Point of Care Ultrasound for Assessment of Patients in Emergency Departments: Guidelines
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About CADTH: CADTH is an independent, not-for-profit organization responsible for providing Canada’s health care decision-makers with objective evidence to help make informed decisions about the optimal use of drugs, medical devices, diagnostics, and procedures in our health care system.

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Questions or requests for information about this report can be directed to requests@cadth.ca
Research Question
What are the evidence-based guidelines regarding the use of point of care ultrasound in the emergency department?

Key Findings
No relevant evidence-based guidelines were identified regarding the use of point of care ultrasound in the emergency department.

Methods
A limited literature search was conducted by an information specialist on key resources including Medline, the Cochrane Library, the University of York Centre for Reviews and Dissemination (CRD) databases, the websites of Canadian and major international health technology agencies, as well as a focused Internet search. The search strategy was comprised of both controlled vocabulary, such as the National Library of Medicine’s MeSH (Medical Subject Headings), and keywords. The main search concepts were Point of care ultrasound (POCUS) and Emergency Department. A search filter was applied to limit retrieval to guidelines. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 01, 2014 and August 8, 2019.

Selection Criteria
One reviewer screened citations and selected studies based on the inclusion criteria presented in Table 1.

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<th>Table 1: Selection Criteria</th>
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<td>Population</td>
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<td>Intervention</td>
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<td>Comparator</td>
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<td>Outcomes</td>
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<td>Study Designs</td>
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Results

Rapid Response reports are organized so that the higher quality evidence is presented first. Normally, health technology assessment reports, systematic reviews, and meta-analyses are presented first; however, in reports where guidelines are primarily sought, the aforementioned evidence types are presented in the appendix.

No relevant evidence-based guidelines were identified regarding the use of point of care ultrasound in the emergency department.

References of potential interest are provided in the appendix.

Overall Summary of Findings

No relevant literature was found regarding the use of point of care ultrasound in the emergency department, therefore no summary can be provided.

References Summarized

Guidelines and Recommendations

No literature identified.
Appendix — Further Information

Previous CADTH Reports


Systematic Reviews and Meta-analyses – Diagnostic Accuracy


Guidelines and Recommendations

Alternative Intervention – Subgroup of POCUS


Methodology Not Specified


Policy and Position Statements


Consensus Statements


Additional References