

Friday - Saturday, November 18-19, 2011



Symposium Chairman **George L. Berdejo**, BA, RVT, FSVU

Symposium Co-Chairmen
Nicos Labropoulos, PhD, RVT
Sergio X. Salles-Cunha, PhD, RVT, FSVU
Frank J. Veith, MD

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



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22ND SYMPOSIUM AND WORKSHOPS ON MANAGEMENT AND CLINICAL ISSUES

FRIDAY - SATURDAY NOVEMBER 18 - 19, 2011

SYMPOSIUM CHAIRMAN

George L. Berdejo, BA, RVT, FSVU

SYMPOSIUM CO-CHAIRMEN

Nicos Labropoulos, PhD, RVT Sergio X. Salles-Cunha, PhD, RVT, FSVU Frank J. Veith, MD

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THE CENTER FOR CONTINUING EDUCATION

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GENERAL INFORMATION

NEEDS ASSESSMENT

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 agematched 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™ 22nd 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.

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.

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; and apply issues regarding Vascular Laboratory management, reimbursement and accreditation to their practice.

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 educational activity for a maximum of 15.25 AMA PRA Category 1 CreditsTM. 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 Council on Continuing Medical Education for Category 2 credit.

GENERAL INFORMATION

SOCIETY FOR VASCULAR ULTRASOUND CME CREDITS

For Vascular Technologists and Sonographers, Society for Vascular Ultrasound-Continuing Medical Education (SVU-CME) 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) or for accreditation with the Intersocietal Accreditation Commission (IAC).

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 to AVIDsymposium by e-mail to NYSymposia@aol.com, or by fax to (845) 368-2324, at least one month prior to the activity.

ONLINE ACCESS TO ABSTRACTS

All conference attendees will receive instructions on how to access and print out available meeting abstracts prior to the meeting. These abstracts will be available on the program/archives page of the AVIDsymposium web site at www.avidsymposium.org. Abstracts will be available on the web site for one full year.

HOTEL AND TRAVEL

A block of rooms has been reserved at the conference rate of \$379 plus taxes per night. This rate is available until the block is filled or until October 21, 2011. Please request the VEITH rate when reserving your accommodations.

Hilton New York (Symposium Site)

1335 Avenue of the Americas New York, NY 10019 (212) 586-7000 or 1-800-HILTONS (toll free U.S. only)

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ACKNOWLEDGMENTS

The Cleveland Clinic Foundation Center for Continuing Education and AVIDsymposium acknowledge educational grants in support of this activity from:





FRIDAY, NOVEMBER 18, 2011

7:00 A.M. General Registration —2nd Floor Promenade Faculty Registration — Morgan Suite, 2nd Floor

7:45 – 8:00 Welcome And Opening Remarks George L. Berdejo, BA, RVT

SESSION 1

PARAMETERS OTHER THAN VELOCITY IMPORTANT IN THE EVALUATION OF THE CAROTID PLAQUE AND ESTIMATION OF CAROTID STENOSIS (12-MINUTE TALKS)

Moderators: Evan C. Lipsitz, MD Laurence Needleman, MD

8:00 - 8:12	Carotid Stenosis Beyond The Peak Systolic Velocity:
	Introduction To The Session
	Laurence Needleman, MD
8:12 - 8:24	B-Mode Carotid Measurements Complement Routine
	Testing
	Sergio X. Salles-Cunha, PhD, RVT
8:24 - 8:36	Gray Scale Median Evaluation Of The Carotid Plaque
	Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
8:36 - 8:48	3D Reconstruction Of The Carotid Plaque
	Phillip J. Bendick, PhD, RVT
8:48 - 9:00	Panel Discussion

SESSION 2

9:00 - 9:30

OPTIMIZING THE PATIENT EVALUATION PRE AND POST ARTERIAL INTERVENTION (10-MINUTE TALKS)

