Midwestern Vascular Surgical Society’s

Advanced Practice Course for
Vascular Surgeons

Advanced Venous Interventions

Fairbanks Hall
Indiana University School of Medicine
Indianapolis, IN

April 19-20, 2019
ADVANCED PRACTICE COURSE PROGRAM COMMITTEE

PATRICK E. MUCK, MD, RVT, Course Co-Director
Chief of Vascular Surgery
Program Director Vascular Fellowship & Integrated Residency Good Samaritan Hospital, Cincinnati, OH

ROSS MILNER, MD, Course-Co-Director
Professor of Surgery, Section of Vascular Surgery and Endovascular Therapy, Co-Director, Center for Aortic Diseases
Associate Program Director, Vascular Surgery Fellowship
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Division Chief of Vascular Surgery
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Indiana University School of Medicine, Indianapolis, IN

JEFFREY JIM, MD, MPH
Associate Professor, Section of Vascular Surgery
Program Director, Vascular Surgery Fellowship/Residency
Washington University School of Medicine, St. Louis, MO

JOHN G. MAIJUB, MD (Ad-hoc Member)
Vascular Surgery
Indiana University School of Medicine, Indianapolis, IN

FACULTY

MOUNIR J. HAURANI, MD
Associate Professor of Surgery
Division of Vascular Diseases and Surgery
The Ohio State University Wexner Medical Center, Columbus, OH

GREGORY KASPER, MD
Vascular Surgeon, President and Chief Medical Officer
JOBST Vascular Institute, Toledo, Ohio

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Director of the Henry Ford Vein Centers
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Professor of Surgery, Division of Vascular Surgery
Oregon Health & Science University, Portland, OR

DAVID A. RIGBERG, MD
Professor of Surgery, Division of Vascular Surgery
UCLA/David Geffen School of Medicine, Los Angeles, CA

PETER J. ROSSI, MD
Associate Professor of Surgery
Medical College of Wisconsin, Milwaukee, WI

This course has been designed for practicing vascular surgeons to fine tune their approach to venous disease. This course offers didactics coupled with small group workshops on both superficial and deep venous topics; and will teach a tailor-made approach to managing venous disease in terms of patient selection, approach, device selection, managing complications and radiation protection. This is a unique and intimate course which offers lectures by expert faculty and workshops allowing for hands-on learning.

Objectives
At the end of the Course, participants will be able to:
- Apply a comprehensive open and endovascular approach to venous disease.
- Describe strategies for evaluating superficial and deep venous disease.
- Identify how to incorporate an algorithmic approach for managing venous disease.
- Identify an appropriate patient selection, device selection to match the venous pathology;
- Assess the cost associated with new technologies and how to provide cost-effective patient care.

Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by Indiana University School of Medicine and the Midwestern Vascular Surgical Society. Indiana University School of Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians
Indiana University School of Medicine designates this live activity for a maximum of 8.25 AMA PRA Category 1 Credits™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

There are no relevant financial relationships with a commercial interest for anyone who was in control of the content of this activity, except: Jeffrey Jim, MD disclosed he has received honoraria from Medtronic Inc. and consulting fee from Silk Road Medical. Ross Milner, MD disclosed that he has received consulting fees from WL Gore & Associates and Medtronic Inc. Raghu Motaganahalli, MD disclosed that he has received consulting fee from Silk Road Medical. Patrick Muck, MD has disclosed that he has been a paid speaker for Penumbra. All conflicts have been resolved.

Commercial Support
This activity is supported by educational grants and in-kind donations from Abbott Vascular, Baylis Medical, BD (BARD Peripheral Vascular), Boston Scientific, BTG International Inc., Cook Medical, Inari Medical, Medtronic Inc., Penumbra and Philips.

The activity evaluation will be sent electronically via email. Credit will be awarded within 30-60 days following the activity. Instructions will be emailed with how to obtain proof of your participation in an IUSM activity. For questions and concerns, please contact IU School of Medicine, Division of Continuing Medical Education at cme@iu.edu.
The Midwestern Vascular Surgical Society wishes to recognize and thank the following companies for their ongoing support of the Society and the 2019 Advanced Practice Course on Venous Interventions through an Educational Grant and Educational Product support for the Educational Workshops:

Boston Scientific Corporation
BTG International, Inc. (EKOS)
Cook Medical, Inc.
Penumbra, Inc.

The Midwestern Vascular Surgical Society wishes to recognize and thank the following companies for their Educational Product support for the Educational Workshops:

Abbott Vascular
Baylis Medical
BD (BARD Peripheral Vascular)
Inari Medical
Medtronic, Inc.

