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Penn State Hershey 7th Annual Vascular **ULCERATED** Saturday, May 4, 2013 Hershey Lodge 325 University Drive Hershey, Pennsylvania 17033 PENNSTATE HERSHEY Heart and Vascular Institute A continuing education service of Penn State College of Medicine

PENN STATE MILTON S. HERSHEY MEDICAL CENTER DEPARTMENT OF CONTINUING EDUCATION G220 THE PENNSYLVANIA STATE UNIVERSITY HERSHEY, PA 17033-0851 PO. BOX 851

Purpose/Audience

This program will provide an educational opportunity for physicians, nurses, ultrasonographers, and other health-care professionals wishing to increase their knowledge about vascular procedures and noninvasive diagnostic procedures. It will provide a venue for vascular health-care professionals to learn and discuss best practices and emerging trends.

Credit

Penn State College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Penn State College of Medicine designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credit(s)TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses will receive a certificate from Penn State College of Medicine verifying their completion of this approved continuing medical education activity. Continuing education activities which are approved by accredited institutions of higher education and that are relevant to patient care or professional nursing meet the requirements of mandatory continuing education for registered nurses in Pennsylvania, as required by the Pennsylvania State Board of Nursing. The Board of Nursing recommends that nurses retain their certificates for a period of at least five years. Additional information is available through the State Board of Nursing at www.dos.state.pa.us/nurse.

Penn State has approved the conference for 0.6 Continuing Education Units (CEUs).

It is our policy to ensure balance, independence, objectivity, and scientific rigor in all of our sponsored educational programs. Faculty and course directors have disclosed relevant financial relationships with commercial companies, and Penn State has a process in place to resolve any conflict of interest. Complete faculty disclosure will be provided to program participants at the beginning of the activity.





Fees

Early bird registration before or on March 29, 2013:

- Physicians, \$99/person
- Sonographers, \$69/person
- Other allied health professionals, \$69/person

<u>PLEASE NOTE:</u> The Continuing Education Office must receive <u>payment</u> by March 29 for you to be an early bird registrant.

Registration after March 29, 2013:

- Physicians, \$119/person
- Sonographers, \$89/person
- Other allied health professionals, \$89/person

The fee for sonography students is \$45/person. There is no early bird fee structure for students*.

* Must include a letter verifying student status

The fee includes instruction, handout materials, break refreshments, and lunch.

Registration

Register online, by fax, or by mail. Registrations will be confirmed by email upon receipt of payment, authorization to bill, or a credit card guarantee. If you do not receive a confirmation from Penn State within two weeks, phone 717-531-6483 to confirm your registration. Walk-ins and late registrations can be accepted only if space is available.

Cancellation Policy

Cancellations received later than April 26, 2013, will be assessed a \$25 processing fee. No refunds will be made for cancellations received after May 1, 2013. Substitutes are accepted at any time.

Please provide a cell phone number so we can reach you in the event of last-minute change or cancellation. The University reserves the right to cancel or postpone any course or activity because of insufficient enrollment or other unforeseen circumstances.

If a program is canceled or postponed, the University will refund registration fees but cannot be held responsible for any related costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Preregistered participants will be notified if a program is filled or canceled.

Accommodations

Accommodations are the responsibility of the program participant. A list of area accommodations is available upon request or online at **pennstatehershey.org/web/guest/patientcare/patientvisitorinformation/lodging.**

Program			
<u>NOTE:</u> The bulleted items found in the program are the learner objectives for the sessions.			
7:30 a.m.	Registration/Continental Breakfast		
8:00	Welcoming Remarks Robert G. Atnip, MD, RPVI* Professor of Surgery and Radiology, Division of Vascular Surgery Medical Director, Vascular Diagnostics Penn State Hershey Heart & Vascular Institute		
8:15	Save Yourself—Ergonomics and MSK Injuries in Sonography Amanda Bornais, BS, RVT, EMT-P* Clinical Program Coordinator, Vascular		

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limicai Program Coordinator, Vascular Diagnostics Penn State Hershey Heart & Vascular Institute

- Recognize patient body mechanics and how to image a patient in comfort
- Discuss the impact of musculoskeletal disorders and how to minimize them in the workplace

