

NPI POCUS Course with Kansas Academy of Family Physicians

Point-of-Care Ultrasound (POCUS) Hands-on Course

Course Credits: Earn up to 8 AAFP Prescribed Credits

Course description

Decreasing costs of equipment, improved portability, and improved imaging and technology are a few of the reasons physicians need to learn point of care ultrasound. Abdominal, OB/GYN, cardiac, trauma, pulmonary, high-frequency, musculoskeletal, and procedural ultrasound will be discussed. Having ultrasound available at the point of care in the practice setting may improve and streamline diagnostic skills, improve patient care and satisfaction, and improve procedural skills. POCUS has become the “norm” in family medicine residencies since 2018. This course will discuss how to begin and open a new world of diagnostics at the point of care for patients in the office. This course includes demonstrations and hands-on training.

Course agenda

8 – 10 a.m. (2 CME credits)

Goals, history, physics of ultrasound, issues of liability, anatomy

- Review the history, physics, applications, and indications for office, hospitalist, emergency, musculoskeletal, and procedural POCUS.
- Discuss basic ultrasound anatomy.
- Review ultrasound technology and equipment needs.
- Review basic concepts of POCUS.
- Recognize the benefits, limitations, and alternatives for point of care ultrasound.

Abdominal and OB/GYN ultrasound

- Identify the indications and core techniques for POCUS including hands-on scanning for abdominal patients, including aortic, biliary, urinary, and procedural guidelines.
- Identify the indications and core techniques for POCUS including hands-on scanning OB/GYN patients and procedural guidance.

Patient scanning – Abdominal and OB/GYN

- Recognize the benefits, limitations, and alternatives for point of care ultrasound for abdominal and OB/GYN patients.

10 – 10:15 a.m. – Break

10:15 a.m. – 12 p.m. (1.75 CME credits)

Cardiac, trauma, and pulmonary scanning

- Identify the indications and core techniques for POCUS including hands-on scanning for cardiac, trauma, and pulmonary patients and procedural guidelines.
- Recognize the benefits, limitations, and alternatives for point of care ultrasound for cardiac, trauma, and pulmonary patients.

12 – 1 p.m. – Lunch

1 – 3 p.m. (2 CME credits)

High-frequency scanning – DVT, musculoskeletal, soft tissue, ocular

- Identify the indications and core techniques for POCUS including hands-on high-frequency scanning for DVT, musculoskeletal, soft tissue, ocular, and procedural guidelines.
- Recognize the benefits, limitations, and alternatives for point of care ultrasound for DVT, musculoskeletal, soft tissue, and ocular patients.

3 – 3:15 p.m. – Break

3:15 – 5:30 p.m. (2.25 CME credits)

Hands-on Patient Scanning

Common Pathology

- Utilize ultrasound to assist in the collection of pathology samples in patients.

Coding and Billing

- Appropriately code for point of care office ultrasound.

Questions and Answers

- Review questions and answers regarding point of care ultrasound.

TOTAL CME CREDITS: 8

Learning objectives

By the end of this activity, participants should be better able to:

1. Review the history, physics, applications, and indications for office, hospitalist, emergency, musculoskeletal, and procedural point of care ultrasound (POCUS).
2. Discuss basic ultrasound anatomy.
3. Review ultrasound technology and equipment needs.
4. Review basic concepts of POCUS.
5. Identify the indications and core techniques for POCUS including hands-on scanning (abdominal [aortic, biliary, urinary], OB/GYN, cardiac, trauma, pulmonary, high frequency [DVT, musculoskeletal, soft tissue, ocular] and procedural guidance.
6. Recognize the benefits, limitations, and alternatives for point of care office, hospitalist, emergency, musculoskeletal, and procedural ultrasound.