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2017 NONINVASIVE VASCULAR IMAGING

SAM session is available at this meeting

MARCH 31 – APRIL 1, 2017

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12.25 AMA PRA Category 1 Credit(s)TM

IAC ACCREDITATION: All or a portion of this educational activity may meet the CME requirements for IAC Vascular Testing accreditation.



ABOUT THE MEETING

This seminar offers a comprehensive review of recent developments and issues in noninvasive vascular imaging. Faculty will discuss state-of-the-art ultrasound and Doppler techniques used to evaluate the cerebrovascular, abdominal and peripheral vascular systems. In addition, diagnostic pearls and pitfalls, credentialing requirements, venous testing and the clinical applications of transcranial Doppler are discussed. Live scanning demonstrations included in the program are designed to enhance the didactic lectures. Faculty have been chosen for the expertise and outstanding teaching abilities.



TARGET AUDIENCE

This CME Teaching Activity is intended and designed to offer educational opportunities to radiologists, vascular surgeons, cardiologists, sonographers, technologists and other clinicians interested in learning more about noninvasive vascular ultrasound.

SCIENTIFIC SPONSOR

Educational Symposia

ACCREDITATION

Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 12.25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit www.edusymp.com or call 1-800-338-5901 regarding the availability of Category A CE credit.

ARDMS Sonographer/Vascular Technologists: *AMA PRA Category 1 Credits*[™] meet the requirements of the Accepted Continuing Education Evaluation Model System (AACCEMS) Checklist of the American Registry for Diagnostic Medical Sonography (ARDMS).

This service is not affiliated with or endorsed by ARDMS.

EDUCATIONAL OBJECTIVES

Attendees should, at the completion of this course, be able to:

- Discuss the newest techniques in the noninvasive diagnosis of endovascular disease, including venous and carotid imaging.
- Assess new developments in vascular imaging.
- Discuss the utility of ultrasound and Doppler imaging when used to evaluate the aorta, carotid arteries, and peripheral vascular system.
- Utilize ultrasound to evaluate abdominal transplants, endostents and dialysis fistula .
- Utilize ultrasound to evaluate the venous system of the upper and lower extremities.
- Describe the appropriate role of ultrasound in the evaluation of the renal and hepatic arteries.

No special educational preparation is required for this CME activity.

COURSE ORGANIZATION

This program is planned and organized by Educational Symposia, a leader in continuing medical education since 1975.

ACKNOWLEDGEMENT

Educational Symposia appreciates our corporate supporters and exhibitors. A list of industry supporters will be provided and acknowledged at the meeting.

CANCELLATIONS

Cancellations must be received in writing. A \$50 processing fee will be applied to all cancellations. Refunds requested in writing prior to **March 3, 2017** will be issued for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after that date.

REGISTRATION INFORMATION

Tuition for live conference includes all course materials, an electronic color course syllabus (printed color syllabus available for \$95), daily continental breakfasts and coffee breaks. Early registration is strongly suggested. There will be a \$100 surcharge for anyone registering after **March 22, 2017**. Minimum and maximum attendance levels have been established for this meeting. If your registration cannot be accepted, you will be issued a full tuition refund.

Tuition for live webcast includes participation for one registrant. Each registrant must sign-in on a separate computer to receive credit. Prior to the meeting we will send you further information about the log in process. We will also send you an electronic color course syllabus via email. If you have any questions or problems logging into the meeting we will have support personnel available at (800) 338-5901. There will be a \$100 surcharge for anyone registering after **March 22, 2017**.

Please note: A minimum number of registrants is required to live webcast this course. If the minimum number is not met by **March 3, 2017** the live webcast activity may be cancelled and a full refund issued.

WEBCAST REQUIREMENTS

Visit the Help Center at www.edusymp.com/site/help to review the computer and internet requirements for viewing live webcast meetings.

4 EASY WAYS TO REGISTER



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www.edusymp.com

We Accept



MAIL

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Educational Symposia
5620 West Sligh Avenue
Tampa, Florida 33634-4490

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(800) 344-0668 (U.S. & Canada)
(813) 806-1001

PHONE

(800) 338-5901 (U.S. & Canada)
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Reduce your mail clutter or just add email announcements. Please visit the "Mailing List" section of our website at www.edusymp.com.

DISCLAIMER: Educational Symposia (ESI) as planner and presenter of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel's responsibility is limited to that of an agent.

SPECIAL NOTE FOR THE DISABLED: Educational Symposia wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (800) 338-5901 or (813) 806-1000.



