S, Hashemi F, Boyle J, Patel N, Verta M, Leung D, Garcia M, Blatt P, Khatri J, Epstein D, Ryan R, Sweeny T, Stillabower M, Kimbiris G, Raman T, Sierzenski P, Getto L, Dignazio M, Horvath M, Gornik HL, Bartholomew J, Shishehbor M, Peacock F, Joseph D, Kim SH, Mahlay NF, Clair D, Lyden S, Kapoor B, McLennon G, Pierce G, Newman J, Spain J, Gill A, Hamilton A, Rizzo A, Park W, Dietzek A, Galin I, Plummer D, Hsu R, Broderick P, Keller A. Quality of Life After Pharmacomechanical Catheter-directed Thrombolysis for Proximal Deep Venous Thrombosis. *Journal of Vascular Surgery: Venous and Lymphatic Disorders.* January 2020;8(1):8-23.e18.
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24. **Hieb RA.** Interview with Dr. Robert Hieb: Needle Guidance to Embolize Aortic Endoleak Vascular Disease Management. *March 2021;18(3):1-6.*
25. Loskutov A, Cooley M, Scheidt M, Mansukhani N, Hart J, **Hieb RA**, Rossi PJ, Patel PJ. Endovascular Management of Chronic Type B Aortic Dissection. *Tech Vasc Interv Radiol.* 2021 Jun;24(2):100752.
26. Fairchild AH, **Hieb RA.** Endovascular Repair of the Thoracic Aorta Diseases of the Aorta. 1 January 2019:323-340.
27. Rolon S., Wood JC., Gableman A., **Hieb RA.**, Rossi PJ., Mansukhani NA. Atypical Presentation of Subclavian Steal Syndrome with Left Sided Sensorineural Deafness. *J Vasc Surg Cases Innov Tech.* 2023 Dec;9(4):101308. PMID:PMC10684813

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2. **Hieb RA**, Patel PJ, editors. *Peripheral Vascular Disease. Seminars in Interventional Radiology.* New York: Thieme Medical Publisher, Inc; 2009. (4; vol. 26).
3. Patel, PJ., **Hieb, RA.**, Kelly, QS. Tumor Embolization. In: *Endovascular Interventions: A Case-Based Approach to Methods and Procedures.* Dieter RS, Dieter II RA, Dieter III RA. (Eds.) New York: Springer-Verlag; 2014.
4. Fairchild, AH., **Hieb, RA.** Arterial & Venous Access Strategies. In: *Interventional Radiology: Fundamentals of Clinical Practice.* Pua, B., Covey, A., Madoff, D. (Eds.) Oxford, UK: Oxford University Press; 2018:114-125.
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Abstracts

