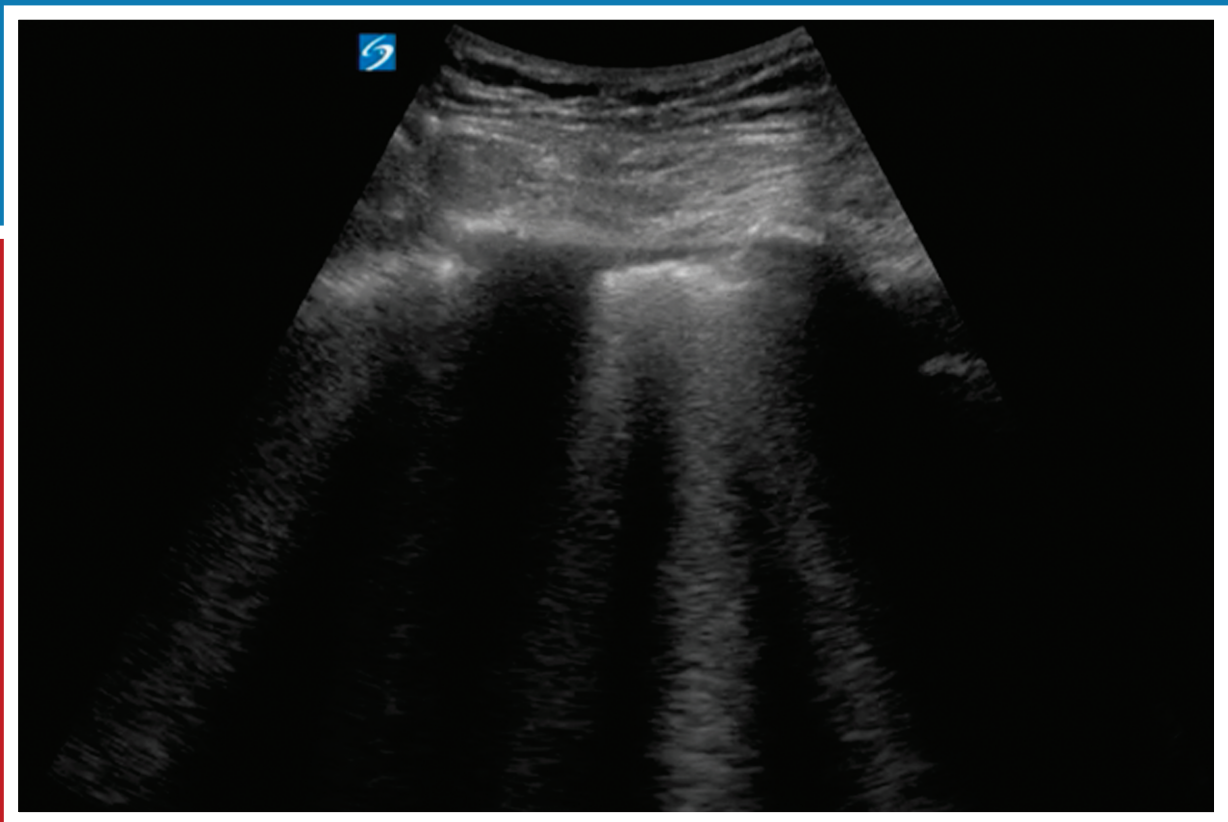


CJEM JCMU

Canadian Journal of Emergency Medicine/Journal canadien
de la médecine d'urgence

Volume 20 Issue 3

May 2018/mai 2018



Inspiring excellence in emergency medical care



CAMBRIDGE
UNIVERSITY PRESS

Canadian Journal of Emergency Medicine Editorial Board

Editor-in-Chief

Ian G. Stiell, MD, MSc
University of Ottawa, Canada

Deputy Editors

Paul Atkinson, MB, BCh, BAO, MA
Dalhousie University, Canada

Eddy Lang, MD, CM
University of Calgary, Canada

Managing Editor

Jennifer Brinkhurst, BAH
Ottawa, Canada

Assistant Managing Editor

Jacqueline Fraser, RNBN
Saint John, Canada

Editor Emeritus

James Ducharme, MD
McMaster University, Canada

Grant Innes, MD
University of Calgary, Canada

Decision Editors

David Barbic, MD, MSc
University of British Columbia, Canada

Peter Alistair Cameron, MBBS, MD
The Alfred Hospital and Monash University, Australia