FACULTY

PROGRAM DIRECTOR

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Larry N. Raber, RDMS, RVT,RT(R)

*Neurovascular Laboratory Manager/Imaging Institute
Cleveland Clinic
Cleveland, OH*

PROGRAM

FRIDAY, MARCH 31, 2017

**7:00 – 8:00 AM Registration and
Continental Breakfast
for Registrants**

Carotid Duplex

8:00 – 8:10 Welcome and Announcements
Heather L. Gornik, M.D., RVT, RPVI

**8:10 – 8:40 Fundamentals of the Carotid
Duplex Examination**
Heather L. Gornik, M.D., RVT, RPVI

**8:40 – 8:55 Carotid Artery Disease -
Beyond Atherosclerotic
Disease**
Esther S. H. Kim, M.D., MPH, RPVI

**8:55 – 9:25 The Fundamentals
TCD - TCI**
Larry N. Raber, RDMS, RVT, RT(R)

**9:25 – 9:55 Carotid Duplex Following
Endarterectomy and Stenting**
*Steven A. Leers, M.D., RVT, RPVI,
FSVU*

**9:55 – 10:15 Coffee Break for
Registrants**

**10:15 – 10:30 Assessment of Aortic Vessels
and Vertebral Arteries in the
Vascular Lab**
Heather L. Gornik, M.D., RVT, RPVI

**10:30 – 11:00 Panel: Our Most Challenging
Cases of the Past Few Years:
Carotid Duplex Exams**
Moderator:
Heather L. Gornik, M.D., RVT, RPVI

Panelists:
*Esther S. H. Kim, M.D., MPH, RPVI
Steven A. Leers, M.D., RVT, RPVI,
FSVU
Larry N. Raber, RDMS, RVT, RT(R)*

**11:00 – 11:15 Extracranial Carotid
Live Scanning**
Larry N. Raber, RDMS, RVT, RT(R)

Discussants:
*Heather L. Gornik, M.D., RVT, RPVI
Esther S. H. Kim, M.D., MPH, RPVI*

11:15 – 1:00 PM Lunch on Your Own

If you receive more than one brochure,
please pass the extra along
to a colleague.

FRIDAY, MARCH 31, 2017 (continued)

Peripheral Arterial Duplex

- 1:00 – 1:30 Physiological Testing for Claudication and Lower Extremity Peripheral Artery Disease
Steven Leers, M.D., RVT, RPVI, FSVU
- 1:30 – 2:00 Lower Extremity Arterial Duplex for Assessment of Native Arteries, Bypass Grafts, and Stents
Ann Marie Kupinski, Ph.D., RVT
- 2:00 – 2:15 Recap of the Updated ACC/AHA Guidelines on Peripheral Artery Disease – What the Vascular Clinician Should Know
Heather L. Gornik, M.D., RVT, RPVI
- 2:15 – 2:30 Ultrasound Imaging of Arterial Access Complications – Pseudoaneurysms, AVF and Others
Esther S. H. Kim, M.D., MPH, RPVI
- 2:30 – 2:45 Coffee Break for Registrants**
- 2:45 – 3:15 Vascular Lab Assessment of Upper Extremity Arterial Disorders and Zebra Lower Extremity Arterial Disorders
Esther S. H. Kim, M.D., MPH, RPVI
- 3:15 – 3:45 Our Most Challenging Cases of the Past Few Years: Arterial Examinations
Moderator:
Heather L. Gornik, M.D., RVT, RPVI
Panelists:
Esther S. H. Kim, M.D., MPH, RPVI
Steven Leers, M.D., RVT, RPVI, FSVU
Natalie Marks, M.D.
- 3:45 – 4:00 Arterial Duplex Live Scanning
Ann Marie Kupinski, Ph.D., RVT
Discussants:
Steven Leers, M.D., RVT, RPVI, FSVU
Natalie Marks, M.D.

FRIDAY, MARCH 31, 2017 (continued)

Maximizing Quality in the Vascular Lab

- 4:00 – 4:15 Spotlight on Vascular Lab Quality: What the Vascular Lab Professional Should Know About Accreditation and Certification
Steven Leers, M.D., RVT, RPVI, FSVU
- 4:15 – 4:45 Recognizing Common Artifacts and Interpretive Pitfalls in Carotid and Arterial Testing
Ann Marie Kupinski, Ph.D., RVT
- 4:45 – 5:00 Question and Answer Session
Faculty
- 5:00 End of Session**

SATURDAY, APRIL 1, 2017

7:30 – 8:00 AM Continental Breakfast for Registrants

Venous Testing

- 8:00 – 8:10 Morning Announcements
Heather L. Gornik, M.D., RVT, RPVI
- 8:10 – 8:40 Venous Duplex for Assessment of Lower Extremity DVT and Suspected PE. Guidelines, Algorithms, and Nuts and Bolts of the Exam
Nirvikar (Nirvi) Dahiya, M.D.
- 8:40 – 8:55 Acute Versus Chronic DVT – How Do You Tell?
Heather L. Gornik, M.D., RVT, RPVI
- 8:55 – 9:10 Upper Extremity Venous Evaluation
Ann Marie Kupinski, Ph.D., RVT
- 9:10 – 9:25 Venous Duplex Assessment for Reflux and Role in Planning Venous Ablation Procedures
Steven Leers, M.D., RVT, RPVI, FSVU

SATURDAY, APRIL 1, 2017 (continued)

- 9:25 – 9:40 Duplex Guidance for Foam Sclerotherapy Helps Provide Best Clinical and Aesthetic Results
Natalie Marks, M.D.
- 9:40 – 10:00 Our Most Challenging Cases of the Past Few Years: Venous Duplex Exams
Moderator:
Heather L. Gornik, M.D., RVT, RPVI
Panelists:
Nirvikar (Nirvi) Dahiya, M.D.
Heather L. Gornik, M.D., RVT, RPVI
Esther S. H. Kim, M.D., MPH, RPVI