1. Rilling, WS., **Hieb, RA.**, Crain, MR., Towne, JB., Cambria, RA., Seabrook, GR., Drescher, P. Embolization of Type-II Endoleaks: Follow-up Imaging and Initial Results. Presented at the 28th Annual Society of Interventional Radiology Scientific Meeting, Salt Lake City, UT, March 27-April 1, 2003.
2. Kiely, JM., Touzios, JG., **Hieb, RA.**, Franco, J., Saeian, K., Quebbeman, EJ., Pitt, HA., Rilling, WS. Selective Chemoembolization is Safe in High-Risk Patients with Hepatic Malignancies. AHPBA Annual Meeting of the American Hepato Pancreato Biliary Association (AHPBA), Washington, DC, June 2-6, 2004.
3. Lewis, BD., Brown, KR., Seabrook, GR., Cambria, RA., Hart, JP., Rilling, WS., **Hieb, RA.**, Towne, JB. Long-Term Surveillance Identifies a Continued Necessity for Secondary Intervention Following Endovascular Aneurysm Repair. Vascular Annual Meeting of the Society for Vascular Surgery, Anaheim, CA, June 3-6, 2004.
4. **Hieb, RA.**, Olson, EW., Hohenwarter, EJ., Molnar, J., Rilling, WS. The Safety and Efficacy of Repeat Arterial Closure Using Angio-Seal in Hepatic Malignancy Patients. Society of Interventional Radiology, 30th Annual Scientific Meeting, New Orleans, LA, March 31-April 5, 2005.
5. Rilling, WS., Hohenwarter, EJ., Quinones, E., **Hieb, RA.**, Robertson, M. Safety and Efficacy of Transarterial Chemoembolization (TACE) in Patients with Transjugular Intrahepatic Portosystemic Shunts (TIPS). Society of Interventional Radiology, 30th Annual Scientific Meeting, New Orleans, LA, March 31-April 5, 2005.
6. Babcock, GA., Rilling, WS., Hohenwarter, EJ., **Hieb, RA.**, Tutton, SM. Transcatheter Coil Embolization as a Treatment Option for Splenic Artery Aneurysms. Society of Interventional Radiology, 31st Annual Scientific Meeting, Toronto, Ontario, Canada, March 29-April 4, 2006.
7. Weilke, FA., **Hieb, RA.**, Saeian, K., Franco, J., Robertson, M., Rilling, WS., Hohenwarter, EJ. Combination Treatment of Hepatocellular Carcinoma using TheraSphere Radioembolization and TACE, 31st Annual Scientific Meeting, Society of Interventional Radiology, Toronto, Canada, March 29-April 4, 2006.
8. Balasubramanian, VJ., Gienapp, T., **Hieb, RA.**, Goodman, LR., Presberg, KW., Haasler, GB. Lung Cancer Masquerading as Pulmonary Artery Thrombus: Diagnosis by Pulmonary Endoarterial Biopsy. *Chest* 2006 130(4) 312S, 2006 Oct.

