1st Annual Symposium
Ultrasound Guided Regional Anesthesia

Saturday, April 30, 2016
7:30 am - 4:15 pm

Chestnut Conference Center
Baystate Medical Center
759 Chestnut Street
Springfield MA

Provided by:
Baystate Department of Anesthesiology
Baystate Health Continuing Interprofessional Education

Audience:
This program is designed for Anesthesiologists and Nurse Anesthetists

Goal:
The goal of this educational activity is to support safe, effective, patient-centered, timely, efficient, equitable and compassionate care.

Program Director:
Cassandre S. Victor-Vega, MD., MPH
Chief, Acute Pain Service
Baystate Medical Center

Live Model Scanning Stations:
• Ultrasound Knobology & Needle Practice
• TAP Block & Rectus Sheath Block
• Sciatic Block subgluteal & popliteal
• Fascia Iliaca Block
• Femoral, Saphenous & Obturator Block
• Adductor Canal Block
• Interscalene Block & Supraclavicular Block
• Infraclavicular Block & Axillary Block
• Paravertebral & PECS Block
• Neuraxial Block

These hands-on scanning workshops:
• are designed to enhance your knowledge of the sonoanatomy, local anesthetic medications and the various needle types used in ultrasound guided peripheral nerve blocks.
• will utilize live models and animal meat models to enhance your confidence and competence in: performing ultrasound guided peripheral upper and lower extremity and truncal nerve blocks; optimal patient and needle positioning; and in basic hand and body ergonomics.
• provide you with supervised practice designed to enhance your performance in multiple ultrasound probe maneuvers to change ultrasound images; in plane and out of plane needle visualization and ultrasound knobology to adjust 2-D images using depth, gain and focus for optimal block sonoanatomic views.

Program Agenda
7:30  Registration & Continental Breakfast
8:15  Introduction & Pretest
8:30  Lecture Series 1:
Ultrasound Guided Regional Anesthesia Basics
• Review basic applied physics including frequency, focus, and pulse with 2-dimensional B mode ultrasound images.
• Discuss ultrasound waves and tissue interaction using the terms echogenicity, acoustic impedance, and attenuation.

Upper Extremity Blocks
• List the surgical indications for each approach to the brachial plexus block of the upper extremity; interscalene, supraclavicular, infraclavicular and axillary.
• Compare common complications of the four approaches to the brachial plexus block.

Lower Extremity Blocks
• Discuss the surgical indications for lower extremity blocks of the sciatic, femoral, saphenous and obturator nerve block.
• Describe the anatomic course of the sciatic nerve and the approaches to the sciatic nerve block; popliteal, subgluteal, and anterior.
• Compare and contrast the ultrasound guided technique for the femoral nerve block vs the adductor canal block vs. the fascia iliaca plane block.

9:30  Break & Exhibits
9:40  Lecture Series 2
Truncal Blocks
• Describe the anatomy of the rectus sheath and the transversus abdominus plane block.
• List the surgical indications for the rectus sheath block and the transversus abdominus plane block.
• Discuss common complications for the rectus sheath and transversus abdominus plane block.

Paravertebral Blocks
• List the anatomic borders of the Paravertebral space.
• Discuss indications for the paravertebral block and the incidence of cancer recurrence.
• Compare and contrast the PECS block to the Paravertebral block for breast or chest wall surgery.

Neuraxial Blocks
• List the anatomic landmarks visualized with neuraxial scanning of the lumbar spine.
• Discuss common uses for neuraxial scanning to assist with the conventional anatomic landmark technique for placing lumbar epidural blocks/catheters.

10:40  Break & Exhibits
10:50  Scanning Workshop 1
11:50  Lunch & Exhibits
12:50  Scanning Workshop 2
1:50  Break
1:55  Scanning Workshop 3
2:55  Break
3:00  Scanning Workshop 4
4:00  Post Test, Program Evaluations & Adjourn
4:15  Adjourn
Registration & Tuition Information:

You can register on our website or by mail.

Credit card on website: Go to learn.bhs.org. Click on calendar. Search or navigate to the course. Click on the course you want. Go to shopping cart, then Checkout. Sign in with your CE Portal ID or create an account. Add Credit Card Information. You will receive a confirmation email. When contacting us with questions about your registration status, please provide your CE Portal ID.

Check by mail: Complete the registration form on the second page of this brochure and mail it with a check for the full course fee indicated above to: Baystate Continuing Interprofessional Education, 361 Whitney Avenue, Holyoke, MA 01040.

Online through March 4, 2016:
- $200 MD, DO
- $150 CRNA/NP/RN
- $50 Resident/Student

Online after March 4, 2016:
- $250 MD, DO
- $200 CRNA/NP/RN
- $75 Resident/Student

Mail with Check:
- $275 MD, DO
- $225 CRNA/NP/RN
- $100 Resident/Student

Accreditation:

Baystate Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Faculty:

Speakers:
- Melissa Kreso, MD  
  Assistant Professor of Anesthesiology  
  Academic Anesthesiologist  
  University of Rochester Medical Center
- Stefan Lucas, MD  
  Clinical Assistant Professor  
  SUNY at Buffalo  
  Anesthesiologist  
  S.C.I. Anesthesia, PLLC  
  Mobile Anesthesiologists of Western New York
- Cassandre S. Victor-Vega, MD, MPH  
  Program Director  
  Assistant Professor of Anesthesiology  
  Tufts University  
  Chief, Acute Pain Service  
  Baystate Medical Center

Baystate Department of Anesthesia Presenters:
- Ghasan Aljafar, MD
- Christopher C. Dow, MD
- Brian Martin, MD
- Nandakumar Ponnusamy, MD
- Istvan Pulai, MD
- Peter A. Vieira, MD
- Cuong Vu, MD
- Wagdy Zakhary, MD

Mail Instructions:

To register via regular mail, complete the registration portion of this form. Make your check payable to: Baystate Health.

Mail your registration & payment to: Baystate Continuing Interprofessional Education, 361 Whitney Ave., Holyoke, MA 01040;

We cannot process registrations without payment. Make checks payable to: Baystate Medical Center. We accept credit card payments only on our secure, encrypted website at learn.bhs.org which does not store your credit card details.