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Seattle, Washington

Robert M. Zwolek, MD, PhD
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25TH SYMPOSIUM AND WORKSHOPS ON MANAGEMENT AND CLINICAL ISSUES
FRIDAY - SATURDAY
NOVEMBER 21 - 22, 2014

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Peripheral Vascular Disease (PVD) in the U.S. affects approximately 8 million to 12 million patients a year; some experts in the field believe this may be underestimated. The disease is associated with significant cardiovascular morbidity and mortality, with a high rate of fatal and non-fatal cardiovascular events such as myocardial infarction, stroke, renal failure, limb amputations, abdominal aortic aneurysms, pulmonary embolus and progressive ischemic end-organ dysfunction.

Since atherosclerosis is the most common cause of PVD, patients with PVD have a rate of cardiovascular mortality that is 3 to 4 times higher than age-matched controls. The cardiac mortality in symptomatic PVD is estimated to be 50% at 10 years. The reduction in quality of life from global vasculopathy in many patients can thus be significant.

Prompt and accurate diagnosis of these disease processes is of utmost importance. The AVIDsymposium is designed to address this need by providing the vascular community with continuing medical education in this area. The latest pharmacologic, radiologic, surgical and endovascular techniques and technologies will be presented, along with discussions of when these treatments are justified and indicated and when they are not. Updates on clinical trials and opportunities for dialogue with experts in the field provide insight along with the latest data on the results of the various diagnostic and treatment modalities.

**EDUCATIONAL OBJECTIVES**

Advances in Vascular Imaging and Diagnosis™ 25th Symposium and Workshops on Management and Clinical Issues is an intensive two-day course designed to provide a comprehensive update on the diagnosis of vascular disease using real time B-mode imaging, color and spectral Doppler and other noninvasive techniques. The course will also address important issues in the area of Vascular Laboratory management, vascular ultrasound education, reimbursement and laboratory accreditation. An internationally renowned faculty has been assembled to provide the latest in their respective areas of expertise. This will be accomplished via didactic lectures and will be enhanced by ample time for faculty panel discussions designed to provide interaction with the audience. In addition, live scanning demonstrations and hands-on workshops will be supervised by known experts in their fields and will utilize leading edge equipment.

Following this continuing medical education activity, the participants will:
- Describe recent developments in vascular ultrasound technology
- Incorporate the Vascular Laboratory into the management of patients with vascular disease
- Identify and compare noninvasive tests that are available to aid in the diagnosis of vascular disease
- Identify current therapy and their roles for the effective management of peripheral arterial/venous disease; and carotid artery disease
- Utilize duplex ultrasound prior to, during and after endovascular procedures
- Apply issues regarding Vascular Laboratory management, reimbursement and accreditation to their practice.

**TARGET AUDIENCE**

This course is intended for:
- Vascular Technologists
- Sonographers
- Vascular Surgeons
- Radiologists
- Neurologists
- Vascular Nurses
- Vascular Interventionalists
- Medical and Ultrasound Students
- and other physicians and allied health professionals with an interest in the diagnosis and treatment of vascular disease.
ACCREDITATION STATEMENT
The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 18 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

FOR ARDMS AND CCI CREDENTIALED VASCULAR TECHNOLOGISTS AND SONOGRAPHERS
For Vascular Technologists and Sonographers, Continuing Medical Education credit hours are available on an hour-for-hour basis and may be used to fulfill the continuing medical education requirements necessary to retain certification with the American Registry for Diagnostic Medical Sonography (ARDMS) ¹ and Cardiovascular Credentialing International (CCI) ² or for accreditation with the Intersocietal Accreditation Commission (IAC).

2. http://www.cci-online.org/content/ceu-providers

STUDENTS ONLY PRE-CONFERENCE COURSE
A pre-course for students only will be held on Thursday, November 20, 2014. Students must be registered for the AVIDsymposium (Friday and Saturday) to be eligible to attend this course. Please refer to the AVIDsymposium web site (www.AVIDsymposium.org) for further details regarding this course.