9. Neisen, MJ., Rilling, WS., **Hieb, RA.**, Hohenwarter, EJ., Tutton, SM. Y90 Radioembolization: Is Routine Prophylactic Embolization of Extrahepatic Vessels Necessary? 32nd Annual Scientific Meeting, Society of Interventional Radiology, Seattle, WA, 2007 Mar.
10. Ross, JW., Rilling, WS., Sudakoff, GS., Davis, NB., **Hieb, RA.**, Hohenwarter, EJ. Safety and Efficacy of Transarterial Chemoembolization (TACE) of Hepatic Metastases of Genitourinary Malignancies. 33rd Annual Scientific Meeting, Society of Interventional Radiology, Washington DC, March 15-20, 2008.
11. Malamis, AP., Tutton, SM., Siebert, D., **Hieb, RA.**, Hohenwarter, EJ., Rilling, WS. Results of Prophylactic Antibiotic Regimen for Chemoembolization and Radio Frequency Ablation in Patients with Previous Biliary Intervention. 33rd Annual Scientific Meeting, Society of Interventional Radiology, Washington DC, March 15-20, 2008.
12. Tutton, SM., **Hieb, RA.** Utility of CT Fluoroscopy Guidance During Percutaneous Sacroplasty with Quality of Life Assessment. 33rd Annual Scientific Meeting, Society of Interventional Radiology, Washington DC, March 15-20, 2008
13. Ross, JW., Rilling, WS., Davis, N., Tutton, SM., **Hieb, RA.**, Hohenwarter, EJ. Transarterial Chemoembolization (TACE) of Hepatic Metastases of Genitourinary Malignancies Determining the Safety and Efficacy. World Conference on Interventional Oncology, Los Angeles, CA, June 22-25, 2008.
14. Soto, F., Presberg, K., **Hieb, RA.**, Siegel, R., Csuka, ME. Pulmonary Artery Catheterization Complicated by Pulmonary Artery Rupture in a Woman With Severe Pulmonary Arterial Hypertension: Can She Survive? *Chest* 2008. 134(4), 2008 Oct.
15. Pinchot, JW., Martz, MD., **Hieb, RA.**, Hohenwarter, EJ., Hellman, RS., Bancud, E., Rilling, WS. Quality Assurance and Safety of Y-90 Glass Microsphere (TheraSphere) Therapy: A Systematic, Site-Specific Approach. Society of Interventional Radiology 35th Annual Scientific Meeting, Tampa, FL, March 13-18, 2010.
16. Rilling, WS., Royalty, K., Hartmann, BJ., Deurerling-Zheng, Y., Hohenwarter, EJ., **Hieb, RA.**, Tutton, SM., Patel, PJ. Quantitative Analysis of Tumor to Normal Liver Blood Flow Ratio: Implications for Radioembolization Dosimetry and Comparison to Visual Estimation. Society of Interventional Radiology 35th Annual Scientific Meeting, Tampa, FL, March 13-18, 2010
17. Fairchild, A., **Hieb, RA.**, Hohenwarter, EJ., Rilling, WS. Radioembolization of Non-Colorectal Liver Metastases. World Conference on Interventional Oncology, San Francisco, CA, May 6-9 2010.
18. Fairchild, AH., Bhat, AP., **Hieb, RA.**, Rilling, WS. Radioembolization of Non-Colorectal Liver Metastasis, GEST 2010, Global Embolization Symposium and Technologies, San Francisco, CA, May 6-9, 2010.
19. Rilling, WS., Tutton, SM., **Hieb, RA.**, Hohenwarter, EJ., Patel, PJ., Dybul, SL., Kowarschik, M., Royalty, K. Novel Quantitative Analysis of Tumor to Normal Liver Blood Flow Ratio: Implications for Radioembolization Dosimetry. World Conference on Interventional Oncology, New York, NY, June 9-12, 2011.
20. Scheidt, MJ., White, SB., **Hieb, RA.**, Hohenwarter, EJ., Patel, PJ., Rilling, WS., Tutton, SM. Cumulative Radiation Dosage in Consecutive Dialysis Patients Presenting Over a 3 Month Period at a Single Institution. *J Vasc Interv Radiol.* 23(3):S41-S42, 2012 Mar.
21. Hohenwarter, EJ., Mulligan, MH., Patel, PJ., White, SB., **Hieb, RA.**, Tutton, SM., Rilling, WS. Optimizing Clinical Skill Training & Evaluation in IR Fellowship Through Simulation. Society of Interventional Radiology 2012 Annual Scientific Meeting, San Francisco, CA, March 24-29, 2012.
22. Hartmann, BH., Hohenwarter, EJ., Royalty, K., White, SB., Patel, PJ., **Hieb, RA.**, Tutton, SM., Rilling, WS. Quantitative Analysis of Higher Order Hepatic Arterial Flow Following Conventional and Drug Eluting Bead Chemoembolization. Society of Interventional Radiology 2012 Annual Scientific Meeting, San Francisco, CA, March 24-29, 2012.
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25. Tadeo, NE., White, SB., Williams, JM., Molnar, JA., **Hieb, RA.**, Tutton, SM., Rilling, WS., Hohenwarter, EJ., Patel, PJ. Factors Contributing to Increased Infection Rates in Patients with Implanted Chest Ports. *J Vasc Interv Radiol.* 24(4):S23-S24, 2013 Apr.
26. Martin, GB., Mulligan, M., Patel, PJ., White, SB., **Hieb, RA.**, Tutton, SM., Rilling, WS., Hohenwarter, EJ. Experience with Clinical Skills Based Simulation and a Process for Improvement. *J Vasc Interv*