Alix Carter, MD, MPH
Dalhousie University, Canada

Teresa Chan, MD
McMaster University, Canada

Kerstin de Wit, MBChB, BSc, MSc, MD
McMaster University, Canada

Quynh Doan, MDCM, MHSc, PhD
University of British Columbia, Canada

Jeffrey Freeman, MD
University of British Columbia, Canada

Ran Goldman, MD, BSc
University of Toronto, Canada

Sophie Gosselin, MD
McGill University, Canada

Robert S. Green, MD
Dalhousie University, Canada

Kirk Magee, MD, MSc
Dalhousie University, Canada

Andrew McRae, MD, PhD
University of Calgary, Canada

Shawn Mondoux, BEng, MSc, MD
McMaster University, Canada

Catherine Patocka, MDCM, MHPE
University of Calgary, Canada

Brian Steinhart, MD
University of Toronto, Canada

Daniel K. Ting, MD
University of British Columbia - Interior Site, Canada

Peter J. Zed, BSc, PharmD
University of British Columbia, Canada

Associate Editors

Garth Dickinson, MD
University of Ottawa, Canada

Marcel Émond, MD, MSc
Université Laval, Canada

Jeff Eppler, MD
Kelowna General Hospital, University of British Columbia, Canada

Mete Erdogan, BSc, PhD, MHI
Dalhousie University, Canada

Devin R. Harris, MD, MHSc
University of British Columbia, Canada

Niranjan Kissoon, MD
University of British Columbia, Canada

Patrick McLane, PhD
Alberta Health Services, University of Alberta, Canada

Laurie J. Morrison, MD, MSc
University of Toronto, Canada

Heather Murray, MD, MSc
Queen's University, Canada

Jeffrey Perry, MD, MSc
University of Ottawa, Canada

Roy Purssell, MD
University of British Columbia, Canada

Michael J. Schull, MD, MSc
University of Toronto, Canada

John M. Tallon, MD, MSc
University of British Columbia, Dalhousie University, Canada

Suneel Upadhye, BS, MD
McMaster University, Canada

Social Media Editors

Rohit Mohindra, MASc, MD
McGill University, Canada

Shahbaz Syed, MD, BSc
University of Ottawa, Canada

CJEM JCMU

Vol. 20, No. 3
May 2018/
mai 2018

cjem-online.ca

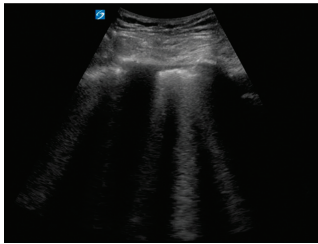


Table of Contents • Table des matières

CLINICIAN'S CAPSULES

315 Clinician Capsules for *CJEM* 20(3)

EDITORIAL/COMMENTARY

318 Adding value to scholarship in residency: Supporting and inspiring future emergency medicine research in Canada
Daniel K. Ting, Blair L. Bigham, Shaun Mehta, Ian Stiell

321 There are no shortcuts: A focus on POCUS
Michael Woo, Paul Atkinson

323 New frontiers in Canadian atrial fibrillation management
Frank X. Scheuermeyer

325 The first step in an exciting journey
Niranjan Kissoon

327 Geriatric emergency medicine: Research priorities to respond to "The Silver Boom"
Don Melady

CJEM Debate Series

329 *CJEM* Debate Series: #PoCUS—All physicians practicing emergency medicine should be competent in the use of point-of-care ultrasound
Paul Atkinson, Paul Olszynski, Jordan Chenkin, Daniel J. Kim, Greg Hall

CAEP Guidelines

334 CAEP Acute Atrial Fibrillation/Flutter Best Practices Checklist
Ian G. Stiell, Frank X. Scheuermeyer, Alain Vadeboncoeur, Paul Angaran, MD; Debra Eagles, Ian D. Graham, Clare L. Atzema, Patrick M. Archambault, Troy Tebbenham, Kerstin de Wit, Andrew D. McRae, Warren J. Cheung, Marc W. Deyell, Geneviève Baril, Rick Mann, Rupinder Sahsi, Suneel Upadhye, Catherine M. Clement, Jennifer Brinkhurst, Christian Chabot, David Gibbons, Allan Skanes

FEATURE ARTICLE

- 343 Emergency department ultrasound for the detection of B-lines in the early diagnosis of acute decompensated heart failure: a systematic review and meta-analysis
Kyle McGivery, Paul Atkinson, David Lewis, Luke Taylor, Tim Harris, Kathleen Gadd, Jacqueline Fraser, George Stoica
-

GERIATRICS • GÉRIATRIE

- 353 Mobility assessments of geriatric emergency department patients: A systematic review
Debra Eagles, Krishan Yadav, Jeffrey J. Perry, Marie Josée Sirois, Marcel Emond
-
- 362 Discrepancy between information provided and information required by emergency physicians for long-term care patients
Richa Parashar, Shelley McLeod, Don Melady
-
- 368 Statement on Minimum Standards for the Care of Older People in Emergency Departments by the Geriatric Emergency Medicine Special Interest Group of the International Federation for Emergency Medicine
Brittany Ellis, Christopher R. Carpenter, Judy A. Lowthian, Simon P. Mooijaart, Christian H. Nickel, Don Melady
-