Session Break / Visit Exhibits

Moderator:	Phillip J. Bendick, PhD, RVT
9:30 — 9:40	Evaluating The Patient With LE Arterial Occlusive Disease Combining Duplex Ultrasound Imaging With Physiologic Testing <i>Tish Poe, RVT</i>
9:40 - 9:50	A Review Of The Impact Of Simplified Exercise Testing Protocols On Lower Limb Arterial Studies Douglas L. Wooster, MD
9:50 -10:00	Detection Of Imminent Vein Graft Occlusion: What Is The Optimal Surveillance Program? Dennis F. Bandyk, MD
10:00 — 10:10	Duplex Ultrasound Surveillance To Detect EVAR Limb Stenosis Or Kinking Keith D. Calligaro, MD
10:10 -10:20	Treating Pseudoaneurysms And Closure Device Injury: Experience From More Than 350 Thrombin Injections <i>Jeffrey W. Olin, DO</i>
10:20 -10:30	Dialysis Access Mapping: My 5 Top Tips To Facilitate The Evaluation Joseph P. Hughes, RVS, RVT
10:30 -10:40	Panel Discussion
10:40 -10:45	Transition to Workshops - Americas Hall 2, 3rd Floor

(All Friday Workshops will be held in the Americas

Hall 2, 3rd Floor.)

SESSION 3

10:45 — 11:55	WORKSHOP ROTATION 1
RDOM 1	Carotid Artery Duplex Imaging Phillip J. Bendick, PhD, RVT
ROOM 2	Tips For Arterial Mapping Of The Lower Extremity <i>Tish Poe, RVT</i>
ROOM 3	Hemodialysis Access: Preoperative Mapping And Post Placement Assessment Joseph P. Hughes, RVS, RVT
ROOM 4	Upper And Lower Extremity Venous Duplex: Evaluation And Interpretation Mark A. Oliver, MD, RVT, RPVI
ROOM 5	Lower Extremity Reflux Testing Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
ROOM 6	Technical Tips For Renal Artery And Kidney Evaluation Robert De Jong, RDMS, RVT
ROOM 7	Preop Evaluation Of Venous Anatomy Prior To Endovenous Therapy (Hands-On) Joshua Cruz, RVT
RODM 8	Endovascular Imaging After AAA Billy Zang, BS, RVT, RDMS
11:55 - 1:10	Lunch On Your Own

SESSION 4

1:10 - 2:10	WORKSHOP ROTATION 2
ROOM 1	Carotid Artery Duplex Imaging Phillip J. Bendick, PhD, RVT
ROOM 2	Tips For Arterial Mapping Of The Lower Extremity <i>Tish Poe, RVT</i>
ROOM 3	Hemodialysis Access: Preoperative Mapping And Post Placement Assessment Joseph P. Hughes, RVS, RVT
ROOM 4	Upper And Lower Extremity Venous Duplex: Evaluation And Interpretation Mark A. Oliver, MD, RVT, RPVI
ROOM 5	Lower Extremity Reflux Testing Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
ROOM 6	Technical Tips For Renal Artery And Kidney Evaluation Robert De Jong, RDMS, RVT
ROOM 7	Preop Evaluation Of Venous Anatomy Prior To Endovenous Therapy (Hands-On) Joshua Cruz, RVT
ROOM 8	Endovascular Imaging After AAA Billy Zang, BS, RVT, RDMS
2:10 - 2:15	Transition to Plenary Sessions (Trianon Ballroom, 3rd Floor)

SESSION 5

ESTIMATION AND REPORTING OF CAROTID STENOSIS: IS CONSENSUS POSSIBLE? IS IT NECESSARY?

