

General Information

SYMPOSIUM DATES

Thursday, March 1, through Saturday, March 3, 2007. (This includes one optional pre-symposium workshop Wednesday, February 28, and three optional Principles of Diagnostic Ultrasound Sessions.)

LOCATION

All sessions will be held at the Hyatt Regency Hotel, One Union Station, St. Louis, MO, 63103; telephone: 314-231-1234.

SYMPOSIUM DESCRIPTION

A national gathering, this symposium features prominent technologists and physicians who address new and controversial issues in noninvasive testing. An extended basic science course will provide preparation for RVT certification as well as a refresher for laboratory educators. Additional time has been incorporated to permit interaction between those attending the conference and faculty, through focused panel discussions. The heart of the symposium is the workshops, allowing multiple opportunities to observe, through actual performance of noninvasive studies on patients with vascular pathology.

The exhibit hall includes displays and representatives of manufacturers featuring advances in noninvasive technology.

OPTIONAL WEDNESDAY EVENING PRE-SYMPOSIUM SESSION

"ICAVL: Getting Started Workshop" will be offered Wednesday evening, February 28. This session is designed to provide a comprehensive overview of the most current ICAVL Essentials and Standards and to provide suggestions for preparing and completing the accreditation application.

OPTIONAL EARLY MORNING SESSIONS

"Principles of Diagnostic Ultrasound" is designed especially for physicians and technologists preparing to take the RVT exam. These sessions are 7 – 8 a.m. March 1, 2, and 3.

ACCREDITATION

St. John's Mercy Medical Center is accredited by the Missouri State Medical Association to provide continuing medical education for physicians. St. John's Mercy Medical Center designates this educational activity for a maximum of 23.25 AMA PRA Category I Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This program has been approved for contact hours by the Missouri Nurses Association which is accredited as an approver of continuing education in nursing by the American Nurses Credentialing Center's Commission on Accreditation.

Certificates of attendance will be given at the completion of the symposium.

DISCLOSURE POLICY

It is the policy of St. John's Mercy Medical Center Continuing Medical Education to ensure balance, independence, objectivity and scientific rigor in all its educational programs.

Support of this conference by any benefactors does not imply endorsement of their products by the American Nurses Credentialing Center, the Missouri Nurses Association or St. John's Mercy Medical Center.

TARGET AUDIENCE

Physicians, nurses, vascular technologists and other health care professionals involved in the care of vascular and neurologic patients will find this symposium of educational value.

REGISTRATION FEES

The registration fee for the NONINVASIVE DIAGNOSIS OF VASCULAR DISEASE SYMPOSIUM includes attendance at all sessions, symposium and workshop syllabus, certificate of attendance, three continental breakfasts, refreshment breaks, two lunches, and evening reception.

The advance registration fees (postmarked prior to January 10, 2007):

Physician	\$600
Vascular Lab RN/RVT/Other	\$495
Resident/Fellow	\$375

Please see registration form for fees after January 10, 2007.

THE REGISTRATION DEADLINE IS FEBRUARY 12, 2007.

REGISTRATION CONFIRMATION

Upon receipt of your registration form and fee, you will receive a confirmation letter. If you do not receive your conference registration confirmation letter by February 18, please check with your institution. If questions remain, contact us at 314-251-4961.

LIMITED REGISTRATION

The advance registration deadline is **January 10, 2007**. There is a late fee for registrations after January 10. **EARLY REGISTRATION IS RECOMMENDED.**

CANCELLATION OF REGISTRATION

Written notice of cancellation must be received prior to February 20, 2007, to receive a refund (less a \$50 administrative charge). No refunds can be made after February 20, 2007.

HOTEL RESERVATIONS

The Hyatt Regency Hotel at Union Station has reserved a block of rooms for conference participants, but **reservations must be made by February 8, 2007**, to assure availability and the special convention rate. To make hotel reservations, call Hyatt Regency at 1-800-233-1234. Advise them you are attending this symposium. Room rates are \$159 single or double occupancy.

You can also make hotel reservations by internet at:

<http://stlouis.hyatt.com/groupbooking/stloustm2007>

TRAVEL ARRANGEMENTS

Aero Travel is the official travel service for this symposium. Special arrangements have been made with American Airlines for discounted rates of 5 percent depending on your departing city. This reduced airfare can be obtained only by calling 1-800-535-1445 (Andy, extension 215, or Rachel, extension 212). Identify yourself as a symposium participant.

