

Current Guidelines for Cardiac Point of Care Ultrasound

Internet Enduring Material

Release Date: 09/08/2025

Expiration Date for Credit: 09/07/2028

Content was originally presented as part of the Pediatrix Neonatology Grand Rounds series on September 3, 2025.

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Time to Complete

The estimated time for completion of this Internet Enduring Material is 65 minutes.

Target Audience

This presentation is intended for physicians, advanced practice providers, and other clinicians practicing within the Neonatology specialty.

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Disclosure of Relevant Financial Relationships

Alan Groves, MD, faculty for this educational activity, has the following relevant financial relationship with ineligible companies to disclose: Consulting Fee – GE Healthcare Bio-Sciences. *FDA Disclosure(s)*: none to report.

Timothy Biela, MD, Nicole Brenson and Jaya Sariga, NNP-BC, planners of this educational activity, have no relevant financial relationships with ineligible companies to disclose.

Commercial Support

There is no commercial support for this educational activity.

Overview

This activity will review current guidelines and recommendations for cardiac point-of-care ultrasound (POCUS) in neonatal intensive care units (NICUs). The presentation includes international evidence-based guidelines issued by the POCUS Working Group of the European Society of Paediatric and Neonatal Intensive Care (ESPINC), the American Academy of Pediatrics (AAP), and the American Society of Echocardiography (ASE). At the conclusion of the activity, learners will critically evaluate current ultrasound methods in their own units to determine if adoption of POCUS is merited and if so, implement at least one strategy, new technique(s), or intervention(s) to assist in clinical decision-making.

Objectives

At the conclusion of this activity, the participant will be able to:

- Describe the key indications for the application of point of care ultrasound (POCUS) in the NICU.
- Identify the key components of POCUS best practice.
- Summarize the benefits of POCUS in establishing vascular access in the NICU.
- List the markers of cardiac underselling as seen on cardiac ultrasound.

ACGME/ABMS Competencies

- Patient Care and Procedural Skills
- Medical Knowledge
- Practice-Based Learning and Improvement
- Systems-based Practice

IOM Competencies

- Provide Patient-Centered Care
- Employ Evidence-based Practice
- Apply Quality Improvement

Participation and Credit

Participants are expected to review all content in the video, access reference materials as needed for additional self-directed learning, take and score 75% or greater correct on the post-test, and complete the evaluation in order to earn *AMA PRA Category 1 Credit(s)*[™], or nursing contact hour(s).

There are no fees for participating in or receiving credit for this online educational activity. For information on the applicability and acceptance of credit for this activity, please consult your professional licensing board.

Contact

Should you have any questions or concerns, please contact us at continuing.education@pediatrix.com