Moderators: Laurence Needleman, MD

2:15 – 2:25 Logic, Illogic, And Evidence In Carotid Diagnostic Criteria

Laurence Needleman, MD

Sergio X. Salles-Cunha, PhD, RVT

7

2:25 - 2:55Panel Discussion (This multidisciplinary Panel Discussion will debate and discuss the lack of standardization of criteria for the estimation of carotid stenosis.) Panelists: Dennis F. Bandyk, MD Phillip J. Bendick, PhD, RVT George L. Berdejo, BA, RVT Heather L. Gornik, MD Anne M. Jones, RN, BSN, RVT, RDMS Nicos Labropoulos, BSc (Med), PhD, DIC, RVT Evan C. Lipsitz, MD George H. Meier III, MD Gregory L. Moneta, MD Leslie M. Scoutt, MD 2:55 - 3:05Session Break / Visit Exhibits

SESSION 6

PRACTICE ENHANCEMENTS - PART 1: LAB MANAGEMENT, CUSTOMER SATISFACTION AND QUALITY ASSURANCE (9-MINUTE TALKS)

Moderators: George L. Berdejo, BA, RVT Anne M. Jones, RN, BSN, RVT, RDMS

3:05 - 3:14	Customer Service For The Sonographer Robert De Jong, RDMS, RVT
3:14 - 3:23	More On The Management Of Quality Assurance: Some Common Sense Approaches Laurence Needleman, MD
3:23 - 3:32	A Reader's Dilemma: What Constitutes An Interpretation, Looking At Worksheets / Looking At Images And Proving You Did Either Michael W. Schwebler, MBA, RVT David P. Parlato, BA, RVT
3:32 - 3:41	Structured Reporting: Who's Reading These Things Anyway? Michael W. Schwebler, MBA, RVT David P. Parlato, BA, RVT
3:41 - 3:50	Panel Discussion
3:50 - 4:20	Session Break / Visit Exhibits

SESSION 7

DIAGNOSIS AND MANAGEMENT OF CHRONIC VENOUS DISEASE (8-MINUTE TALKS)

(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. The faculty is comprised of internationally recognized experts in the field and key members of the American Venous Forum and the American College of Phlebology. All have a great interest in vein disease, are well published in the specialty and lecture both nationally and internationally.)

Moderators: Nicos Labropoulos, BSc (Med), PhD, DIC, RVT Evan C. Lipsitz, MD

/ 00 / 00	
4:20 - 4:28	Clinical Evaluation And Reporting In Patients With
	Chronic Venous Disease
	Peter J. Pappas, MD
4:28 - 4:36	Ultrasound Functional Anatomy Of The Lower
	Extremity Veins
	Nicos Labropoulos, BSc (Med), PhD, DIC, RVT

4:36 - 4:44	Optimizing The Ultrasound Examination In Patients With Chronic Venous Disease: The Physician's Perspective Nick Morrison, MD
4:44 - 4:52	Diagnosis And Clinical Importance Of Nonsaphenous Vein Reflux Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
4:52 - 5:00	Diagnosis And Treatment Of Pelvic Congestion Syndrome Antonios P. Gasparis MD
5:00 - 5:08	Ultrasound Guided Venous Procedures Antonios P. Gasparis, MD
5:08 - 5:16	How To Perfect Results When Treating Superficial Vein Disease Jose I. Almeida, MD, RVT
5:16 - 5:24	Utilizing "The Care Of CVD Patients" Guidelines Of SVS And AVF In Clinical Practice Peter Gloviczki, MD
5:24 - 5:45	Panel Discussion

SATURDAY, NOVEMBER 19, 2011

7:00 A.M. General Registration — 2nd Floor Promenade Faculty Registration — Morgan Suite, 2nd Floor

SESSION 8

ABDOMINAL AND VISCERAL IMAGING (9-MINUTE TALKS)

Moderator: George H. Meier III, MD

,	5 Top Tips For Renal Artery Imaging pert De Jong, RDMS, RVT
Re-	rasound Criteria For Renal Artery In-stent stenosis rey W. Olin, DO
Tra	cular Complications Post Liver And Renal nsplant lie M. Scoutt, MD
End	5 Top Tips For Duplex Ultrasound Surveillance Of doleak After Endovascular AAA Repair th Poe, RVT
	nel Discussion sion Break

SESSION 9

CURRENT CRITICAL GOVERNMENTAL, INTERSOCIETAL AND REIMBURSEMENT ISSUES (8-MINUTE TALKS)

