

Northeastern University's Hands-on Ultrasound Symposium for Frontline Providers



Saturday, June 1, 2019

Behrakis Health Sciences Center
30 Leon Street, Boston, MA

Register Today | bostonchildrens.org/ultrasoundcme

Course Directors

Gian Corrado, MD

Head Team Physician, Northeastern University
Associate Program Director, Medical Sports Medicine Fellowship,
Boston Children's Hospital
Assistant Professor of Orthopedic Surgery, Harvard Medical School

Maura Daly Iversen, PT, DPT, SD, MPH, FNAP, FAPTA

Associate Dean, Clinical Education, Rehabilitation and
New Initiatives, Bouve College of Health Sciences
Professor and Director of Rehabilitation and Epidemiology Trainee Program,
Department of Physical Therapy,
Movement & Rehabilitation Sciences
Behavioral Scientist and Clinical Epidemiologist, Department of Medicine,
Section of Clinical Sciences, Harvard Medical School

Overview

The use of ultrasound for frontline diagnostics and procedural aids is becoming increasingly common. **The Hands-On Ultrasound Symposium for Frontline Providers** is designed to provide basic ultrasound training to doctors, physician assistants, nurse practitioners, and physical therapists.

The interactive course format is comprised of engaging lectures and hands-on training sessions to provide attendees with the knowledge and skills necessary to implement basic pulmonary, cardiovascular, abdominal/renal, and musculoskeletal ultrasound in everyday practice.

Morning didactic sessions will explore the basics of ultrasound including history, functionality, application, and knobology. Following the morning session, hands-on breakout sessions will provide attendees with the opportunity to learn and practice new skills on live patients with peer and expert feedback.

Topics Include:

- History and basics of ultrasound outside of radiology
- Knobology of the ultrasound
- Hands-on training for pulmonary, cardiovascular, abdominal/renal, and musculoskeletal ultrasound

Target Audience

- Primary Care Physicians
- Sports Medicine Physicians
- Physician Assistants
- Nurse Practitioners
- Nurses
- Allied Health Professionals
- Physical Therapists

This course may also be of interest to physicians who practice in critical care and trauma, emergency medicine, family medicine, geriatrics, hospice and palliative medicine, internal medicine, orthopedics, pain medicine, pediatrics and adolescent medicine, physical medicine & rehabilitation, radiology, rheumatology, and psychiatry.

Objectives

Upon completion of this course, participants will be able to:

- Understand the theory and basic physics of ultrasound and its use in a medical setting.
- Describe transducer types, and ultrasound functions and techniques.
- For each system, demonstrate basic and advanced image optimization.
- For each system, demonstrate use of different fields of view.
- Demonstrate understanding of basic pulmonary, cardiovascular, abdominal, renal, and musculoskeletal anatomy, physiology and pathophysiology.

- Identify ultrasonographic characteristics of pulmonary, cardiovascular, abdominal, renal and musculoskeletal pathophysiology.
- Identify ultrasonographic artifact.
- Demonstrate ability to obtain accurate views of pulmonary, cardiovascular, abdominal, renal, and musculoskeletal anatomy.
- Accurately identify anatomical structures, physiologic characteristics, and pathophysiology.

Registration

To register online, visit:

bostonchildrens.org/ultrasoundcme

RATE:

All Professions (Except Students and Trainees) **\$595**

Trainee/Student **\$395**

Registration and Refund Policy

- Registration by credit card: Select the "Register" tab at the top of this page and fill out the registration forms. Please note: online registration works best on a desktop computer or laptop, if experiencing registration issues while using a mobile device or tablet, try switching to another device.
- Registration by check (draft on a United States bank): Please make checks payable to Boston Children's Hospital and contact the continuing education department at cmdepartment@childrens.harvard.edu to discuss payment.
- Registration via telephone and fax are not permitted. Registration with cash payment is not permitted.

If you have questions or issues with registration, please contact the continuing education office via email: cmdepartment@childrens.harvard.edu.

Upon receipt of your paid registration, an email confirmation from the Boston Children's office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation and certificate.

Fifty-percent (50%) refunds will be issued for all cancellations received prior to the start of the course. Refund requests must be received by postal mail, email or telephone. "No shows" are subject to the full course fee, and no refunds will be issued once the conference has started.

N Northeastern University
**Bouvé College
of Health Sciences**

 **Boston Children's Hospital**
Until every child is well™



Northeastern University's Hands-on Ultrasound Symposium for Frontline Providers

Accreditation

In support of improving patient care, Boston Children's Hospital is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians

Boston Children's Hospital designates this live activity for a maximum of 8.25 *AMA PRA Category 1 Credits*[™].

Physicians should claim only credit commensurate with the extent of their participation in this activity.

Nurses

Boston Children's Hospital designates this activity for 8.25 contact hours for nurses. Nurse should only claim credit commensurate with the extent of their participation in the activity.

Physician Assistants

Boston Children's Hospital has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria.

This activity is designated for 8.25 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Athletic Trainers

Boston Children's Hospital (BOC AP# P10089) is approved by the Board of Certification, Inc. to provide continuing education to Athletic Trainers. This program is eligible for a maximum of 8.25 EBPA Category hours/CEUs. ATs should claim only those hours actually spent in the educational program.

Physical Therapists

The APTA of MA approves "Northeastern University's Hands-on Ultrasound Symposium for Frontline Providers" for 8.25 Continuing Education Hours.

Disclosure Policy

Boston Children's Hospital adheres to all ACCME Essential Areas, Standards, and Policies. It is Boston Children's policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that Boston Children's may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

Schedule

7:30–8 a.m.

Check In and Registration

8–8:30 a.m.

History & Basics of Ultrasound Outside of Radiology

Gianmichel Corrado, MD

8:30–9 a.m.

Knobology of the Ultrasound

Sarah S. Jackson, MD

9–9:30 a.m.

Break

9:30–10 a.m.

Cardiovascular Ultrasound

Gianmichel Corrado, MD

10–10:30 a.m.

Pulmonary Ultrasound

Patricia Henwood, MD

Morning Breakout Sessions

10:30–11:30 a.m.

Group A: Pulmonary Ultrasound Hands-on Training

Patricia Henwood, MD

Group B: Cardiovascular Ultrasound Hands-on Training

Gianmichel Corrado, MD

11:30 a.m.–12:30 p.m.

Group A: Cardiovascular Ultrasound Hands-on Training

Patricia Henwood, MD

Group B: Pulmonary Ultrasound Hands-on Training

Gianmichel Corrado, MD

12:30–1:30 p.m.

Lunch

1:30–2 p.m.

Abdominal/Renal Ultrasound (aorta, renal, gall bladder)

Patricia Henwood, MD

2–2:30 p.m.

MSK Ultrasound

Pierre d'Hemecourt, MD

Afternoon Breakout Sessions

2:30–3:30 p.m.

Group A: Abdominal/Renal Ultrasound (aorta, renal, gall bladder) Hands-on Training

Patricia Henwood, MD

Group B: MSK Ultrasound Hands-on Training

Pierre d'Hemecourt, MD

3:30–4 p.m.

Break

4–5 p.m.

Group A: MSK Ultrasound Hands-on Training

Pierre d'Hemecourt, MD

Group B: Abdominal/Renal Ultrasound (aorta, renal, gall bladder) Hands-on Training

Patricia Henwood, MD

5–5:30 p.m.

Evaluation Survey