CME CERTIFICATES AND COURSE EVALUATION FORMS
Your CME certificate will be available online at www.AVIDsymposium.org. An e-mail will be sent to all registered attendees immediately following the meeting with a unique password and instructions on how to obtain the certificate and complete a brief, optional course evaluation. Please note that the e-mail will be sent to the e-mail address that was used to register the attendee.

FACULTY DISCLOSURE
The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

ADA STATEMENT
The Cleveland Clinic Foundation Center for Continuing Education complies with the legal requirements of the Americans with Disability Act. If any participant of the AVIDsymposium requires special assistance, please send written request at least one month prior to the activity to admin@AVIDsymposium.org, or by fax to (845) 368-2324.

ONLINE ACCESS TO ABSTRACTS
Presentation slides will be used as abstracts and will be available on the program page of the AVIDsymposium web site at www.AVIDsymposium.org after the meeting. Abstracts will be available on the web site for one full year.
A block of rooms has been reserved at the conference rate of $392 plus taxes per night. This rate is available until the block is filled or until October 17, 2014. Please request the VEITH rate when reserving your accommodations.

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FRIDAY, NOVEMBER 21, 2014

SESSION 1
PRINCIPLES TUNE-UP: HOW SHARP ARE YOU – PART 1

Moderator: George L. Berdejo, BA, RVT

7:00 – 7:55 Principles Tune-Up
Frederick Kremkau, PhD

7:55 – 8:05 Welcome And Opening Remarks
George L. Berdejo, BA, RVT

SESSION 2
HISTORICAL PERSPECTIVES AND RETROSPECTIVES IN VASCULAR TESTING

Moderator: George L. Berdejo, BA, RVT

8:05 – 8:17 Reflections On 25 Years Of The AVIDsymposium
George L. Berdejo, BA, RVT

8:17 – 8:29 A Personal Eyewitness Perspective On The History And Evolution Of The “Vascular Laboratory” – The University of Washington Experience: Where We Came From And What's On The Horizon
R. Eugene Zierler, MD, RPVI

SESSION 3
IMAGING ESSENTIALS: 5 TOP PRACTICAL AND TECHNICAL TIPS TO FACILITATE THE DUPLEX ULTRASOUND EVALUATION

This session will provide the participant with essential sonographic techniques, pearls and pitfalls of the major areas of vascular ultrasound testing.

Moderator: Natalie A. Marks, MD, RVT, RPVI

8:29 – 8:38 Carotid Duplex Imaging
Ann Marie Kupinski, PhD, RVT

8:38 – 8:47 Lower Extremity Vein Imaging (DVT)
William (Billy) Zang, BS, RVT, RDMS

8:47 – 8:56 Upper Extremity Vein Imaging (DVT)
Patricia (Tish) A. Poe, BA, RVT

8:56 – 9:05 Lower Extremity Bypass Grafts
Phillip J. Bendick, PhD, RVT

9:05 – 9:14 Renal Artery Duplex Examination
Robert De Jong, RDMS, RVT

9:14 – 9:23 Dialysis Access
Natalie A. Marks, MD, RVT, RPVI

SESSION 4
HANDS-ON REAL TIME IMAGING WITH THE EXPERTS – ABDOMINAL IMAGING

This will be a live scanning session designed to allow the audience opportunity to pose questions and interact with the speaker while the patient is being scanned.

Moderators: Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
Joshua Cruz, RVT

9:23 – 9:35 Tips For Navigating The Abdomen And Pelvis (Aorta And Iliac Arteries)
Cindy A. Owen, RVT, RDMS

9:35 – 9:47 Tips And Tricks For The Renal Artery Examination
Robert De Jong, RDMS, RVT

9:47 – 10:00 Panel Discussion (Combined Sessions 3 and 4)
SESSION 5

VASSEULAR ULTRASOUND: “CURVEBALLS AND CONTROVERSIES”

Moderators: Anne M. Jones, RN, BSN, RVT, RDMS
Richard C. Pennell, MD

10:00 – 10:07
The Effect Of Chronic Sonographer Pain On The Quality Of The Ultrasound Scan: Real Or Imagined And How Can This Be Addressed?
Anne M. Jones, RN, BSN, RVT, RDMS

10:07 – 10:14
Obscure Incidental Findings In The Vascular Lab
Richard C. Pennell, MD

10:14 – 10:21
Vascular Ultrasound In Emergency Medicine
Phillip J. Bendick, PhD, RVT

10:21 – 10:28
Ultrasound Guidance To Decrease Access Site Complications: An Essential Tool Even For Experienced Interventionalists
R. Eugene Zierler, MD, RPVI

SESSION 6

CLASH OF THE TITANS – PART 1

Moderators: Anne M. Jones, RN, BSN, RVT, RDMS
Richard C. Pennell, MD

DEBATE 1: STANDING POSITION FOR REFLUX OR NOT

10:28 – 10:33
Standing Or Not Is NOT The Right Question To Ask
Sergio X. Salles-Cunha, PhD, RVT

10:33 – 10:38
The Case For Standing Reflux Only
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

DEBATE 2: GRADING CAROTID STENOSIS

10:38 – 10:43
Carotid Duplex Studies Can Be Terribly Misleading and Miss Or Underestimate High-Grade Carotid Stenosis
Glenn M. LaMuraglia, MD

10:43 – 10:48
Duplex Ultrasound Is The TRUE Gold Standard
R. Eugene Zierler, MD, RPVI

10:48 – 11:00
Panel Discussion And Poll (Combined Sessions 5 and 6)

11:00 – 11:05
Transition to Workshops (Americas Hall 2, 3rd Floor)

SESSION 7 (Americas Hall 2, 3rd Floor)

WORKSHOP ROTATION 1
11:05 – 12:00

MURRAY HILL SUITE

ROOM 2
Interpreting With The Masters: Clinical Conundrums In Carotid Imaging: A Case Study Review
Laurence Needleman, MD
R. Eugene Zierler, MD, RPVI
Richard C. Pennell, MD

ROOM 3
Interpreting With The Masters: Adventures In Abdominal And Upper Extremity Vein Cases
John S. Pellerito, MD
Leslie M. Scoutt, MD

ROOM 4
Interpreting With The Masters: Lower Extremity Arterial And Venous Cases
Natalie A. Marks, MD, RVT, RPVI
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

Common EMR Mistakes That Can Destroy Your Compliance And Reimbursement
Joseph P. Hughes, RVS, RVT
ROOM 5
Understanding Vascular Hemodynamics In The Periphery
Steven J. Knight, BSc

ROOM 6
Test Taking Strategies
Frank Miele, MSSE

ROOM 7
IAC Accreditation
Sandra L. Kataniuk, RN, RVT, CAE

12:00 – 1:15
Lunch Break – Visit Exhibits (South Corridor, 2nd Floor)

SESSION 8
QUALITY ASSURANCE QUERIES, QUANDARIES AND QUAGMIRES IN VASCULAR IMAGING: LESSONS LEARNED FROM CHALLENGING CASES AND MISSED DIAGNOSES
“Case Based Learning” with angiographic CT and MR correlation. Benefit from this seasoned faculty and use their experiences to help you become a better clinician and avoid the pitfalls of vascular imaging.
Moderator: Laurence Needleman, MD

1:15 – 1:25
Cerebrovascular Cases
Ann Marie Kupinski, PhD, RVT

1:25 – 1:35
Lower Extremity Arterial Cases
Phillip J. Bendick, PhD, RVT

1:35 – 1:45
Upper And Lower Extremity Venous Cases
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

1:45 – 1:55
Abdominal Imaging Cases
Cindy A. Owen, RVT, RDMS

1:55 – 2:05
Dialysis Access Cases
David Fox, MD

SESSION 9
HANDS-ON REAL TIME IMAGING WITH THE EXPERTS – HEMODIALYSIS ACCESS AND LOWER EXTREMITY BYPASS GRAFT IMAGING
This will be a live scanning session designed to allow the audience to pose questions and interact with the speaker while the patient is being scanned.
Moderators: Laurence Needleman, MD
Joshua Cruz, RVT

2:05 – 2:17
Dialysis Access Scanning
Patricia (Tish) A. Poe, BA, RVT

2:17 – 2:29
Vein Graft Imaging
Phillip J. Bendick, PhD, RVT

2:29 – 2:40
Panel Discussion (Combined Sessions 8 and 9)

SESSION 10
LOWER EXTREMITY ARTERIAL
Moderator: Sergio X. Salles-Cunha, PhD, RVT

2:40 – 2:49
Lower Extremity Arterial Duplex Scanning: How Extensive Should It Be And How Much Time Should We Spend?
Natalie A. Marks, MD, RVT, RPVI

2:49 – 2:58
Peripheral Stent Surveillance – Why, How, How Often?
Dennis F. Bandyk, MD
SESSION 11
CLASH OF THE TITANS – PART 2
Moderator: Sergio X. Salles-Cunha, PhD, RVT

DEBATE 3: LOWER EXTREMIT Y PHYSIOLOGIC TESTING

2:58 – 3:03
Lower Extremity Segmental Pressures: An Obsolete Test
Phillip J. Bendick, PhD, RVT

3:03 – 3:08
Segmental Pressures Are Still Important
Patricia (Tish) Poe, BA, RVT

3:08 – 3:13
There Is An Association Between The Ankle-Brachial Index (ABI) And MI And Stroke Risk: Every Patient We See Should Get An ABI
Caron B. Rockman, MD

3:13 – 3:20
Panel Discussion (Combined Sessions 10 and 11)

SESSION 12
CTA, MRA AND DUPLEX ULTRASOUND: COMPETING OR COMPLEMENTARY IMAGING MODALITIES
Moderators: Laurence Needleman, MD
John S. Pellerito, MD

3:45 – 3:54
CTA, MRA And Duplex Ultrasound For Evaluation And Treatment Of Carotid Artery Disease
John S. Pellerito, MD

3:54 – 4:03
CTA, MRA And Duplex Ultrasound For Evaluation And Treatment Of Lower Extremity Arterial Disease
William D. Suggs, MD

4:03 – 4:12
CT Angiography-Derived Duplex Ultrasound Velocity Criteria In Patients With Carotid Artery Stenosis
David L. Gillespie, MD

SESSION 13
CLASH OF THE TITANS – PART 3
Moderators: Laurence Needleman, MD
John S. Pellerito, MD

DEBATE 4: PERIPHERAL INTERVENTIONS

4:12 – 4:17
Ultrasound Is Not Enough: CTA, MRA And Angiography Are Still Important Players In Many Interventions
Thomas R. Bernik, MD

4:17 – 4:22
Duplex Ultrasound Is All You Need For Most Interventions
Natalie A. Marks, MD, RVT, RPVI

DEBATE 5: ENDOGRAFT SURVEILLANCE

4:22 – 4:27
Duplex Ultrasound Imaging Alone Is Sufficient For Endovascular Aneurysm Repair Surveillance
Keith D. Calligaro, MD

4:27 – 4:32
NOT! There Is Still A Role For CT Scan After Endovascular Aneurysm Repair
Laurence Needleman, MD

4:32 – 4:45
Panel Discussion And Poll (Combined Sessions 12 and 13)

4:45 – 5:00
Break – Visit Exhibits (South Corridor, 2nd Floor)
SESSION 14
HANDS-ON REAL TIME IMAGING WITH THE EXPERTS – VEIN IMAGING FOR DVT
This will be a live scanning session designed to allow the audience opportunity to pose questions and interact with the speaker while the patient is being scanned.

Moderators: 
George L. Berdejo, BA, RVT
Joshua Cruz, RVT

5:00 – 5:12 
Upper Extremity Vein Imaging
Joshua Cruz, RVT

5:12 – 5:24 
Lower Extremity Vein Imaging
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

5:24 – 5:30 
Panel Discussion

SATURDAY, NOVEMBER 22, 2014

SESSION 15
PRINCIPLES TUNE-UP: HOW SHARP ARE YOU – PART 2
Moderator: 
George L. Berdejo, BA, RVT

7:00 – 7:45 
Principles Tune-Up
Frederick Kremkau, PhD

SESSION 16
DIAGNOSIS AND MANAGEMENT OF CHRONIC VENOUS DISEASE
This important session is tailored to the everyday need in terms of chronic venous disease diagnosis and treatment. It is balanced for technologists, physicians and other health professionals with an interest in the diagnosis, treatment and follow-up of chronic venous disease.

Moderator: 
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

7:45 – 7:52 
Focus On The Important Anatomic Points In Patients With Venous Disease
Steve Elias, MD

7:52 – 7:58 
Explanation Of The Doppler Waveforms In Different Types Of Reflux
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

7:59 – 8:06 
Ultrasound Interpretation Of Chronic Venous Obstruction Patterns
Apostolos K. Tassiopoulos, MD

BRIDGING THE COMMUNICATION GAP BETWEEN TECHNOLOGISTS AND PHYSICIANS

8:06 – 8:13 
The Technologist’s Point Of View: What The Physician Needs To Know
George L. Berdejo, BA, RVT

8:13 – 8:20 
The Physician’s Point Of View: What The Technologist Needs To Know
Laurence Needleman, MD

8:20 – 8:27 
Protocol For The Ultrasound Examination Of The Pelvic Veins
Antonios P. Gasparis, MD

8:27 – 8:34 
Physical Exam And Ultrasound Findings: What Do I Do Next?
Peter J. Pappas, MD

8:34 – 8:41 
Focus On Imaging During And After Endovenous Ablation Techniques
Nick Morrison, MD
SESSION 17
HANDS-ON REAL TIME IMAGING WITH THE EXPERTS – CHRONIC VENOUS INSUFFICIENCY IMAGING (CVI)
This will be a live scanning session designed to allow the audience to pose questions and interact with the speaker while the patient is being scanned.

Moderators: George L. Berdejo, BA, RVT
Joshua Cruz, RVT

8:41 – 8:53 How To Perform The Examination For CVI
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

8:53 – 9:05 Sonographic Anatomy Of The Saphenous Veins And Varicose Veins Suitable For Foam Sclerotherapy
Diana L. Neuhardt, RVT, RPhS

9:05 – 9:15 Panel Discussion (Combined Sessions 16 and 17)

9:15 – 9:30 Break – Visit Exhibits (South Corridor, 2nd Floor)

SESSION 18
CEREBROVASCULAR 1: PHILOSOPHICAL ISSUES

Moderator: George H. Meier III, MD

9:30 – 9:40 Carotid Stenosis Criteria Revisited – Is Standardization Realistic: Are We Anywhere Near A Solution?
Heather L. Gornik, MD

9:40 – 9:50 Surveillance For Moderate (50-69%) ICA Stenosis In Asymptomatic Patients – Why, How, How Often Is Necessary: In The Era Of Statins, etc., Is Q6 Months Surveillance Rational?
Dennis F. Bandyk, MD

Gregory L. Moneta, MD

SESSION 19
CLASH OF THE TITANS – PART 4

Moderator: George H. Meier III, MD

DEBATE 6: INTIMA-MEDIA THICKNESS MEASUREMENTS

10:00 – 10:05 A Valuable Measurement: Everyone Should Get One
William (Billy) Zang, BS, RVT, RDMS

Sergio X. Salles-Cunha, PhD, RVT

10:10 – 10:20 Panel Discussion And Poll (Combined Sessions 18 and 19)

SESSION 20
EFFECTS OF THE CHANGING HEALTHCARE ENVIRONMENT ON VASCULAR ULTRASOUND

Moderator: Anne M. Jones, RN, BSN, RVT, RDMS

10:20 – 10:25 What Has Happened To The CARE Bill?
Anne M. Jones, RN, BSN, RVT, RDMS

10:25 – 10:32 SVU’s Solution To Your Reimbursement Woes: New Consultation Services For Vascular Labs
Franklin W. West, BSN, RN, RVT, RVS

10:32 – 10:39 RUC Update: How We Fared This Year With Vascular Duplex Codes And What This Means To Reimbursement
Sean P. Roddy, MD
What’s Going On With CMS And Vascular Screening Studies?  
Robert M. Zwolak, MD, PhD

The Latest Accreditation Options From IAC: Keeping Vascular Testing Safe And Standardized  
Sandra L. Katamick, RN, RVT, CAE

Panel Discussion  
Transition to Workshops (Sutton Complex, 2nd Floor))

SESSION 21 (Sutton Complex, 2nd Floor)

WORKSHOP ROTATION II: IMAGING ESSENTIALS  
11:10 – 12:10

MURRAY HILL SUITE  
Basic Vascular Ultrasound For The General Ultrasonographer And Echocardiographer – Part 1: Physiology And Hemodynamics  
Ann Marie Kupinski, PhD, RVT

REGENT PARLOR  
Basic General Ultrasound For The RVT: Differential Diagnoses, Leg Pain, Masses, Etc.  
Robert De Jong, RDMS, RVT

GIBSON SUITE  
Imaging The Technically Difficult Patient: Tips And Tricks For Scanning The Abdomen  
Cindy A. Owen, RVT, RDMS

NASSAU SUITE WEST  
Transcranial Doppler/Imaging  
Richard Dubin, AAS-DMS, RVT, RDMS

SUTTON PARLOR SOUTH  
Testing For Chronic Venous Insufficiency  
Diana L. Neuhardt, RVT, RPhS, Ronald Gunter, BS, MHA, RVT

MAKINSON SUITE  
Lower Extremity Vein Imaging For Deep Vein Thrombosis  
William (Billy) Zang, BS, RVT, RDMS

NASSAU SUITE EAST  
Upper Extremity Vein Imaging  
Leah Jolly, BS, RVT, RPhS

CLINTON SUITE  
Basic Echocardiography For The RVT – Part 1: Physiology And Hemodynamics  
Steven J. Knight, BSc

12:10 – 1:20

Lunch On Your Own

SESSION 22 (Sutton Complex, 2nd Floor)

WORKSHOP ROTATION III: IMAGING ESSENTIALS  
1:20 – 2:20

MURRAY HILL SUITE  
Basic Vascular Ultrasound For The General Ultrasonographer And Echocardiographer – Part 2: Protocols And Techniques  
Phillip J. Bendick, PhD, RVT

REGENT PARLOR  
Basic General Ultrasound For The RVT: Differential Diagnoses, Leg Pain, Masses, Etc.  
Robert De Jong, RDMS, RVT

GIBSON SUITE  
Optimizing The Vascular Image  
Cindy A. Owen, RVT, RDMS

NASSAU SUITE WEST  
Carotid Duplex Imaging  
Richard Dubin, AAS-DMS, RVT, RDMS

SUTTON PARLOR SOUTH  
Testing For Chronic Venous Insufficiency  
Diana L. Neuhardt, RVT, RPhS, Ronald Gunter, BS, MHA, RVT
SESSION 23
CEREBROVASCULAR 2: CLINICAL ISSUES

Moderators: Ann Marie Kupinski, PhD, RVT R. Eugene Zierler, MD, RPVI

2:25 – 2:34 Manifestations Of Cardiac Disease In The Carotid Duplex Ultrasound Examination
Heather L. Gornik, MD

2:34 – 2:43 A Taxonomy Of ECA Flow-Pattern Findings And Their Relevance In Patient Outcomes
Douglas L. Wooster, MD

2:43 – 2:52 The Vertebral Arteries: It's More Than Just Flow Direction
Phillip J. Bendick, PhD, RVT

2:52 – 3:01 Unusual Vascular Carotid Pathologies
Leslie M. Scott, MD

3:01 – 3:10 Non-Atherosclerotic Carotid Disease
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

3:10 – 3:19 What Can Duplex Ultrasonography Tell Us About Carotid Plaque Area And Juxtaluminal Black Area (JBA): How Do These Correlate With Stroke Risk And Do These Parameters And Stroke Risk Change With Statin Therapy?
Andrew N. Nicolaides, MS

SESSION 24
HANDS-ON REAL TIME IMAGING WITH THE EXPERTS – EXTRACRANIAL CEREBROVASCULAR

This will be a live scanning session designed to allow the audience to pose questions and interact with the speaker while the patient is being scanned.

Moderators: Joseph D. Goodwin, BS, RVT R. Eugene Zierler, MD, RPVI

3:19 – 3:29 The Carotid Duplex Examination: Basic Protocols Through Carotid Mapping
Ann Marie Kupinski, PhD, RVT

3:29 – 3:39 Transcranial Duplex
Joseph P. Hughes, RVS, RVT

3:39 – 3:45 Panel Discussion (Combined Sessions 23 and 24)

3:45 – 4:00 Break – Visit Exhibits (South Corridor, 2nd Floor)

SESSION 25
PRACTICE ENHANCEMENTS: ISSUES RELATED TO EDUCATION AND QUALITY

Moderator: Anne M. Jones, RN, BSN, RVT, RDMS

4:00 – 4:10 An 'Evidence-Based' Vascular Ultrasound Training Curriculum For Sonographers And Medical Students
Douglas L. Wooster, MD

4:10 – 4:20 Quality Assurance From Study Completion To Final Report
Laurence Needleman, MD
SESSION 26

ABDOMINAL IMAGING: TIPS, ENDOGRAFTS AND UNUSUAL PATHOLOGIES

Moderator: Leslie M. Scoutt, MD

4:20 – 4:28  “Tips” In Liver Doppler
Cindy A. Owen, RVT, RDMS

4:28 – 4:36  Duplex Findings In Fenestrated Aortic Endografts
R. Eugene Zierler, MD, RPVI

4:36 – 4:44  Unusual Intra-Abdominal Vascular Pathologies
Leslie M. Scoutt, MD

4:44 – 4:50  Panel Discussion (Combined Sessions 25 and 26)

SESSION 27

VENOUS THROMBOEMBOLISM AND HEMODIALYSIS ACCESS

Moderators: Mark A. Oliver, MD, RVT, RPVI
Joshua Cruz, RVT

4:50 – 4:58  The Role Of Alternate Anticoagulants In The Management Of VTE
Mark A. Oliver, MD, RVT, RPVI

4:58 – 5:06  Upper Extremity DVT: Is This A Real Threat For Pulmonary Embolism?
Amil P. Hingorani, MD

5:06 – 5:14  Mapping For AVF: What Is The Important Information?
Patricia (Tish) Poe, BA, RVT

5:14 – 5:22  Duplex Of Arteriovenous Fistulas: Is Quick Assessment Possible?
Dennis F. Bandyk, MD

SESSION 28

HANDS-ON REAL TIME IMAGING WITH THE EXPERTS – DIALYSIS ACCESS AND LOWER EXTREMITY ARTERIAL IMAGING

This will be a live scanning session designed to allow the audience to pose questions and interact with the speaker while the patient is being scanned.

Moderators: George L. Berdejo, BA, RVT
Joshua Cruz, RVT

5:22 – 5:34  Arterial Imaging Of The Lower Extremities
Natalie A. Marks, MD, RVT, RPVI

5:34 – 5:44  Mapping Prior To AV Access Creation
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

5:44 – 5:50  Closing Remarks And Raffle Drawing
(You Must Be Present To Win)
George L. Bedejo, BA, RVT

5:50  Symposium Ends
SAVE THE DATE!

Friday - Saturday, November 20-21, 2015

26th Symposium & Workshops on Management and Clinical Issues

Symposium Chair
George L. Berdejo, BA, RVT, FSVU
Natalie A. Marks, MD, RVT, RPVI

Symposium Co-Chair
Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
Laurence Needleman, MD
Frank J. Veith, MD

Honorary Chair
Anne M. Jones, RN, BSN, RVT, RDMS, FSVU, FSDMS

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NEW YORK HILTON-MIDTOWN
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Meeting Registration
(See Registration Form on reverse side)

Full Registration  Tuition
☐ Vascular Technologists  ☐ Sonographers.......................... $500
☐ Practicing Physicians ...................................................... $695
☐ Practicing Physicians Combination Rate -
  AVIDsymposium & VEITHsymposium ........................ $1899
   (Tuesday - Saturday)
☐ Nurse Practitioners  ☐ Physician Assistants ........................... $595
☐ Residents  ☐ Nurses ...................................................... $500
☐ Medical & Ultrasound Students* ................................... $175
   (Friday - Saturday)
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☐ Allied Health Care Professionals .............................. $650

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Phone: 800-987-9314, Ext. 200 or 718-549-3140
E-mail: registrar@avidsymposium.org or admin@avidsymposium.org

Updates: www.AVIDsymposium.org
**Fees**

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