



**CAEP** | Canadian Association  
of Emergency Physicians  
**ACMU** | Association canadienne  
des médecins d'urgence

**PRESIDENT / PRÉSIDENT**

**Bruce McLeod, MD**

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

**EDITOR-IN-CHIEF / RÉDACTEUR EN CHEF**

**James Ducharme, MD**  
McMaster University, Hamilton, Ont.

**SENIOR ASSOCIATE EDITORS / RÉDACTEURS ADJOINT**

**Riyad B. Abu-Laban, MD, MHSc**  
University of British Columbia, Vancouver, BC  
**Eddy Lang, MDCM**  
University of Calgary, Calgary, Alberta  
**Laurie J. Morrison, MD, MSc**  
University of Toronto, Toronto, Ont.  
**Marco L.A. Sivilotti, MD, MSc**  
Queen's University, Kingston, Ont.

**MANAGING EDITOR / RÉDACTRICE ADMINISTRATIVE**

**Andrea Schaffeler, BA, BJourn**  
Pickering, Ont.

**ASSISTANT MANAGING EDITOR / ADJOINTE À LA RÉDACTRICE ADMINISTRATIVE**

**Jennifer D. Artz, PhD**

**EDITOR EMERITUS / RÉDACTEUR ÉMÉRITE**

**Grant Innes, MD**  
University of Calgary, Calgary, Alta.

**ASSOCIATE EDITORS / RÉDACTEURS ASSOCIÉS**

**EM ADVANCES**  
**Jacques S. Lee, MD**, University of Toronto, Toronto, Ont.  
**Heather Murray, MD, MSc**, Queen's University, Kingston, Ont.  
**Ian G. Stiell, MD, MSc**, University of Ottawa, Ottawa, Ont.  
**CJEM JOURNAL CLUB**  
**Jo-Ann Talbot, MD**, Dalhousie University, Saint John, NB.  
**COMMUNITY EM**  
**David Mann, MD**, Powell River General Hospital, Powell River, BC.  
**DIAGNOSTIC CHALLENGE**  
**Brian Steinhart, MD**, St. Michael's Hospital, Toronto, Ont.  
**ED ADMINISTRATION**  
**Christopher M.B. Fernandes, MD**, University of Western Ontario, London, Ont.  
**EDITORIALS/RADICAL DEPARTURE**  
**Jeffrey Freeman, MD**, University of Michigan, Ann Arbor, Mich.  
**EDUCATION**  
**Jonathan Sherbino, MD, MEd**, St. Joseph's Hospital, Hamilton, Ont.  
**HUMOUR AND HUMANITY**  
**Jeffrey Freeman, MD**, University of Michigan, Ann Arbor, Mich.

**PUBLISHER / ÉDITEUR**

*CJEM* is owned by the Canadian Association of Emergency Physicians (CAEP). *CJEM* is published in January, March, May, July, September and November for CAEP by Decker Intellectual Properties. CAEP and Decker Intellectual Properties assume no responsibility or liability for damages arising from any error or omission, or from the use of any information or advice contained in the journal, including articles, editorials, case reports, reviews, media reviews, letters and advertisements. All editorial matter in

**INTERNATIONAL EM**

**Garth Dickinson, MD**, University of Ottawa, Ottawa, Ont.

**METHODOLOGY: THE SCIENCE OF EM**

Editor:

**Andrew Worster, MD, MSc**, McMaster University, Hamilton, Ont.

Reviewers:

**Andrew G. Day, MSc**, Queen's University, Kingston, Ont.

**Rob Stenstrom, MD, PhD**, University of British Columbia, Vancouver, BC.

**Garth Hunte, MD, PhD**, University of British Columbia, Vancouver, BC.

**PEDIATRIC EM**

**Ran Goldman, MD**, University of British Columbia, Vancouver, BC

**Niranjan Kissoon, MD**, University of British Columbia, Vancouver, BC

**PHARMACOTHERAPY**

**Peter J. Zed, BSc(Pharm), PharmD**, University of British Columbia, Vancouver, BC

**Jeff Eppler, MD**, Kelowna General Hospital, Kelowna, BC

**RESIDENT ISSUES EDITOR**

**Rohit Mohindra, MASc, MD**, McGill University, Montreal, QC

**STATE OF THE ART**

**Steven Brooks, MD, MHSc**, Queen's University, Kingston, Ont.

**TOXICOLOGY**

**Roy Pursell, MD**, University of British Columbia, