

Course description

Ultrasound-Guided Peripheral IV Access Course has been developed to train nurses, mid-level providers, and physicians in various clinical settings, to establish peripheral intravenous catheters under realtime ultrasound guidance, in patients with difficult access via the traditional approach. Course participants will have the opportunity of working closely with expert faculty including physicians and nurses, with extensive experience in the use of UGPIV access. The course follows evidence-based practice standards with emphasis on patient safety measures. The course will take place in the state-of-the-art Simulation Center at the Henry Ford Hospital, with a variety of ultrasound systems and phantoms to help simulate the actual procedure.

Terminal objective

1. To train nurses, mid-level providers, and physicians in the use of ultrasound for peripheral IV access in patients with traditionally difficult access
2. To develop basic ultrasound skills, including physics and knobology, to assist with image acquisition and interpretation

Course objectives

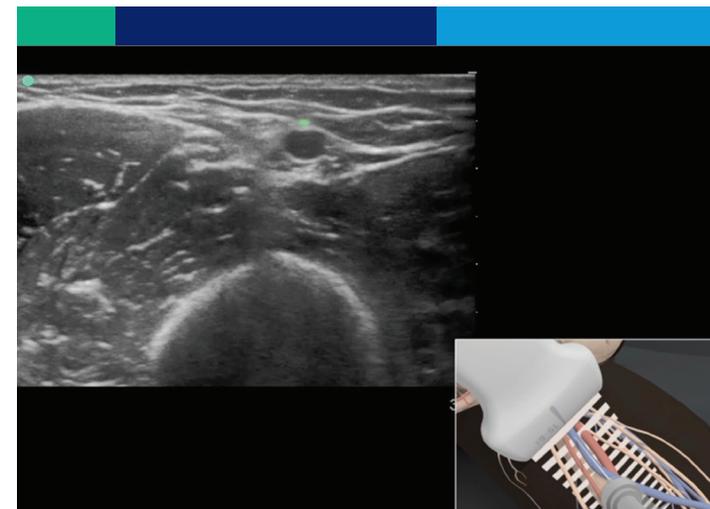
At the completion of this course, participants should be able to:

1. Name four groups of patients with potentially difficult IV access
2. Identify five areas on the arm where ultrasound can be used to obtain peripheral IV access
3. Demonstrate the ability to select the appropriate presets for a vascular ultrasound study
4. Demonstrate the ability to obtain ultrasound images of peripheral veins in the arm
5. Discuss three ways of differentiating an artery from a vein using ultrasound
6. Demonstrate the ability to access a peripheral vein in short and long axes using real-time ultrasound or direct visualization
7. Recognize the 'honeycomb' echo-signature of nerves in short axis using ultrasound
8. Recognize the ring-down artifact associated with the UGPIV procedure
9. Differentiate between the in-plane and out-of-plane techniques of needle insertion and visualization
10. Discuss two potential complications associated with the UGPIV access procedure

Ultrasound-Guided Peripheral IV Access Course

Offered by Henry Ford Hospital

henryford.com/ultrasounduniversity



Board members

Scott Dulchavsky, M.D., Ph.D., Chairman Department of Surgery
David Amponsah, M.D., Emergency Medicine
Abigail Brackney, M.D., Emergency Medicine
Christopher Clark, M.D., Emergency Medicine

Course developer

David Amponsah, M.D.

Core faculty

David Amponsah, M.D., Emergency Medicine
Brett Babcock, R.N., Emergency Medicine
Andrew Bissonette, M.D., Emergency Medicine & Critical Care
Abigail Brackney, M.D., Emergency Medicine
Christopher Clark, M.D., Emergency Medicine
Caroline Dowers, M.D., Emergency Medicine
Thomas Faryniarz, R.N., Emergency Medicine
Raymond Fowkes, M.D., Emergency Medicine
John Joseph, M.D., Emergency Medicine
Daniel Morri, M.D., Emergency Medicine
Akshay Srikanth, M.D., Emergency Medicine & Critical Care
Stephanie Stokes-Buzzelli, M.D., Emergency Medicine

Registration

Advanced registration is required. The fee is non-refundable and cannot be reduced for partial attendance. Please register at hfhs.cloud-cme.com and look for the POCUS (International Point of Care Ultrasound) course under the Live Courses tab. Three days prior to the course you will receive a pre-course packet via email from Tina Gaines.

For registration inquiries, please contact Christina Miller, Continuing Medical Education Specialist.

Direct: 313.916.3903

Email: cmille26@hfhs.org

Schedule

2:45 - 2:55 p.m. Check-In/Late Registration

2:55 - 3:00 p.m. Welcome
3:00 - 3:45 p.m. Introductory Lecture
- Literature Review
- Physics & Knobology
- Anatomy Review
- Ultrasound Evaluation of Peripheral veins, arteries and nerves
- UGPIV Access Technique

3:45 - 3:50 p.m. Break

3:50 - 5:30 p.m. Skills Stations
- Ultrasound System User Interface
- Transducer Selection & System Pre-sets
- Hands-on Procedural Skills
- Out-of-plane Technique
- In-plane Technique
- Hybrid Technique
5:30 - 6:00 p.m. Debriefing and Course Evaluation

6:00 p.m. Adjourn

Location

Henry Ford Hospital
Center for Simulation
Education and Research
2799 West Grand Boulevard
Detroit, MI 48202
Phone: 313.916.6253

Target audience

The course is designed for nurses with at least 2 years' experience in IV placement and who are interested in learning venous access techniques using an ultrasound-guided approach.



Accreditation statement

Henry Ford Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation statement

Henry Ford Health designates this live course for a maximum of {3 Hours} AMA PRA Category 1 Credit(s)™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Accessibility statement

Henry Ford Health provides qualified interpreters and other aids for deaf, blind, and hard-of-hearing persons at no cost. To request assistance, contact the event sponsor Tina Gaines at 313.916.1553. Please allow a minimum of three days to process this request.

Faculty/planning committee disclosure statement

In compliance with the ACCME standards for Commercial Support, all individuals in a position to control/influence the content of this activity are required to disclose relevant financial interests of their own with any ACCME defined commercial interests for the past 24 months and/or non-FDA approved use of a drug or a device that is included in the presentation. All relevant financial relationships have been mitigated prior to the commencement of the activity.

Accommodations

The Inn On Ferry Street
84 East Ferry Street
Detroit, MI 48202
Phone: 313.871.6000
Fax: 313.871.1473
Website: innonferrystreet.com

Double Tree Suites by Hilton
313.424.1367

For more information, contact Tina Gaines

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