



**Midwestern Vascular Surgical Society**  
**ADVANCED PRACTICE COURSE *for* VASCULAR SURGEONS**  
**"ADVANCED VENOUS INTERVENTIONS"**  
**April 19 & 20, 2019**  
**Indianapolis, IN**

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.

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;
- Asses 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 claim only the credit commensurate with the extent of their participation in the activity.

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## **ADVANCED PRACTICE COURSE PROGRAM COMMITTEE**

### **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  
The University of Chicago Medicine  
Chicago, IL

### **PATRICK E. MUCK MD, RVT, *Course Co-Director***

Chief of Vascular Surgery  
Program Director Vascular Fellowship & Integrated Residency  
Good Samaritan Hospital  
Cincinnati, OH

### **RAGHU L. MOTAGANAHALLI, MD RPVI**

Division Chief of Vascular Surgery  
Associate Professor & Program Director  
Indiana University School of Medicine  
Indianapolis, IN

### **JEFFREY JIM, MD, MPHS**

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 Health/Indiana University School of Medicine  
Indianapolis, IN

## **FACULTY**

### **MOUNIR J. HAURANI, MD**

Associate Professor of Surgery  
The Ohio State University Wexner Medical Center  
Division of Vascular Diseases and Surgery  
Columbus, OH

### **GREGORY KASPER, MD**

Vascular Surgeon, President and  
Chief Medical Officer  
ProMedica Physicians Jobst Vascular  
Toledo, Ohio

### **JUDITH C. LIN, MD, RVT, RPVI**

Medical Director of the Clinical Vascular Laboratory  
Director of the Henry Ford Vein Centers  
Vascular Surgery  
Henry Ford Health System  
Detroit, MI

**ROBERT B. MCLAFFERTY, MD**

Chief of Surgery, Veterans Affairs Portland Health Care System  
Professor of 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

**PRELIMINARY SCHEDULE**

The Advanced Venous Interventions Course will be held at Fairbanks Hall at Indiana University School of Medicine.

**FRIDAY, APRIL 19, 2019**

2:00 p.m.	Welcome and Course Introduction
2:20 p.m. - 3:20 p.m.	Lectures
<b>3:30 p.m. - 5:00 p.m.</b>	<b>Hands-On Workshops - 4 Stations</b>
	(IVUS & Venography, Thermal Tumescant Ablation Options, Non-Thermal Non-Tumescant Ablation Options, Thrombolysis & Ultrasound Assisted Thrombolysis Therapies)
5:00 p.m. - 6:00 p.m.	Lectures
7:00 p.m.	Dinner for all Faculty and Attendees

**SATURDAY, APRIL 20, 2019**

8:00 a.m. - 9:00 a.m.	Lectures
<b>9:00 a.m. - 10:30 a.m.</b>	<b>Hands-On Workshops - 4 Stations</b>
	(Venous Stenting Options, IVC Filter Options & Retrieval Techniques, Proprietary Endovenous Microfoam Therapy, DOACs, Mechanical Thrombectomy Options)
10:30 a.m.-11:45 a.m.	Lectures
11:45 a.m.	Faculty Panel Discussion – All Topics with Lunch
12:30 p.m.	Course Wrap-up

## PRELIMINARY PROGRAM

**FRIDAY, APRIL 19, 2019**

**2:00 PM**

### **WELCOME & COURSE INTRODUCTION**

**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  
The University of Chicago Medicine  
Chicago, IL

**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  
The 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

**3:30-5:00 PM                      HANDS-ON WORKSHOPS - 4 STATIONS**

**Room 1 IVUS & Venography**

**Room 2 Thermal Tumescant Ablation Options**

**Room 3 Non-Thermal Non-Tumescant Ablation Options**

**Room 4 Thrombolysis & Ultrasound Assisted Thrombolysis Therapies**

**5:00 PM                              CATHETER DIRECTED THROMBOLYSIS AND RHEOLYTIC THROMBECTOMY FOR ACUTE DVT**

How to do Rheolytic thrombectomy for acute and chronic DVT patients.

**JUDITH C. LIN, MD, RVT, RPVI**

Medical Director of the Clinical Vascular Laboratory

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

ProMedica Physicians Jobst Vascular

Toledo, Ohio

**6:00 PM                              ADJOURN**

**7:00 PM                              DINNER**

*(Faculty, industry partners and all attendees)*

**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  
ProMedica Physicians Jobst Vascular  
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

**9:00-10:30 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  
The 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**

Medical Director of the Clinical Vascular Laboratory  
Director of the Henry Ford Vein Centers  
Vascular Surgery  
Henry Ford Health System  
Detroit, MI

**11:10 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**

Chief of Vascular Surgery  
Program Director Vascular Fellowship & Integrated Residency  
Good Samaritan Hospital  
Cincinnati, OH

**11:45 AM                      FACULTY PANEL DISCUSSION – ALL TOPICS W/ LUNCH**

**12:30 PM                      COURSE WRAP-UP**

**PATRICK E. MUCK MD, RVT, *Course Co-Director***

Chief of Vascular Surgery  
Program Director Vascular Fellowship & Integrated Residency  
Good Samaritan Hospital  
Cincinnati, OH