(O MINOTE TALKS)	
Moderator:	Anne M. Jones, RN, BSN, RVT, RDMS
8:40 - 8:48	Session Introduction: Critical Issues In Vascular Ultrasound In 2011-2012: CARE Bill And Other Issues Impacting Your Profession And Practice Anne M. Jones, RN, BSN, RVT, RDMS
8:48 - 8:56	Top Five Most Crucial Issues For Vascular Ultrasound Reimbursement And Sustainability Of Your Vascular Lab Robert M. Zwolak, MD, PhD

8:56 — 9:04 What Can/Should Be Done To Address State Licensure In Your State: Strategies/Implications: A Case Study Based On The Oregon/NM Experience Michael P. Lilly, MD 9:04 — 9:12 SVU/SVS Government Relations Committee Five-Year Review Of Codes: How The Process May Impact Your Practice Favorably Or Unfavorably David P. Parlato, BA, RVT 9:12 — 9:20 Status Of The Society for Vascular Ultrasound: What Is Going On With The JVU, A Review Of The New Strategic Plan And Highlights Of The 2010 Annual Conference Michael W. Schwebler, MBA, RVT Tish Poe, RVT Accreditation And Certification Issues, Updates And Future Initiatives 9:20 — 9:28 American Registry of Diagnostic Medical Sonography (ARDMS) To Be Determined 9:28 — 9:36 Cardiovascular Credentialing International (CCI) Aaron White, BS 9:36 — 9:44 Intersocietal Accreditation Commission Sandra L. Katanick, RN, RVT, CAE 9:44 — 9:59 Panel Discussion SESSION 10 MORE ON CEREBROVASCULAR IMAGING (9-MINUTE TALKS) Moderator: Gregory L. Moneta, MD 9:59 —10:08 My 5 Most Common Interpretation Pitfalls In Carotid Duplex Ultrasound: How To Avoid Or Correct For Them Heather L. Gornik, MD 10:08 —10:17 My 5 Most Common Technical Pitfalls In Carotid Duplex Ultrasound: How To Avoid Or Correct For Them Phillip J. Bendick, PhD, RVT 10:17 —10:26 Strategic Use Of Carotid Duplex And CTA In The Diagnosis Of Carotid Occlusive Disease Richard C. Pennell, MD 10:28 —10:35 Duplex Ultrasound Evaluation Of Post Carotid Intervention Complications Leslie M. Scoutt, MD 10:35 —10:44 How To Diagnose Giant Cell Arteritis Nicos Labropoulos, BSC (Med.), PhD, DIC, RVT Antonios P. Gasparis, MD 10:44 —10:55 —11:00 Transition to Workshops (4th Floor) 10:55 —11:00 WORKSHOP ROTATION 3 (4th Floor) 10:55 —11:00 Transition to Workshops (4th Floor) 2. Billing And Coding Rita E. Shugart, RN, RVT		
9:04 - 9:12 SVU/SVS Government Relations Committee Five-Year Review Of Codes: How The Process May Impact Your Practice Favorably Or Unfavorably David P. Parlato, BA, RVT 9:12 - 9:20 Status Of The Society for Vascular Ultrasound: What Is Going On With The JVU, A Review Of The New Strategic Plan And Highlights Of The 2010 Annual Conference Michael W. Schwebler, MBA, RVT Tish Poe, RVT Accreditation And Certification Issues, Updates And Future Initiatives 9:20 - 9:28 American Registry of Diagnostic Medical Sonography (ARDMS) To Be Determined 9:28 - 9:36 Cardiovascular Credentialing International (CCI) Aaron White, BS 9:36 - 9:44 Intersocietal Accreditation Commission Sandra L. Katanick, RN, RVT, CAE 9:44 - 9:59 Panel Discussion SESSION 10 MORE ON CEREBROVASCULAR IMAGING (9-MINUTE TALKS) Moderator: Gregory L. Moneta, MD 9:59 - 10:08 My 5 Most Common Interpretation Pitfalls In Carotid Duplex Ultrasound: How To Avoid Or Correct For Them Heather L. Gornik, MD 10:08 - 10:17 My 5 Most Common Technical Pitfalls In Carotid Duplex Ultrasound: How To Avoid Or Correct For Them Phillip J. Bendick, PhD, RVT 10:17 - 10:26 Strategic Use Of Carotid Duplex And CTA In The Diagnosis Of Carotid Occlusive Disease Richard C. Pennell, MD 10:26 - 10:35 Duplex Ultrasound Evaluation Of Post Carotid Intervention Complications Leslie M. Scoutt, MD 10:35 - 10:44 How To Diagnose Giant Cell Arteritis Nicos Labropoulos, BSc (Med), PhD, DIC, RVT Antonios P. Gasparis, MD 10:44 - 10:55 Morkshop Rotation Application Process Sandra L. Katanick, RN, RVT, CAE 10:10 - 12:00 WORKSHOP ROTATION 3 (4th Floor) 11:00 - 12:00 WORKSHOP ROTATION 3 (4th Floor) 2. Billing And Coding	8:56 - 9:04	In Your State: Strategies/Implications: A Case Study Based On The Oregon/NM Experience