8:45 Arterial Physiologic Studies versus Arterial Duplex to Optimize Lab Efficiency and **Diagnostic Accuracy**

Marsha Neumyer, BS, RVT, FSVU International Director Vascular Diagnostic Educational Services Division of Inside/Outside LLC Harrisburg, Pennsylvania

- Differentiate the diagnostic information commonly obtained from arterial physiologic test procedures and extremity arterial duplex imaging
- Design a diagnostic algorithm for lower extremity arterial evaluations that will optimize laboratory efficiency and diagnostic accuracy

9:15 **DVT Controversies**

Salvatore Larusso, MEd, RDMS, RT(R)* Chief Sonographer/ Senior Instructor, Ultrasound

- Determine the stage of a clot in respect to
- Recognize when calf DVT needs to be treated

9:45 Morning Break

10:00 Hands on Imaging and Ergonomic Workshops

- Practice imaging skills with the assistance of trained sonographers especially modalities in lecture topics, carotid, dialysis access, ergonomics and upper extremity venous examinations
- Use new protocol information in practice

11:00 **KEYNOTE PRESENTATION**

Development and Application of Carotid Duplex Interpretation Criteria: **Complexities and Controversies**

Patricia A. Poe, BA, RVT, FSVU Director, Noninvasive Vascular Lab Services Division of Vascular Surgery University of Cincinnati Physicians Cincinnati, Ohio

- Identify a variety of accepted criteria developed for carotid duplex interpretation
- Compare utility of varying criteria systems
- Apply a reasoned approach to selecting and utilizing interpretation criteria in your vascular laboratory

12:00 noon Lunch

1:00 p.m. Hemodynamics Review

Robert Atnip, MD, RPVI*

- Describe at least three fundamental hemodynamic principles
- Describe how normal hemodynamics are affected by arterial occlusive and aneurysmal disease

1:30 **Duplex Imaging of Dialysis Access**

Judith W. Cook, MD* Vascular Surgeon Penn State Hershey Medical Group Camp Hill, Pennsylvania Penn State Hershey Heart & Vascular Institute

- Examine flow volumes in assessment of dialysis access
- Discuss the variety of AVF and accurately diagnose flow limiting stenosis

2:00 Afternoon Break

2:15 Venous Reflux Current Practices

Amy B. Reed, MD, FACS*

Associate Professor of Surgery; Chief, Division of Vascular Surgery Penn State Hershey Heart & Vascular Institute

- Describe the need for specific protocol for venous reflux and improve quality of information for physicians
- Assist physicians with determining treatment of patients with DVT or STP

2:45 Hands on Imaging and Ergonomic Workshops

- Demonstrate imaging skills with assistance of trained sonographers, especially modalities in lecture topics, carotid, dialysis access, ergonomics, upper extremity venous examinations
- Describe new protocol information used in practice

3:45 Program Evaluation/Adjournment

* Penn State Milton S. Hershey Medical Center, Penn State College of Medicine

Access

Penn State encourages qualified persons with disabilities to participate in its program and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Continuing Education at least one week prior to your visit.

For More Information or to Register Online

- Call: 717-531-6483
- Email: ContinuingEd@hmc.psu.edu
- Web: pennstatehershey.org/ce

This publication is available in alternative media on request.

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VASCULAR ULTRASOUND SYMPOSIUM May 4, 2013 • E5209-13-Y

Register online, by fax, or by mail. If you do not receive a confirmation from Penn State within two weeks, call our office to confirm. Walk-ins and late registrations are accepted only if space is available. Please provide both daytime and cell phone numbers so we can contact you should last-minute changes occur.

Name (first name, M.I., last name	Degree(s)/	'Credentials
Email (Print legibly. Used for confirmation, materials.)	registration status,	and prograr
Home Address	☐ Male	☐ Female
City	State	Zip Code
Daytime Phone Cell Phone (for la	st-minute change/c	ancellation
Hospital or Organization	Specia	lty/Position
Street Address (HMC/COM employees—pro	ovide dept. name/ma	ail code)
City	State	Zip Cod
Special Needs (dietary, access, etc.)		
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P.O. Box 851, Hershey, PA 17033-0851

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