If you do not live in an area serviced by American Airlines, call Aero Travel (1-800-535-1445) and speak with Andy, extension 215, or Rachel, extension 212, to check available fares of other carriers.

FOR ADDITIONAL INFORMATION

Contact Judith O. Brandes, Corporate Meeting/Special Events Planner, at 314-251-4960 or Elizabeth Kauffmann, Special Events Assistant, at 314-251-4961.

Program Objectives

Upon completion of this symposium, attendees will be better able to:

ICAVL: GETTING STARTED WORKSHOP

- Discuss the ICAVL history and mission
- Discuss the importance of accreditation including payment policy requirements
- Navigate the electronic application process for accreditation

PRINCIPLES OF DIAGNOSTIC ULTRASOUND

- Discuss the principles of noninvasive testing regarding the physics of ultrasound, use of transducers, and obtaining optimal imaging
- Discuss the Doppler effect
- Discuss spectral analysis, the role of color flow and power Doppler

CEREBROVASCULAR SESSION

- Identify the appropriate imaging requirements before carotid interventions
- Identify changing diagnostic criteria for use in patients with stents
- Identify characteristics of carotid plaques that increase the likelihood of embolic symptoms
- Discuss new techniques for characterizing carotid plaque morphology

ABDOMINAL AORTIC AND VISCERAL ARTERY IMAGING SESSION

- Utilize ultrasound and duplex imaging for assessment of abdominal aortic aneurysms and aortic endografts including the use of contrast agents
- Utilize duplex ultrasound criteria for following mesenteric artery bypass grafts
- Describe the relative merits of multiple imaging modalities in the evaluation of visceral artery occlusive disease

PERIPHERAL ARTERIAL SESSION

- Describe the importance of physiologic testing in peripheral arterial disease
- Become familiar with duplex ultrasound-guided lower extremity arterial interventions
- Describe appropriate noninvasive follow-up of vascular interventional procedures

VENOUS AND DIALYSIS-ACCESS IMAGING SESSION

- Understand the essentials of venous hemodynamics which result in vascular symptoms
- Describe the natural history of acute deep venous thrombosis
- Describe optimal preoperative imaging for hemodialysis access

NEW AND EVOLVING CONCEPTS SESSION

- Understand the importance of brachial artery reactivity as a precursor to vascular disease
- Utilize contrast agents to improve results of carotid duplex imaging
- Understand the impact of cardiovascular pathologies on peripheral vascular hemodynamics
- Understand the applications of vascular 3-D imaging

CREDENTIALING AND GOVERNMENT RELATIONS

- Understand current government reimbursement policies and recent changes in vascular laboratory accreditation
- Understand benefits and challenges of incorporation of digital image archiving in the vascular laboratory
- Describe ways to minimize risk of occupational injury in duplex imaging
- Understand the importance of the ARDMS physicians credentialing examination.

WORKSHOP OBJECTIVES

Upon completion of this symposium depending on workshops attended, attendees will be better able to:

THURSDAY MORNING WORKSHOPS

- Describe the anatomy of upper and lower extremity superficial veins
- Describe normal and abnormal Doppler signals in the internal carotid artery
- Recall the positional maneuvers used in testing for thoracic outlet syndrome
- List the various types of stents available for use in the carotid artery
- Define the criteria used in mapping the aorta and iliac arteries pre- and post-intervention
- Identify Doppler signals found in the renal transplant
- Ascertain common causes of error in performing and interpreting venous and carotid duplex studies
- Discuss new federal regulations that are impacting reimbursement in the vascular lab today
- Recite the findings from segmental pressures and Doppler waveforms in a patient with aorto-iliac disease

THURSDAY AFTERNOON WORKSHOPS

- Describe the PVR waveforms seen in a patient with multilevel arterial disease
- List the most common proximal and distal anastomoses found in infrainguinal bypass grafts
- Relate the normal velocities and diameters seen in the radial and ulnar arteries
- Define the physical difficulties encountered while performing a standing venous reflux exam
- Discuss why proper body mechanics are so vital in the vascular lab
- Recall the various procedures involved in obtaining the information necessary for the MD to make the best choice of access for hemodialysis
- Record the reasons an active, ongoing QA/QI program is imperative to every vascular lab
- Describe the major vessels found in the circle of Willis

