

**Conference:** Celebration of Health Education Scholarship (CHES) 2019

**Title:** BCPoCUS.ca: A Clinically-oriented Ultrasound Education Website Interface

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**Abstract:**

Point-of-care ultrasound (PoCUS) is a bedside procedure typically performed in the emergency room to inform practitioners' clinical assessment and decision making. As PoCUS technology becomes increasingly available and integrated into rural practice, it is important that medical education resources grow and evolve with the changing landscape. By developing readily accessible educational references organized in a clinically-oriented interface, practitioners are better supported to care for patients at the point-of-care.

Through collaboration with health care providers who seek to safely expand PoCUS practice across BC and user testing with the target audience, BCPoCUS.ca was designed to serve as a free, open access learning tool and educational database offering carefully curated PoCUS content. Content is grouped into three main thematic categories: (1) presenting problems, (2) organ systems, and (3) procedures, and an interactive home page with an optimized search feature enables visitors to efficiently navigate to their area of interest. Practitioners may consult rapid summaries during time-limited visits, or further their learning through videos and how-to guides outside of the clinical setting.

As an educational tool, BCPoCUS.ca provides resources to simplify the challenging process of integrating PoCUS into clinical practice. Over 1,980 users from 69 countries have consulted the website since its soft launch on September 26, 2018. Through further user testing and consultation with medical practitioners during future development phases, the BCPoCUS.ca project will continually explore how engagement with a target audience can inform the development of an accessible, efficient, and timely tool that meets learner and user needs.

**Keywords:** ultrasound, point-of-care, website

**Specific and Learner Centred Objective:** Participants will be able to describe approaches for engaging with end-users to inform the development of clinically-oriented technologies.