

# Clinician's Capsules for *CJEM* 21(1)

## A system-wide solution to antidote stocking in emergency departments: The Nova Scotia antidote program

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doi: 10.1017/cem.2017.400

### What is known about the topic?

Inadequate access to antidote and standardized guidelines in emergency departments is a well-documented issue.

### What did this study ask?

This study aimed to outline the complex process of planning and implementing a standardized provincial program for antidote stocking.

### What did this study find?

A solution to inadequate antidote stocking is achievable and requires a system-wide approach with ongoing maintenance and surveillance.

### Why does this study matter to clinicians?

Front-line healthcare providers need timely access to necessary antidotes, standardized, up-to-date guidelines for antidote administration with ongoing maintenance and surveillance.

## An innovative short-stay healthcare model for treatment of uncomplicated vaso-occlusive crisis in adult sickle cell disease patients in Canada to reduce emergency department utilization

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doi: 10.1017/cem.2017.413

### What is known about the topic?

Patients with sickle cell disease experiencing vaso-occlusive crises often visit the emergency department (ED) for management.

### What did this study ask?

This study sought to evaluate the feasibility of a short-stay model for treatment of vaso-occlusive crises outside of the ED.

### What did this study find?

A short stay model improved patient satisfaction and decreased average time to first opiate dose to 23.5 minutes from 100.3 minutes (ED).

### Why does this study matter to clinicians?

Delays in treatment in the ED exist for patients with vaso-occlusive crises and short-stay models can improve care delivery.

## Evaluating mental health service use during and after emergency department visits in a multisite cohort of Canadian children and youth

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doi: 10.1017/cem.2017.416

### What is known about the topic?

Presentations for pediatric mental health are increasing yet little is known about presentation needs and access to services post emergency department (ED) discharge.

### What did this study ask?

Objectives were to identify pediatric mental health needs at ED presentation, and the follow-up mental health services accessed by children and their families.

### What did this study find?

Patients had substantial clinical morbidity, connected with services, satisfied with their ED visit, and accessed follow-up care within 1-month.

### Why does this study matter to clinicians?

ED clinicians can play an important role in linking EDs to appropriate outpatient resources and educating patients.

## The Quebec emergency department guide: A cross-sectional study to evaluate its use, perceived usefulness, and implementation in rural emergency departments

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doi: 10.1017/cem.2017.423

**What is known about the topic?**

Specific needs of rural populations require optimization of rural emergency departments and the Quebec Emergency Department Management Guide may provide guidance.

**What did this study ask?**

What is the utility and perception of the Quebec Emergency Department Management Guide by rural health care management?

**What did this study find?**

While this guide is considered useful for rural EDs, it is not optimally known or used in rural EDs especially by physician management.

**Why does this study matter to clinicians?**

The Quebec Emergency Department Management Guide may provide novel recommendations designed to improve the organization and provision of quality care in all EDs.