FRIDAY MORNING WORKSHOPS

- Discuss the most frequently seen collateral pathways in the upper extremity venous system
- Relate the direction of flow in the MCA, ACA and PCA
- Explain the implications of triphasic, biphasic, and monophasic waveforms in peripheral arterial disease
- Differentiate between portal and hepatic veins
- Perform an adequate history and physical exam on a vascular patient
- Understand the use of the renal/aorta ratio in evaluating a patient for renal artery stenosis
- List the four types of endovascular leaks
- Relate the proper technique used in evaluating a patient pre-op GSV ablation
- Recall duplex characteristics seen in acute and chronic thrombus

FRIDAY AFTERNOON WORKSHOPS

- Discuss the indications for a SFA stent graft
- Relate the normal velocity range seen in the AV anastomosis of an A-V fistula, as well as in the body of the fistula
- Define the major pitfalls of moving from a "paper chart" lab to a paperless lab, using digital archiving
- Describe the various velocity criteria used in the interpretation of carotid artery duplex
- Explain the normal deep and superficial venous anatomy of the lower extremity
- Recognize the presence of a significant stenosis in the SFA using color and spectral Doppler
- Review the importance of performing a duplex exam on the asymptomatic arm when acute thrombus is seen in a symptomatic arm
- Discuss issues impacting vascular lab management – staffing, retention, etc. and make improvements accordingly
- Recall common errors seen in duplex exams of the peripheral arteries and the abdominal vessels.



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NONINVASIVE DIAGNOSIS OF VASCULAR DISEASE

... A nationally renowned symposium with workshops, March 1 – 3, 2007

Register Now: Attendance Limited

Please route or post for others interested in attending.

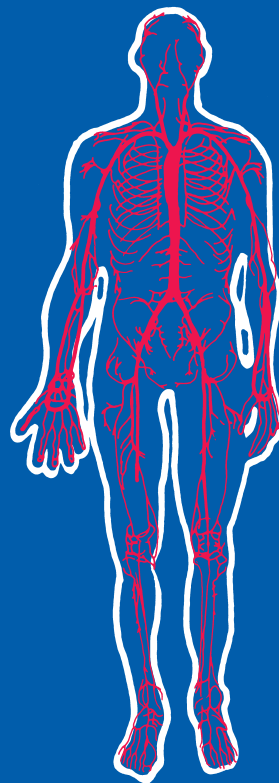
The 15th National

For Physicians,
Technologists
and Nurses

Sponsored by
Noninvasive Vascular Laboratory
and Division of Vascular Surgery



At the Hyatt Regency Hotel
Union Station
St. Louis, Missouri



NONINVASIVE DIAGNOSIS OF VASCULAR DISEASE

March 1 - 3, 2007
(Pre-Symposium Workshop February 28)

Symposium

Faculty

Richard C. Pennell, MD, FACS

Symposium Director

Director, Noninvasive Vascular Laboratory
Chief, Division of Vascular Surgery
St. John's Mercy Medical Center
Clinical Professor of Surgery
Saint Louis University School of Medicine
St. Louis, MO

Lynn E. Thorpe, RN, RVT

Workshop Chair

Noninvasive Vascular Laboratory
St. John's Mercy Medical Center
St. Louis, MO

Dennis F. Bandyk, MD

Professor of Surgery
University of South Florida
Tampa, FL

Hisham S. Bassiouny, MD, FACS

Professor of Surgery and Interim Chief
Director, Noninvasive Vascular
Laboratory
Vascular Surgery
University of Chicago School of Medicine
Chicago, IL

Phillip J. Bendick, PhD, RVT

Technical Director
Peripheral Vascular Diagnostic Center
Director, Surgical Research
William Beaumont Hospital
Royal Oak, MI

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Toledo, OH
Clinical Professor of Surgery
University of Michigan
Ann Arbor, MI

Miles M. Cramer, BS, RVT, FSVU

Miles Cramer Sonography
Mulktiteo, WA

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Medical Director
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Medical Director
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John W. Hallett, MD