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 28. LaRoy, JR., White, SB., Turaga, K., Molnar, JA., Hohenwarter, EJ., **Hieb, RA.**, Tutton, SM., Rilling, WS., Patel, PJ. Morbidity Analysis of Chest Port Insertion: Interventional Radiology vs Surgical Placement. J Vasc Interv Radiol. 25(3S):S100-1, 2014 Mar.
 29. Paidisetty, SK., White, SB., Mulligan, M., Rich, TM., Ritchie, DJ., Kelly, QS., Wang, A., Hohenwarter, EJ., Patel, PJ., **Hieb, RA.**, Tutton, SM., Rilling, WS. Academic Development of Radiology Residents Using Interesting Interventional Radiology Cases. J Vasc Interv Radiol. 25(3):S167-S168, 2014 Mar.
 30. Paidisetty, SK., Mulligan, MH., Rich, T., Patel, PJ., Hohenwarter, EJ., **Hieb, RA.**, Tutton, SM., Rilling, WS., White, SB. Evaluation of the Efficacy of an Interactive Interventional Radiology Case Based Electronic Tablet Application on the Academic Development of Radiology Residents. 2015 Society of Interventional Radiology Annual Scientific Meeting, Atlanta, GA, February 28 - March 5, 2015.
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 33. Zuo, M., Lee, C., Rossi, P., White, SB., **Hieb, RA.**, Patel, PJ. Comparative Therapeutic Effectiveness of Endovascular vs. Open Surgical Repair for Popliteal Artery Aneurysms. J Vasc Interv Radiol 28((2S): S173, 2017.
 34. Thurston, J., Camara, A., Dybul, S., White, SB., Patel, PJ., **Hieb, RA.**, Lee, C. Cost Comparison of Percutaneous Endovascular Aortic Repair (PEVAR) versus Endovascular Aortic Repair with Open Femoral Exposure. J Vasc Interv Radiol 28(2S): S169-S170, 2017 Feb.
 35. Smith, P., **Hieb, RA.**, Lee, C., Patel, PJ. Abstract No. 456 Arterial access site changes on CT angiography following open vs. percutaneous endovascular aortic repair. J Vasc Interv Radiol. 28 (2): S196, 2017 Feb.
 36. Camara, A., Rossi, P., Wohlaue, M., Brown, K., Lewis, B., **Hieb, RA.**, Patel, PJ., Lee, CJ. Persistent Type II Endoleaks Following Endovascular Aneurysm Repair: Graft Type Matters. Presented at the Society of Asian Academic Surgeons (SAAS) 2nd Annual Meeting, Birmingham, AL, September 21-22, 2017.
 37. Kugler, N., Alcasid, N., Taylor, A., Wohlaue, M., Rossi, PJ., Brown, KR., Lewis, BD., **Hieb, RA.**, Patel, PJ., Lee, CJ. Outcomes After Thoracic Endovascular Aortic Repair for Management of Complicated Acute Aortic Syndromes. J Vasc Surg. 68 (3): e53, 2018 Sept.
 38. Lee, C., Lee, SJ., Wohlaue, M., **Hieb, RA.**, Patel, PJ., White, SB., Rossi, PJ., Lewis, B., Brown, KR. Outcomes of Drug-Coated Balloons in Patients with Critical Limb Ischemia. J Vasc Surg. 68 (3): e57, 2018 Sept.
 39. Lee, C., Lee, SJ., Wohlaue, M., **Hieb, RA.**, Patel, PJ., White, SB., Rossi, PJ., Lewis, B., Brown, KR. Outcomes of Drug-Coated Balloons in Patients with Critical Limb Ischemia. J Vasc Surg. 68 (3): e57, 2018 Sept.
 40. Khetarpal, A., White, SB., **Hieb, RA.**, Hohenwarter, EJ., Lea, WB., Rilling, WS., Scheidt, MJ., Tutton, SM., Patel, PJ. Outcomes Following Endovascular Interventions for Bleeding Events in Head and Neck Cancer Patients. J Vasc Interv Radiol. 30(3):S73-74, 2019 Mar.
 41. Koets, M., Fairchild, AH., **Hieb, RA.**, Hohenwarter, EJ., Lea, WB., Tutton, SM., White, SB. Evaluation of Procedural Time and Radiation Exposure in Celiac Plexus Block Using iGuide Fluoroscopic Navigation Versus CT Guidance. J Vasc Interv Radiol. 30(3):S174, 2019 Mar.
 42. Rodriguez, E., Aguilar, J., Ste. Marie, J., Scheuerlein, K., Welch, K., Patel, PJ., Rilling, WS., Tutton, SM., **Hieb, RA.**, White, SB., Hohenwarter, EJ. Abstract No. 576 Standardizing After-visit Summary Instructions to Improve Patient Satisfaction Scores. J Vasc Interv Radiol. 30 (3): S249, 2019 Mar.
 43. Bodell, B., Schafer S., Back, M., Hohenwarter, EJ., Patel, PJ., White, SB., Rossi, P., **Hieb, RA.** Abstract No. 72 A Prospective Study Evaluating a Novel Class of Software for Quantifying Successful Tissue Perfusion During Lower Extremity Endovascular Stent Placement. J Vasc Interv Radiol. 30 (3): S34-S35, 2019 Mar.
 44. Ciszak, T., Rossi, P., **Hieb, RA.**, Malinowski, M., Patel, PJ. Abstract No. 444 TransCarotid Artery

