





Point-of-care ultrasonography in Ukraine: a survey of anesthesiologists-intensivists participating in ultrasonography courses

L'échographie ciblée en Ukraine : une enquête auprès des anesthésiologistes-intensivistes participant à des cours d'échographie

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Abstract

Purpose Despite the potential value of point-of-care ultrasonography (POCUS) in resource-limited environments, it is not widely used in low- and middle-income countries compared with high-income countries. We sought to evaluate the current POCUS practice of Ukrainian anesthesiologists who attended POCUS courses to guide future POCUS training in Ukraine.

Methods We conducted a 25-question web-based survey. It was distributed to 255 participants of POCUS courses held in Ukraine in 2023. The survey sections described

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R. A. Stevens, MD Rosalind Franklin University of Medicine and Science, North Chicago, IL, USA current POCUS practice, perception of POCUS value, POCUS skills self-assessment, and perceived barriers to implementing POCUS in clinical practice.

Results Two hundred and forty-four out of 255 course participants completed the survey, representing 214 unique respondents. Those who self-rated their skills identified themselves as either novices or beginners in areas of POCUS knowledge (118/157, 75%), image acquisition (110/158, 70%), image interpretation (117/158, 74%), and integration into clinical decision-making (105/155, 68%). Among all survey responders, 55% (118/214) reported using POCUS for vascular access procedures, 45% (97/214) for trauma assessment, and 44% (93/214) for regional anesthesia. Reported barriers to POCUS

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