Medical Director and
Vascular Surgeon
Roper St. Francis Heart and
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Clinical Professor of Surgery
Medical University of South Carolina
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Clinical Professor of Surgery
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Michael R. Jaff, DO, RPVI

Assistant Professor of Medicine
Harvard Medical School
Director, Vascular Medicine
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Anne Jones, BSN, RVT, RDMS, FSVU

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Wake Forest University Medical Center
Instructor in Neurology
Medical College of Georgia in Augusta
Severna Park, MD

Jenifer Kidd, RN, RVT, DMU(Vasc)

Vascular Technologist
Gosford Vascular Services
NSW, Australia

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Professor and Director
Center for Medical Ultrasound
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Winston-Salem, NC

Ann Marie Kupinski, PhD, RVT, FSVU

Vice President
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Wayne Leonhardt, BA, RT, RDMS, RVT, APS

Lead Sonographer
Technical Director and
Continuing Education Coordinator
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Cindy Weiland, RVT, RRT

Director of Accreditation
Intersocietal Accreditation Commission
for Vascular Laboratories
Columbia, MD

Lisa Wynd, BSRT(R), RDMS, RVT

Vascular Technologist
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St. Charles, MO

William Zang, BS, RVT, RDMS

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General Electric
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R. Eugene Zierler, MD, FACS

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Medical Director
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ST. JOHN'S MERCY MEDICAL CENTER FACULTY

Arthur I. Auer, MD, Emeritus

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Vanessa Buechler, LPN

Melissa Eil, RVT

Marilyn Evans, RDMS, RVT

Joseph J. Hurley, MD, FACS

Adnan Issa, RVT

Carla Kelley, RVT

Kathleen Klomp, RN, RVT

Vito A. Mantese, MD, FACS

Karen Mertz, BSN, RN, RVT

Richard C. Pennell, MD, FACS

Rhonda Poindexter-Winton, BS, MS

Sherri Smith, RVT, RDMS

Lynn Thorpe, RN, RVT

Scott G. Westfall, MD, FACS

WEDNESDAY, FEBRUARY 28, 2007 EVENING SESSION (OPTIONAL)

5:30 p.m. Registration

6 – 8 p.m. ICAVL: Getting Started on
Accreditation Workshop
Cindy Weiland, RVT, RRT

THURSDAY, MARCH 1, 2007

6:45 – 8:00 a.m. Registration, Exhibit Viewing
and Continental Breakfast

7 – 8:00 a.m. Principles of Diagnostic
Ultrasound Session I (Optional)
Frederick W. Kremkau, PhD

8:00 Opening Remarks
Denny DeNarvaez
President and CEO
St. John's Mercy Health Care
St. Louis, MO

Christopher Veremakis, MD
Director, Continuing Medical Education
Chairman, Critical Care Medicine
St. John's Mercy Medical Center
St. Louis, MO

Richard C. Pennell, MD, FACS
Symposium Director
Director, Vascular Laboratory
Chief, Division of Vascular Surgery
St. John's Mercy Medical Center
Clinical Professor of Surgery
Saint Louis University School of Medicine
St. Louis, MO