ATRIAL FIBRILLATION • FIBRILLATION AURICULAIRE

- 370 Between- and within-site variation in medication choices and adverse events during procedural sedation for electrical cardioversion of atrial fibrillation and flutter
David Clinkard, Ian Stiell, Eddy Lang, Stuart Rose, Catherine Clement, Robert Brison, Brian H. Rowe, Bjug Borgundvaag, Trevor Langan, Kirk Magee, Rob Stenstrom, Jeffery J. Perry, David Birnie, George Wells, Andrew McRae
-
- 377 Predictors of obtaining follow-up care in the province of Ontario, Canada, following a new diagnosis of atrial fibrillation, heart failure, and hypertension in the emergency department
Clare L. Atzema, Bing Yu, Noah M. Ivers, Paula A. Rochon, Douglas S. Lee, Michael J. Schull, Peter C. Austin
-
- 392 Implementation of an emergency department atrial fibrillation and flutter pathway improves rates of appropriate anticoagulation, reduces length of stay and thirty-day revisit rates for congestive heart failure
David Barbic, Chris DeWitt, Devin Harris, Robert Stenstrom, Eric Grafstein, Crane Wu, Cristian Vadeanu, Brett Heilbron, Jenelle Haaf, Stanley Tung, Dan Kalla, Julian Marsden, Jim Christenson, Frank Scheuermeyer
-

PEDIATRICS • PÉDIATRIE

- 401 Frequent users of the pediatric emergency department
Jade Seguin, Esli Osmanliu, Xun Zhang, Virginie Clavel, Harley Eisman, Robert Rodrigues, Maryam Oskoui
-
- 409 Parental experiences and preferences as participants in pediatric research conducted in the emergency department
Antonia S. Stang, Stephen B. Freedman, Angelo Mikrogianakis, Graham C. Thompson, Janie Williamson, David W. Johnson
-
- 420 Determining the clinical significance of errors in pediatric radiograph interpretation between emergency physicians and radiologists
Jonathan Taves, Steve Skitch, Rahim Valani
-
- 425 Dental injuries in younger emergency department patients
Vigil James, Yona R. Vandersluis, Evangeline W. J. Zhang, Dennis Scolnik
-

CJEM JOURNAL CLUB

- 432 Prevalence of pulmonary embolism in syncope patients
Sean Crooks, Eddy Lang
-

CAEP 2017 ACADEMIC SYMPOSIUM PAPERS

- 435 Recommendations for patient engagement in patient-oriented emergency medicine research
Patrick M. Archambault, Colleen McGavin, Katie N. Dainty, Shelley L. McLeod, Christian Vaillancourt, Jacques S. Lee, Jeffrey J. Perry, François-Pierre Gauvin, Antoine Boivin
-
- 443 Engaging emergency clinicians in emergency department clinical research
Andrew D. McRae, Jeffrey J. Perry, Jamie Brehaut, Erica Brown, Janet Curran, Marcel Emond, Corinne Hohl, Monica Taljaard, Ian G. Stiell
-
- 448 How to conduct implementation trials and multicentre studies in the emergency department
Ian G. Stiell, Jeffrey J. Perry, Jamie Brehaut, Erica Brown, Janet A. Curran, Marcel Emond, Corinne Hohl, Monica Taljaard, Andrew D. McRae
-
- 453 Review of implementation strategies to change healthcare provider behaviour in the emergency department
Kerstin de Wit, Janet Curran, Brent Thoma, Shawn Dowling, Eddy Lang, Nebojsa Kuljic, Jeffrey J. Perry, Laurie Morrison, on behalf of the CAEP Knowledge Translation Symposium Working Group
-

THE PENELOPE GRAY-ALLAN MEMORIAL CJEM WRITING AWARD

- 461 The other side of the curtain
Leo R. Carroll
-

RESIDENT ISSUES

- 463 The writer's guide to education scholarship in emergency medicine: Education innovations (part 3)
Andrew K. Hall, Carly Hagel, Teresa M. Chan, Brent Thoma, Aleisha Murnaghan, Farhan Bhanji
-
- 471 What to do when a patient wants to record a patient-physician interaction in the emergency department
Brodie Nolan, Alun Ackery, Bryan Au
-

CASE REPORT • RAPPORT DE CAS

- 476 Sweet syndrome presenting as a febrile rash in a returning traveller
Alexander Hart, Katharina Plenk, David Carr
-

IMAGES

- 479 Secondary cardiac cancer mimicking inferior ST elevation myocardial infarction – diagnosed using point-of-care ultrasound in the emergency department
Taft Micks, Patricia Kousaie, Aaron Guinn
-

WITHDRAWAL

- 480 Withdrawal of 'Assessing Efficacy of Lipid in Unstable, Non-Last Overdose Patients – RETRACTION'
Ian G. Stiell
-