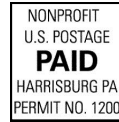


Department of Anesthesiology - H187
PO Box 850
Hershey, PA 17033-0850
Phone: 717-531-6597
Fax: 717-531-7790
pennstatehershey.org/anesthesia



Return Service Requested



3rd Annual Ultrasound-Guided Regional Anesthesia Cadaver Course



Saturday and Sunday, June 8-9, 2013

The Julien F. Biebuyck Faculty and Alumni Library, Room C2860

Biomedical Research Building

Penn State Milton S. Hershey Medical Center

Hershey, Pennsylvania

**A continuing education service of Penn State College of Medicine
Department of Anesthesiology**



For More Information or to Register Online

Call: 717-531-6483

email: ContinuingEducation@hmc.psu.edu

Web: pennstatehershey.org/ce or visit pennstatehershey.org/anesthesia

Administrative Contact Linda Sanger

Penn State College of Medicine

Department of Anesthesia

717-531-4264

lsanger@hmc.psu.edu

Purpose

This program is designed to enable participants to: review the anatomy of the peripheral nerves, ergonomics, and physics with reference to the use of ultrasound; establish clinical skills and attitudes appropriate for basic ultrasound-guided peripheral nerve blocks; and acquire hands-on experience with cadavers/phantoms and volunteers in laboratory settings.



Audience

Anesthesia residents and fellows with an interest in regional anesthesia as well as practicing anesthesiologists will benefit from the content.

Objectives

Upon completion, participants should be able to:

- Differentiate the ultrasound images of vessels, peripheral nerves, tendons, and nerve plexus and discuss methods to improve decrement of the ultrasound image quality to achieve the best benefit from the technique.
- List the benefits of using real time, ultrasound guidance for regional anesthesia administration.
- Demonstrate proficient and appropriate use of ultrasound scanning in identifying specific targets such as anatomy of the needle, nerve structure, or surrounding vital organs pertinent to peripheral nerve block.
- Acquire hands-on nerve scanning skills and hand-eye coordination and needling skills.
- Handle ultrasound equipment while performing needle placement, identify, and differentiate anatomic structures imaged with ultrasound on both living and anatomical models.

Accommodations

Accommodations are the responsibility of the participant. A list of lodging in the Hershey area is available online at pennstatehershey.org/web/guest/patientcare/patientvisitorinformation/lodging

Academic Coordinators

Sanjib Adhikary, MD

Associate Professor, Anesthesiology
Director, Regional Anesthesia & Acute Pain Medicine
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine

Patrick M. McQuillan, MD

Professor, Anesthesiology and Pediatrics
Vice Chair for Clinical Affairs
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine



2012 Faculty

Confirmed Guest Faculty

Kevin Armstrong, MD, FRCP(C)

Associate Professor

City Wide Director of the Acute Pain Service & Regional Anesthesia

Chair: Academic Affairs Committee

Department of Anesthesiology & Perioperative Medicine

University of Western Ontario

Shalini Dhir, FRCPC

Associate Professor

Department of Anesthesia & Perioperative Medicine

Schulich School of Medicine

University of Western Ontario

J. Eric Greensmith, MD, PhD, FCCP

Chief Anesthetist

Department of Anesthesia

Lancaster Regional Medical Center

Jiabin (JB) Liu, MD, PhD

Assistant Professor, Anesthesiology & Critical Care

Perelman School of Medicine

University of Pennsylvania

Paul G. McHardy, MD, FRCPC

Staff Anesthesiologist

Fellowship Coordinator

Department of Anaesthesia

Sunnybrook Health Sciences Centre

University of Toronto

Luminita M. Tureanu, MD, FRCPC

Assistant Professor, Anesthesiology

Feinberg School of Medicine

Northwestern University

Fees

The fees for this conference are \$750 per person for anesthesiologists and \$250 per person for anesthesia residents* and fellows*. These fees include instruction, handouts, breaks, and lunch.

You may pay for your registration by check, request to bill employer, or VISA, MasterCard or American Express (AMEX).

**To qualify for the training discount: Please include a letter from your director verifying your status.*

Registration

Register online, by fax, or by mail. Registrations will be confirmed in writing upon receipt of payment, authorization to bill, or a credit card guarantee. If you do not receive a confirmation within two weeks, phone 717-534-6483 to confirm your registration. Walk-ins and late registrations can be accepted only if space is available.

Cancellation Policy

Cancellations received after May 27, 2013, will be assessed a \$25 processing fee per conference day. No refunds will be made for cancellations that are received after June 2, 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.

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 *13.5 AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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.

Access

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of special accommodation or have questions about the physical access provided, please contact the Department of Anesthesiology at least one week in advance of your participation.

Registration

Please complete course registration online: pennstatehershey.org/ce

Or mail your payment information to:

Registrar

Penn State Hershey Continuing Education G220

P.O. Box 851

Hershey, PA 17033-0851

Phone: 717-531-6483

Fax to: 717-531-5604

Program

Sunday, June 9, 2013

8:00 a.m.	Breakfast
8:30	Lecture: Neuroaxial Sonoanatomy
9:15	Lecture: Sonoanatomy of Thorax and Abdomen
10:00	Break
10:15	Demonstration: Neuroaxial Structures and Sonoanatomy Related to Thorax and Abdomen in Volunteers
11:15	Volunteer Scanning Practice of Needling Cadaver Station
12:30 p.m.	Program Evaluation/Adjournment
12:30-2:30	OPTIONAL Cadaver Dissection



Program

Saturday, June 8, 2013

- 8:00 a.m. Final registration and refreshments
- 8:15 Introduction/Organization/Paperwork
- 8:30 Lecture: Introduction to Ultrasound and Basic Physics
- 9:15 Lecture: Sonoanatomy of the Upper Limb
- 10:00 Break
- 10:15 Volunteer Scanning Practice of Needling Cadaver Station
- 12:30 p.m. Lunch
- 1:00 Lecture: Sonoanatomy of the Lower Limb
- 2:00 Volunteer Scanning Practice of Needling Cadaver Station
- 4:30 Questions and Answers/Discussions
- 5:00 Adjournment



Ultrasound Guided Regional Anesthesia Cadaver Course * June 8 - 9, 2013

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 evening 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/registration status/program materials)

Home Address

City State Zip

Daytime Phone Evening Phone Fax Number

Specialty/Position Special Needs (dietary, access, etc.)

Hospital or Organization

Street Address (HMC/COM employees - provide dept. name/mail code)

City State Zip

The fees for the conference are (check appropriate box):

- Anesthesiologist, \$750 per person
- Anesthesia resident* and anesthesia fellow*, \$250 per person

*Include verification of status.

Indicate method of payment:

- Check enclosed payable to Penn State
- Bill my sponsoring organization. Attach authorization letter.
- HMC/COM employee - bill department budget.

Cost center/budget #: _____

Charge my VISA MasterCard or AMEX

Account Number Expiration Date

Cardholder's Signature