CEREBROVASCULAR SESSION

Richard C. Pennell, MD, Moderator

- 8:15 Imaging Before Carotid Intervention: What's Enough?
John W. Hallett, MD
- 8:30 Reappraisal of Hemodynamic Criteria for Detecting ICA Stenosis
Hisham S. Bassiouny, MD
- 8:45 Potential U/S-Induced Overuse of Prophylactic Carotid Interventions
Gregory L. Moneta, MD
- 9:00 Duplex Characteristics of Primary vs. Recurrent Carotid Stenosis
Jean F. Primozych, BS, RVT, FSVU
- 9:15 Exhibit Viewing and Break
- 9:45 Introducing Gray Scale Median Plaque Assessment Into Your Vascular Lab
Richard C. Pennell, MD
- 10:00 Role of Gray Scale Median Analysis in Clinical Management of Asymptomatic Carotid Stenosis
Hisham S. Bassiouny, MD
- 10:15 Duplex Follow-up After Carotid Stenting
Richard J. DeMasi, MD
- 10:30 **PANEL DISCUSSION**
Drs. Hallett, Bassiouny, Moneta, Pennell, DeMasi, and J. Primozych
- 11:00 **WORKSHOPS** (40-minute sessions, repeated once)
Vein Mapping – **K. Hannon**
Carotid Duplex – **W. Leonhardt**
Upper Extremity Arterial, TOS – **M. McPharlin**
Carotid Stent – **J. Kidd**
Aorto-Iliac Mapping Pre- and Post-Intervention – **K. Carter**
Renal Transplant – **M. Neumyer**
Is What You See Really What You See? Venous and Carotid Cases – **C. Rumwell, A. Kupinski**
Government Relations #1: Federal Issues Impacting Reimbursement of Noninvasive Vascular Testing – **A. Jones, B. Schroedter, M. Lilly**
Basic Scientific Session: Arterial - Segmental Pressures, Doppler Waveforms, Infrainguinal Graft Duplex, Abdominal Duplex –
Moderator: **G. Sandager - Hadley, T. Needham, C. Owen**

12:30 p.m. Lunch

ABDOMINAL AORTIC AND VISCERAL ARTERY IMAGING SESSION

John W. Hallett, MD, Moderator

- 1:30 Can We Predict Aortic Expansion Following Endovascular Repair Using Duplex U/S?
Kathleen Carter, BSN, RN, RVT
- 1:42 Continuous U/S Contrast Infusion As an Adjunct to Duplex Assessment of Aortic Endografts
Megan Hodge, RN, RVT
- 1:54 Visceral Artery Imaging – Pros and Cons of CTA, MRA, and Duplex U/S
Laurence Needleman, MD
- 2:06 Renovascular Disease: Role of the Vascular Lab in Predicting Outcomes of Renal Revascularization
John W. Hallett, MD
- 2:18 Advanced Techniques in Renal Artery Duplex Imaging
R. Eugene Zierler, MD
- 2:30 Duplex Criteria for Mesenteric Artery Bypass Grafts
Gregory L. Moneta, MD
- 2:42 Duplex-Guided AV Access Procedures
Natalie A. Marks, RVT, RDMS
- 3:00 **PANEL DISCUSSION**
Drs. Needleman, Hallett, Moneta, Zierler and K. Carter, M. Hodge, N. Marks
- 3:30 Exhibit Viewing and Break
- 4:00 **WORKSHOPS** (40-minute sessions, repeated once)
Segmental Pressures, PVR – **K. Hannon**
Infrainguinal Bypass Graft – **J. Kidd**
Radial Artery Mapping – **K. Mertz**
Venous Reflux – **A. Kupinski**
Ergonomics in the Vascular Lab – **S. Murphey**
Pre-op AV Fistula – **W. Zang**
QA/QI Central: 7 Habits of Highly Effective RVTs – **C. Rumwell, M. McPharlin**
Basic Scientific Session: Carotid – Carotid Duplex, Carotid Stent, TCD –
Moderator: **G. Berdejo, A. Jones, M. Neumyer**
- 5:25 Adjourn
- 5:30-6:30 Reception in Exhibit Hall

FRIDAY, MARCH 2, 2007

7 - 8:00 a.m. Principles of Diagnostic Ultrasound II (Optional)
Frederick W. Kremkau, PhD