- Revascularization (TCAR): A Single-Center One Year Experience. *J Vasc Interv Radiol.* 30 (3): S194, 2019 Mar.
45. Key, BM., Patel, PJ., White, SB., Rossi, P., **Hieb, RA.**, Scheidt, MJ., Tutton, SM., Rilling, WS. Safety and Efficacy of Angio-Seal for Hemostasis After PTFE Graft Access. *J Vasc Interv Radiol.* 31(3):S85, 2020 Mar.
46. Olowofela, AS., Mansukhani, NA., **Hieb, RA.**, Rothstein, A., Malinowski, MJ., Lewis, BD., Brown, KR., Rossi, PJ. Long-term Survival Outcomes After Endovascular and Open Repair of Ruptured Aortic Aneurysms: An Institutional 10-Year Experience. *J Vasc Surg.* 72 (3): e299, 2020 Sept.

Non-Peer Reviewed Educational Products

1. 09/2009 Patient Crisis Simulation Training for Diagnostic Radiology Residency - Simulator Training at STAR Center - Medical College of Wisconsin
2. 3/2010 - Breaking Bad News to Patients - Simulator Training at STAR Center - Medical College of Wisconsin
3. 5/2011 - Vascular Patient Assessment - Simulator Training at STAR Center - Medical College of Wisconsin
4. 5/2011 - Oncology Patient Assessment - Simulator Training at STAR Center - Medical College of Wisconsin

Database, Video, or Other Research/Clinical Contributions

1. Video: Community Education video segment on Uterine Artery Embolization for symptomatic uterine fibroids for a segment on American Health Journal Television, 2006.
2. Syllabus: Syllabus for “Basic Series: Angiography, Biopsy and Drainage: The ABD’s of Interventional Radiology” Workshop at Society of Interventional Radiology Annual Meeting, 2006, 2007, revised 2008
3. Webcast Coordinator: **Hieb, RA.**, Facchini, FR., Hall, MJ., Neisen, MJ. So You’re Getting Called Up to the Big Leagues: Fellows and Recent Grads. Society of Interventional Radiology Clinical Practice Webinar Series. November 20, 2008.
4. Hospital Reference Syllabus: Gill, KG., **Hieb, RA.** Interventional Radiology On-Call Reference Guide – A Guide to Procedures and Protocols for Interventional Radiology Patient Situations that Arise During On-call Hours. July 20, 2009.

Software, Software Modules

1. Paidisetty SK., White, SB., Mulligan, M., Rich, TM., Ritchie, DJ., Kelly, QS., Wang, A., Hohenwalter, EJ., Patel, PJ., **Hieb, RA.**, Tutton, SM., Rilling, WS.: Apple iBook for resident curriculum. Interactive case based learning application designed for residents with embedded self-assessment tools and links to current literature/resources to enhance learning. 2013.