Fourth Annual Fundamentals of Ultrasound–Guided Regional Anesthesia Cadaver Course

May 17-18, 2014

An exciting opportunity to acquire hands-on experience with cadavers/phantoms and volunteers.

Best value for your CME dollars...
Register Today!

The Julien F. Biebuyck Faculty and Alumni Library
Room C2860
Biomedical Research Building

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

Jointly sponsored by the Pennsylvania Society of Anesthesiologists

Penn State Milton S. Hershey Medical Center, Hershey, PA
Audience
Local/National, Specialty Physicians, Nurse Anesthetists, Anesthesia Residents and Fellows (Specializing in Anesthesiology)

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
- Acquire hands-on experience with cadavers/phantoms and volunteers in laboratory settings

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 Continuing Education at least one week in advance of your participation or visit.
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.

- Describe 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 hand-eye coordination, as well as scanning and needling skills.

- Handle ultrasound equipment while performing needle placement, identify and differentiate anatomic structures imaged with ultrasound on both living and anatomical models.

Credit

- **13 AMA PRA Category 1 Credit(s)™**

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Penn State College of Medicine and the Pennsylvania Society of Anesthesiologists. Penn State College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

**Saturday**

A maximum of 7.25 AMA PRA Category 1 Credits™

**Sunday**

A maximum of 5.75 AMA PRA Category 1 Credits™

Penn State College of Medicine designates this live activity for a maximum of 13 AMA PRA Category 1 Credit(s)™. 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 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.
Faculty

Ki Jinn Chin, MBBS, MMed, FANZCA
Associate Professor of Anesthesia
Staff Anesthesiologist
Toronto Western Hospital
University of Toronto

Shalini Dhir, MBBS, MD, FRCPC
Associate Professor of Anesthesia and Perioperative Medicine
Schulich School of Medicine
University of Western Ontario

Nabil Elkassabany, MD
Assistant Professor of Anesthesiology and Critical Care
Hospital of the University of Pennsylvania

Carlo D. Franco, MD
Professor of Anesthesiology and Anatomy
Chairman, Regional Anesthesia
JHS Hospital of Cook County
Rush University Medical Center

J. Eric Greensmith, MD, PhD
Chief Anesthetist
Lancaster Regional Medical Center

Anita Gupta, DO, Pharm D
Associate Professor of Anesthesiology and Perioperative Medicine
Drexel University College of Medicine

Jiabin Liu, MD, PhD
Assistant Professor of Anesthesiology
Department of Anesthesiology and Critical Care
Perelman School of Medicine
University of Pennsylvania

Paul G. McHardy, MD, FRCPC
Fellowship Coordinator
Department of Anesthesia
Sunnybrook Health Sciences Centre

Luminita M. Tureanu, MD, FRCPC
Assistant Professor of Anesthesiology
Northwestern University

Academic Coordinators

Sanjib Adhikary, MD
Associate Professor of Anesthesia
Director, Regional Anesthesia and Acute Pain
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine

Patrick M. McQuillan, MD
Professor of Anesthesia and Pediatrics
Vice Chair for Clinical Affairs
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine
Program

Saturday, May 17, 2014

7:30 – 8:00 a.m.
Final Registration and Continental Breakfast

8:00 – 8:15
Introduction/Organization and Paperwork

8:15 – 8:45
Ultrasound and Related Physics and Knobology
Luminita M. Tureanu, MD, FRCPC

8:45 – 9:30
Sonoanatomy of the Upper Limb
Carlo D. Franco, MD

9:30 – 9:45
Break

9:45 – 12:00 p.m.
Volunteer Scanning/Practice of Needling/Cadaver Station
(All Faculty)

12:00 – 12:45
Lunch

12:45 – 1:30
Sonoanatomy of the Lower Limb
J. Eric Greensmith, MD, PhD

1:30 – 3:45
Volunteer Scanning/Practice of Needling/Cadaver Station
(All Faculty)

3:45 – 4:30
How I Do It Session
Jiabin Liu, MD, PhD

Sunday, May 18, 2014

7:30 – 8:00 a.m.
Final Registration and Continental Breakfast

8:00 – 8:45
Sonoanatomy Related to Thoracic and Lumbar Spine
Ki Jinn Chin, MBBS, MMed, FANZCA

8:45 – 9:30
Sonoanatomy Related to Abdominal and Thoracic Wall
Paul G. McHardy, MD, FRCPC

9:30 – 10:00
Anticoagulation and Regional Anesthesia: Where Do We Stand Today?
Shalini Dhir, MBBS, MD, FRCPC

10:00 – 10:15
Break

10:15 – 12:30 p.m.
Volunteer Scanning/Practice of Needling and Continuous Catheter Insertion/Cadaver Station (All Faculty)

12:30 – 1:15
How I Do It Session
Jiabin Liu, MD, PhD

1:15 – 2:00
Optional Cadaver Dissection
Sanjib Adhikary, MD
Patrick M. McQuillan, MD
Fee
- Physicians—$750
- CRNA’s—$500
- Residents/Fellows—$250*

Fees include: Cost of Instruction • Listed Meals • Break Refreshments

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

Cancellation Policy
Cancellations received later than:
- **May 10**
  will incur a $25 processing fee.

No refunds:
- **After May 13**
Substitutes are accepted at any time.

The University reserves the right to cancel or postpone any course or activity because of insufficient enrollment or other unforeseen circumstances.

Please provide a cell phone number so we can reach you in the event of last-minute changes or cancellation. 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.

Registration
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 within two weeks, call 717-531-6483 to confirm your registration. Walk-ins and late registrations will be accepted if space is available.

Call 717-531-6483
Fax 717-531-5604
Email ContinuingEd@hmc.psu.edu
Mail Registrar, Penn State Hershey Continuing Education
   G220, P. O. Box 851
   Hershey, PA 17033

Register Online - It’s easy!
pennstatehershey.org/web/ce
Name (First Name, M.I., Last Name) □ Male □ Female

Degree(s)/Credentials

Email Address (Print legibly. Used for confirmation, registration status, and program materials.)

Home Address

City State Zip Code

Daytime Phone Cell Phone (for last minute change or cancellation)

Specialty/Position

Hospital or Organization

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

City State Zip Code

Special Needs (dietary, access, etc.)

Fees:

☐ $750—Physicians ☐ $500—CRNA’s ☐ $250*—Residents/Fellows

* Please include a letter from your director verifying your status

Indicate method of payment:

☐ Check enclosed payable to Penn State
☐ Bill sponsoring organization—attach a letter of authorization
☐ HMC/COM employee fee, same as above—bill department budget

Cost center/budget #

Charge my: ☐ VISA ☐ MasterCard ☐ AMEX

Account Number Exp. Date

Cardholder’s Signature

NOTICE: A photographer may be present at this event to take pictures that will include event spectators and participants. These photos may be used by the event organizers for purposes of promotion.
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Register Online - It’s easy!
pennstatehershey.org/web/ce