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(ARDMS) To Be Determined 9:28 - 9:36 Gardiovascular Credentialing International (CCI) Aaron White, BS 9:36 - 9:44 Intersocietal Accreditation Commission Sandra L. Katanick, RN, RVT, CAE 9:44 - 9:59 Panel Discussion SESSION 10 MORE ON CEREBROVASCULAR IMAGING (9-MINUTE TALKS) Moderator: Gregory L. Moneta, MD 9:59 -10:08 My 5 Most Common Interpretation Pitfalls In Carotid Duplex Ultrasound: How To Avoid Or Correct For Them Heather L. Gornik, MD My 5 Most Common Technical Pitfalls In Carotid Duplex Ultrasound: How To Avoid Or Correct For Them Phillip J. Bendick, PhD, RVT 10:17 -10:26 Strategic Use Of Carotid Duplex And CTA In The Diagnosis Of Carotid Occlusive Disease Richard C. Pennell, MD 10:26 -10:35 Duplex Ultrasound Evaluation Of Post Carotid Intervention Complications Leslie M. Scoutt, MD 10:35 -10:44 How To Diagnose Giant Cell Arteritis Nicos Labropoulos, BSc (Med), PhD, DIC, RVT Antonios P. Gasparis, MD Panel Discussion Transition to Workshops (4th Floor) SESSION 11 11:00 -12:00 WORKSHOP ROTATION 3 (4th Floor) 1. Getting Started With The ICAVL Accreditation And Reaccreditation Application Process Sandra L. Katanick, RN, RVT, CAE 2. Billing And Coding		_
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Intervention Complications Leslie M. Scoutt, MD How To Diagnose Giant Cell Arteritis Nicos Labropoulos, BSc (Med), PhD, DIC, RVT Antonios P. Gasparis, MD Panel Discussion Transition to Workshops (4th Floor) SESSION 11 WORKSHOP ROTATION 3 (4th Floor) 1. Getting Started With The ICAVL Accreditation And Reaccreditation Application Process Sandra L. Katanick, RN, RVT, CAE HARLEM SUITE Leslie M. Scoutt, MD WORKSHOP ROTATION 3 (4th Floor) 1. Getting Started With The ICAVL Accreditation And Reaccreditation Application Process Sandra L. Katanick, RN, RVT, CAE 2. Billing And Coding	10:17 -10:26	Diagnosis Of Carotid Occlusive Disease
HARLEM SUITE How To Diagnose Giant Cell Arteritis Nicos Labropoulos, BSc (Med), PhD, DIC, RVT Antonios P. Gasparis, MD Panel Discussion Transition to Workshops (4th Floor)	10:26 -10:35	Intervention Complications
10:44 – 10:55 10:55 – 11:00 Panel Discussion Transition to Workshops (4th Floor) SESSION 11 11:00 – 12:00 MIDTOWN SUITE WORKSHOP ROTATION 3 (4th Floor) 1. Getting Started With The ICAVL Accreditation And Reaccreditation Application Process Sandra L. Katanick, RN, RVT, CAE 4. Billing And Coding	10:35 -10:44	How To Diagnose Giant Cell Arteritis Nicos Labropoulos, BSc (Med), PhD, DIC, RVT
WORKSHOP ROTATION 3 (4th Floor) MIDTOWN SUITE Getting Started With The ICAVL Accreditation And Reaccreditation Application Process Sandra L. Katanick, RN, RVT, CAE HARLEM SUITE 2. Billing And Coding		Panel Discussion
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HARLEM SUITE 2. Billing And Coding		1. Getting Started With The ICAVL Accreditation And Reaccreditation Application Process
	HARLEM SUITE	2. Billing And Coding