The Midwestern Vascular Surgical Society wishes to recognize and thank the following companies for their Marketing and Educational Product support for the Educational Workshops:

Philips
(Image Guided Therapy Devices)
PROGRAM

FRIDAY, APRIL 19, 2019

2:00 PM  Welcome & Course Introduction
ROSS MILNER, MD, Course Co-Director

2:20 PM  INITIAL EVALUATION, WORKUP AND COMPRESSION THERAPY FOR VENOUS PATIENTS
How to utilize Duplex, IVUS and compression therapies for venous pathologies.
ROBERT B. MCLAFFERTY, MD
Chief of Surgery, Veterans Affairs Portland Health Care System
Professor of Surgery
Oregon Health & Science University Portland, OR

2:40 PM  SUPERFICIAL VENOUS INTERVENTIONS – THERMAL AND TUMESCENT OPTIONS
When to choose thermal options in treating superficial venous disease.
MOUNIR J. HAURANI, MD
Associate Professor of Surgery
Ohio State University Wexner Medical Center
Division of Vascular Diseases and Surgery Columbus, OH

3:00 PM  SUPERFICIAL VENOUS INTERVENTIONS – NONTHERMAL AND NONTUMESCENT OPTIONS
When to choose non-thermal options in treating superficial venous disease.
DAVID A. RIGBERG, MD
Professor of Surgery
Division of Vascular Surgery
UCLA/David Geffen School of Medicine
Los Angeles, CA

3:30 PM - 5:00 PM  HANDS-ON WORKSHOPS - 4 STATIONS
Room 1 - IVUS & Venography
Room 2 - Thermal Tumescent Ablation Options
Room 3 - Non-Thermal Non-Tumescent Ablation Options
Room 4 - Thrombolysis & Ultrasound Assisted Thrombolysis Therapies

5:00 PM  CATHETER DIRECTED THROMBOLYSIS AND RHEOYLITIC THROMBECTMY FOR ACUTE DVT
How to do Rheolytic thrombectomy for acute and chronic DVT patients.
JUDITH C. LIN, MD, RVT, RPVI
Associate Professor of Surgery
Director of the Henry Ford Vein Centers
Vascular Surgery
Henry Ford Health System
Detroit, MI

5:20 PM  DEEP VENOUS INTERVENTIONS – VENOUS STENTING
A discussion around which patients benefit from stenting including how to size venous stents and which new ones are on the horizon.
PETER J. ROSSI, MD
Associate Professor of Surgery
Medical College of Wisconsin
Milwaukee, WI

5:40 PM  VASCULAR MEDICINE IN A VASCULAR SURGERY PRACTICE?
How working with vascular medicine can improve your practice.
GREGORY KASPER, MD
Vascular Surgeon, President and Chief Medical Officer
Jobst Vascular Institute
Toledo, Ohio

6:00 PM  ADJOURN

7:00 PM  DINNER FOR ALL ATTENDEES
Hyde Park Steak House
51 N. Illinois St. (317) 536-0270
SATURDAY, APRIL 20, 2019

8:00 AM
ULTRASOUND ASSISTED THERAPIES OF DVT AND PE
Discuss the results and techniques for USAT for DVT and PE.

ROBERT B. MCLAFFERTY, MD
Chief of Surgery, Veterans Affairs Portland Health Care System
Professor of Surgery
Oregon Health & Science University
Portland, OR

8:20 AM
OPEN VENOUS SURGERY – THE ROLE IN 2018
Discuss the various venous surgical options including phlebectomy in 2018.

GREGORY KASPER, MD
Vascular Surgeon, President and Chief Medical Officer
Jobst Vascular Institute
Toledo, Ohio

8:40 AM
IVC FILTER PLACEMENT AND DIFFICULT IVC FILTER RETRIEVALS
Discuss which patients benefit from IVC filters and tools available for IVF filter removal.

DAVID A. RIGBERG, MD
Professor of Surgery
Division of Vascular Surgery
UCLA/David Geffen School of Medicine
Los Angeles, CA

9:00 AM - 10:30 AM
HANDS-ON WORKSHOPS - 4 STATIONS
Room 1 - Venous Stenting Options in 2019
Room 2 - IVC Filter Options & Retrieval Techniques
Room 3 - Proprietary Endovenous Microfoam Therapy & DOACs
Room 4 - Clot Extraction with Mechanical Thrombectomy Options

10:30 AM
WHAT ARE THE AVAILABLE DOACS
A review of the currently FDA approved DOACs and reversal agents

MOUNIR J. HAURANI, MD
Associate Professor of Surgery
Ohio State University Wexner Medical Center
Division of Vascular Diseases and Surgery
Columbus, OH

10:50 AM
PROPRIETARY FOAM THERAPY INCLUDING SCLEROTHERAPY AND PERFORATOR THERAPIES
Discuss the available FOAM therapies in an office-based setting.

JUDITH C. LIN, MD, RVT, RPVI
Associate Professor of Surgery
Director of the Henry Ford Vein Centers
Vascular Surgery
Henry Ford Health System
Detroit, MI

11:00 AM
NEW MECHANICAL THROMBECTOMY OPTIONS FOR OUR DVT AND PE PATIENTS
How to minimize thrombolytics with new mechanical thrombectomy devices.

PETER J. ROSSI, MD
Associate Professor of Surgery
Medical College of Wisconsin
Milwaukee, WI

11:30 AM
TECHNIQUES FOR PULMONARY EMBOLUS MANAGEMENT

PATRICK E. MUCK MD, RVT, Course Co-Director
Chief of Vascular Surgery
Program Director Vascular Fellowship & Integrated Residency
Good Samaritan Hospital
Cincinnati, OH

11:45 AM
FACULTY PANEL DISCUSSION WITH LUNCH

12:30 PM
COURSE WRAP-UP