10:00 – 10:15 **Coffee Break for Registrants**

Advanced Applications

- 10:15 – 10:45 Advanced TCD Applications and Cases –Embolic Monitoring, TCD Bubble Studies, and Assessment of Cerebrovascular Reserve
Larry N. Raber, RDMS, RVT, RT(R)
- 10:45 – 11:15 Hemodialysis Access Evaluation – Pre and Post
Ann Marie Kupinski, Ph.D., RVT
- 11:15 – 11:30 Making the Case for Duplex Guided Arterial Procedures – BAM, Lower Extremity Angioplasty, and other
Natalie Marks, M.D.
- 11:30 – 11:45 Non-Vascular Entities the Vascular Reader Must Know (Incidentals, Mimics)
Nirvikar (Nirvi) Dahiya, M.D.

SATURDAY, APRIL 1, 2017 (continued)

- 11:45 – 12:00 PM Live TCD Scan
Larry N. Raber, RDMS, RVT, RT(R)
Panelists:
Heather L. Gornik, M.D., RVT, RPVI
Ann Marie Kupinski, Ph.D., RVT

12:00 – 1:00 **Lunch On Your Own**

Abdominal Vascular

SAM SESSION	
1:00 – 1:30	Assessment for Renal and Mesenteric Artery Stenosis and Renal Transplants <i>Heather L. Gornik, M.D., RVT, RPVI</i>
1:30 – 2:00	Assessment of Abdominal Aortic Aneurysm and Duplex Following AAA Repair <i>Esther S. H. Kim, M.D., MPH, RPVI</i>
2:00 – 2:30	Hepatoportal Examination and Evaluation of Hepatic Transplants <i>Nirvikar (Nirvi) Dahiya, M.D.</i>

- 2:30 – 2:45 Live Abdominal Duplex Exam and Anatomy Review
Ann Marie Kupinski, Ph.D., RVT
Panelists:
Nirvikar (Nirvi) Dahiya, M.D.
Heather L. Gornik, M.D., RVT, RPVI
Steven Leers, M.D., RVT, RPVI, FSVU

2:45 **End of Course**

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SPACE IS LIMITED - RESERVE TODAY:

Visit edusymp.com and search **NIV17** to visit the accommodations page for additional hotel information.

Call for Reservations: (877) 385-3885 or (866) 659-9659 and provide Group Code RCMER or “Non Invasive Vascular Imaging Symposium”.



Group Room Rates Start At... \$209.00/nt. (single/double occupancy)

Cost for additional person over double occupancy is \$35 for 3rd and 4th person. Children under 12 stay free when sharing a room with an adult.

Room preference: King bed/Two queen beds (upon availability) – Smoking/Non-smoking

HOTEL TAX: 12%

HOTEL CUT-OFF DATE: MARCH 8, 2017

(group rates 3 days prior/post – space available basis).

RESORT FEE: \$35.00 per room, per day applies.

DEPOSIT POLICY: A deposit of one (1) night's room rate plus tax will be charged at time of reservation to guarantee accommodations.

CANCELLATION POLICY: All cancellations, arrival and departure date changes must be made 72 hours or more prior to scheduled arrival date/time to avoid penalties. Check in time is: 3:00 PM; Check out time is: 11:00 AM.

HOTEL: 3355 Las Vegas Blvd, South Las Vegas, Nevada 89109
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Meeting Registration Form:	Noninvasive Vascular Imaging MARCH 31 - APRIL 1, 2017 • The Venetian® The Palazzo® • Las Vegas, NV	NIV17
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REGISTER ONLINE: WWW.EDUSYMP.COM		TUITION: LIVE MEETING		TUITION: LIVE WEBCAST	
Attendance is limited; therefore, early registration is strongly suggested.		Check Meeting Registration below: INCLUDES ELECTRONIC COLOR SYLLABUS		Please check your selection below: INCLUDES ELECTRONIC COLOR SYLLABUS ONLY	
		On or Before 12/31/16	After 12/31/16	On or Before 12/31/16	After 12/31/16
<input type="checkbox"/> Physicians <input type="checkbox"/> Scientists <input type="checkbox"/> Company Personnel		<input type="checkbox"/> \$750	<input type="checkbox"/> \$895	<input type="checkbox"/> ADD Printed Color Syllabus \$95	<input type="checkbox"/> \$750 <input type="checkbox"/> \$895
50% OFF <input type="checkbox"/> Fellows / Residents*		<input type="checkbox"/> \$375	<input type="checkbox"/> \$448		<input type="checkbox"/> \$375 <input type="checkbox"/> \$448
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1st 10 Active Duty Military Personnel* ATTEND FOR FREE					
There will be a \$100 surcharge for anyone registering after March 22, 2017.		*MUST ENCLOSE OR FAX LETTER FROM YOUR DIRECTOR CERTIFYING STATUS.			

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