PERIPHERAL ARTERIAL SESSION

Dennis F. Bandyk, MD, Moderator

- 7:30 a.m. Registration, Exhibit Viewing and Continental Breakfast
- 8:00 The Importance of Physiologic Testing in Peripheral Arterial Disease
Anthony J. Comerota, MD
- 8:15 Noninvasive Evaluation of Peripheral Arterial Disease in Diabetics
Joseph J. Hurley, MD
- 8:30 Duplex-Guided Lower Extremity Interventions
Natalie A. Marks, RVT, RDMS
- 8:45 Role of Duplex U/S Prior to, During and After Subintimal Angioplasty
George L. Berdejo, RA, RVT
- 9:00 Exhibit Viewing and Break
- 9:30 Duplex Follow-up After Subintimal Angioplasty
Richard J. DeMasi, MD, RVT
- 9:45 Efficient Vascular Testing After Peripheral Endovascular Interventions
Dennis F. Bandyk, MD
- 10:00 Unusual Arterial Duplex Findings
Laurence Needleman, MD
- 10:15 Insights Into Renal and Mesenteric Artery Duplex Interpretation: Hemodynamic Clues
Michael R. Jaff, DO
- 10:30 **PANEL DISCUSSION**
Drs. Comerota, Hurley, DeMasi, Bandyk, Needleman, Jaff, and N. Marks and G. Berdejo
- 11:00 **WORKSHOPS** (40-minute sessions, repeated once)
Upper Extremity Venous Duplex – **G. Sandager-Hadley**
TCD, TCI – **W. Zang**
Segmental Pressures, Doppler Waveforms – **L. Wynd**
Hepatic and Portal Duplex – **C. Owen**
A History and Physical Exam in the Vascular Lab: How it Will Make Your Job Easier – **B. Schroedter**
Renal Artery Duplex – **M. Cramer**
Aortic Stent – **K. Carter**
Pre-op GSV Ablation – **G. Berdejo**

Basic Scientific Session:
Venous – LE Venous Duplex, UE Venous Duplex, Vein Mapping – Moderator: **K. Olmsted, M. McPharlin, K. Hannon**

12:30 p.m. Lunch

VENOUS AND DIALYSIS ACCESS IMAGING SESSION

Anthony J. Comerota, MD, Moderator

- 1:30 Functional Testing for Venous Disease
Thom W. Rooke, MD
- 1:42 The Natural History of Acute DVT
Mark H. Meissner, MD
- 1:54 The Importance of Functional Testing in the Evaluation of Venous Disease
Anthony J. Comerota, MD
- 2:06 Changing Paradigms in the Duration of Anticoagulation – Role of Venous U/S
Mark H. Meissner, MD
- 2:18 Unilateral Venous Duplex – Prevalence of Thrombosis in the Asymptomatic Limb
Richard C. Pennell, MD
- 2:30 Preoperative Imaging for HD Access – How to Do It and Bill for It
Michael P. Lilly, MD
- 2:42 Duplex Assessment of Dialysis Access Procedures
Dennis F. Bandyk, MD
- 3:00 **PANEL DISCUSSION**
Drs. Rooke, Meissner, Comerota, Pennell, Lilly and Bandyk
- 3:30 Exhibit Viewing and Break
- 4:00 **WORKSHOPS** (40-minute sessions, repeated once)
SFA Stent-Graft Duplex – **D. Wehrle**
Post-Op AV Fistula – **T. Needham**
Digital Image Archiving and Report Writing for Vascular Examinations: An Old Dog Learns New Tricks – **M. Cramer**
Carotid Duplex – **M. Neumyer**
LE Venous Duplex – **W. Leonhardt**

LE Arterial Duplex – **J. Kidd**
 UE Venous Duplex – **K. Olmsted**
 Government Relations #2: Issues
 Impacting Vascular Lab
 Management – **B. Schroedter, A.
 Jones, M. Lilly**
 Is What You See Really What You
 See? Arterial and Abdominal Cases –
C. Rumwell, A. Kupinski

5:30 Adjourn

SATURDAY, MARCH 3, 2007

7:00 a.m. Principles of Diagnostic Ultrasound
 Session III (Optional)
Frederick W. Kremkau, PhD

NEW AND EVOLVING CONCEPTS

Phillip J. Bendick, PhD, Moderator

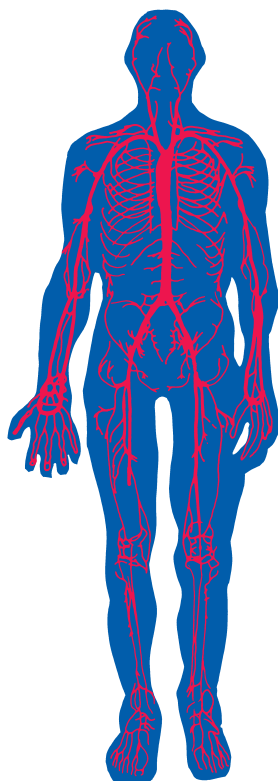
- 7:30 Registration, Exhibit Viewing,
 Continental Breakfast
- 8:00 Intima-Medial Wall Thickness:
 Precursor to Arterial Plaque?
Terence Needham, BS, RVT
- 8:15 Brachial Artery Reactivity:
 Precursor to Intima-Medial
 Thickening?
Terence Needham, BS, RVT
- 8:30 Contrast-Enhanced Carotid
 Duplex Imaging
Marie Gerhard-Herman, MD
- 8:45 Applications of 3-D Ultrasound
 in Vascular Disease
Phillip J. Bendick, PhD
- 9:00 Impact of Cardiovascular
 Pathologies on Peripheral
 Vascular Hemodynamics
Marie Gerhard-Herman, MD
- 9:15 Panel Discussion
**Drs. Gerhard-Herman, P. Bendick,
 T. Needham**
- 9:45 Exhibit Viewing and Break