HUDSON SUITE	3. Carotid, Venous And Arterial Complication And Interesting Cases Mark A. Oliver, MD, RVT, RPVI Heather L. Gornik, MD Laurence Needleman, MD Leslie M. Scoutt, MD	
EAST SUITE	4. Technical Tips On Pre, Peri And Post Ultrasound Guided Endovascular Interventions Joshua Cruz, RVT	
NEW YORK SUITE	5. Laboratory Management And Practice Enhancements Michael W. Schwebler, MBA, RVT David P. Parlato, BA, RVT	
LINCOLN SUITE	6. Transcranial Doppler Joseph P. Hughes, RVS, RVT	
HOLLAND SUITE	7. Critical Issues Forum Anne M. Jones, RN, BSN, RVT, RDMS	
12:00 - 1:15	Lunch On Your Own	
PRACTICE ENHANCEMENTS - PART 2: ISSUES RELATED TO TRAINING, EDUCATION, COST, EFFICIENCY, PRODUCTIVITY AND OTHER IMPORTANT CONCEPTS IN VASCULAR ULTRASOUND (12-MINUTE TALKS)		
Moderators	s: George L. Berdejo, BA, RVT	
	Michael W. Schwebler, MBA, RVT	
1:15 — 1:27	Point/Counter Point: Dedicated Vascular Or Echo vs. Hybrid Cardiovascular Technologist: Issues Related To Education And Training Terrence D. Case, EdM, RVT	
1:27 - 1:39	Training And Education Of The Ultrasound Student Frank Miele, MSEE	
1:39 — 1:51	Review Of The Impact Of The Various Consensus Guidelines On The Practice Of Vascular Ultrasound Douglas L. Wooster, MD	
1:51 — 2:03	PACS, Structured Reporting, Electronic Medical Record Designed For Data Mining: How To Maximize Your Productivity And Analyze Your Experience David P. Parlato, BA, RVT	
2:03 - 2:15	Does Your Lab Make Money? Building An Income Statement Michael W. Schwebler, MBA, RVT	
2:15 - 2:27	The Value Of Good Ergonomics In The Vascular Lab: Preventing Work Related Injuries Anne M. Jones, RN, BSN, RVT, RDMS	
2:27 - 2:40 2:40 - 2:50	Panel Discussion Session Break	
VENOUS IMAGING, ASSESSMENT AND TREATMENT OF VENOUS THROMBOSIS OF THE LOWER EXTREMITIES (10-MINUTE TALKS)		
	Mark A. Oliver, MD, RVT, RPVI	
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What Is Chronic DVT And How Do You Define And

2:50 - 3:00

Recognize This?

Mark A. Oliver, MD, RVT, RPVI

3:00 - 3:10	Role Of The Perforator Veins In Chronic Venous	
	Insufficiency	
	Phillip J. Bendick, PhD, RVT	
3:10 - 3:20	IVUS vs. Contrast Venography In The Assessment Of	
	Iliac Vein Disease Anil P. Hingorani, MD	
3:20 - 3:30	CTA, CTV And Ultrasound In The Diagnosis Of Venous Thromboembolism Related To Pulmonary Embolism: Is Duplex Over-Utilized, What Is The Optimal Approach? Gregory L. Moneta, MD	
3:30 - 3:40	Venous Duplex Scanning For Suspected Deep Vein Thrombosis: Results Before And After Elimination Of After-Hours Studies: Is On-Call Coverage A Waste Of Time, Resources And Money? Nicos Labropoulos, BSc (Med), PhD, DIC, RVT	
3:40 - 4:00	Panel Discussion	
4:00 - 4:10	Session Break	
SESSION 14 MISCELLANEOUS TOPICS IN VASCULAR ULTRASOUND (9-MINUTE TALKS)		
	1	
Moderator	Sergio X. Salles-Cunha, PhD, RVT	
Moderator. 4:10 - 4:19		
	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound	
4:10 - 4:19	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab:	
4:10 - 4:19 4:19 - 4:28 4:28 - 4:37	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound Billy Zang, BS, RVT, RDMS Improving Cardiovascular Risk Assessment: Use Of IMT, Brachial Artery Reactivity And Plaque	
4:10 - 4:19 4:19 - 4:28	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound Billy Zang, BS, RVT, RDMS Improving Cardiovascular Risk Assessment: Use Of IMT, Brachial Artery Reactivity And Plaque Characterization	
4:10 - 4:19 4:19 - 4:28 4:28 - 4:37	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound Billy Zang, BS, RVT, RDMS Improving Cardiovascular Risk Assessment: Use Of IMT, Brachial Artery Reactivity And Plaque Characterization Phillip J. Bendick, PhD, RVT Causes Of Leg Pain And Swelling Other Than DVT	
4:10 - 4:19 4:19 - 4:28 4:28 - 4:37 4:37 - 4:46	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound Billy Zang, BS, RVT, RDMS Improving Cardiovascular Risk Assessment: Use Of IMT, Brachial Artery Reactivity And Plaque Characterization Phillip J. Bendick, PhD, RVT Causes Of Leg Pain And Swelling Other Than DVT Leslie M. Scoutt, MD Noninvasive Evaluation For CCSVI (Chronic Cerebro-Spinal Venous Insufficiency) Phillip J. Bendick, PhD, RVT Real-Time Ultrasound-Guided Subclavian Vein Cannulation vs. The Landmark Method In Critical Care Patients: Technique And Rationale	
4:10 - 4:19 4:19 - 4:28 4:28 - 4:37 4:37 - 4:46 4:46 - 4:55	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound Billy Zang, BS, RVT, RDMS Improving Cardiovascular Risk Assessment: Use Of IMT, Brachial Artery Reactivity And Plaque Characterization Phillip J. Bendick, PhD, RVT Causes Of Leg Pain And Swelling Other Than DVT Leslie M. Scoutt, MD Noninvasive Evaluation For CCSVI (Chronic Cerebro-Spinal Venous Insufficiency) Phillip J. Bendick, PhD, RVT Real-Time Ultrasound-Guided Subclavian Vein Cannulation vs. The Landmark Method In Critical Care	
4:10 - 4:19 4:19 - 4:28 4:28 - 4:37 4:37 - 4:46 4:46 - 4:55 4:55 - 5:05	The Best Noninvasive Test: A Good History And Physical Tish Poe, RVT The Role For Fusion Imaging In The Vascular Lab: Combining CT And MR With Ultrasound Billy Zang, BS, RVT, RDMS Improving Cardiovascular Risk Assessment: Use Of IMT, Brachial Artery Reactivity And Plaque Characterization Phillip J. Bendick, PhD, RVT Causes Of Leg Pain And Swelling Other Than DVT Leslie M. Scoutt, MD Noninvasive Evaluation For CCSVI (Chronic Cerebro-Spinal Venous Insufficiency) Phillip J. Bendick, PhD, RVT Real-Time Ultrasound-Guided Subclavian Vein Cannulation vs. The Landmark Method In Critical Care Patients: Technique And Rationale Nicos Labropoulos, BSc (Med), PhD, DIC, RVT	

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