VASCULAR LABORATORY MANAGEMENT AND GOVERNMENT RELATIONS

R. Eugene Zierler, MD, Moderator

- 10:15 Top Ten Tips for Ergonomics
Susan Murphey, BS, RDMS, RDCS
- 10:27 Growing Your Own Vascular
 Technologists
Micky McPharlin, RN, RVT
- 10:39 Going Digital in the Vascular
 Lab
Cynthia Blumenstein, RVT
- 10:51 Controversies in Vascular
 Screening
Thom W. Rooke, MD
- 11:03 Reimbursement and Government
 Relations: Update for 2007
Michael P. Lilly, MD

- 11:15 What's New in Vascular Lab
 Accreditation
Cindy Weiland, RVT, RRT
- 11:27 The ARDMS Physicians
 Credential: What Does It
 Mean for Your Vascular Lab
R. Eugene Zierler, MD
- 11:40 **PANEL DISCUSSION**
**Drs. Zierler, Lilly, Rooke, and
 S. Murphey, M. McPharlin,
 C. Blumenstein, C. Weiland**
- Noon Adjourn



NONINVASIVE DIAGNOSIS OF VASCULAR DISEASE SYMPOSIUM

REGISTRATION FORM

Please type or print legibly. Use one form per registrant.

Name _____

Social Security Number _____

Phone Number _____

Profession (check as many that apply)

_____ MD _____ Vascular Technologist (not registered)

_____ DO _____ RN

_____ Resident _____ LPN

_____ RVT _____ Other (please indicate) _____

Affiliation _____

Department/Unit _____

Address _____

City _____ State _____ ZIP Code _____

Email Address _____

Have you attended this symposium in the past? _____ Yes _____ No

Please advise us of your plans to attend the following **optional** sessions:

I plan to attend the pre-symposium workshop on Wednesday, February 28:

_____ Yes _____ No IC AVL: Getting Started on Accreditation

I plan to attend the following **optional** sessions:

_____ Yes _____ No Principles of Diagnostic Ultrasound Session I (7 a.m. March 1)

_____ Yes _____ No Principles of Diagnostic Ultrasound Session II (7 a.m. March 2)

_____ Yes _____ No Principles of Diagnostic Ultrasound Session III (7 a.m. March 3)

Please indicate if you require hotel reservations:

_____ Yes _____ No

HOTEL RESERVATIONS

To assure availability and the special symposium rate, you must make your hotel reservations before **February 8**. You may also make hotel reservations by internet <http://stlouis.hyatt.com/groupbooking/stlouistm2007> or you may call the Hyatt Regency Hotel at 1-800-233-1234.

If you have any special needs addressed by the Americans With Disabilities Act, write us at the address listed below or call 314-251-4961.

REGISTRATION FEES

The registration fee includes attendance at all sessions, symposium and workshop syllabus, certificate of attendance, three continental breakfasts, refreshment breaks, two lunches and Thursday evening reception.

	Postmarked before 1/10/07	After 1/10/07
Physician	\$ 600	\$630
Vascular Lab RN/RVT/Other	\$ 495	\$525
Resident/Fellow	\$ 375	\$400

THE REGISTRATION DEADLINE IS FEBRUARY 12, 2007.

Payment must accompany registration. Make check payable to St. John's Mercy Medical Center and mail with registration form to:

St. John's Mercy Medical Center
 Public Relations
 ATTN: Elizabeth Kauffmann - Vascular Registration
 615 S. New Ballas Road
 St. Louis, MO 63141-8277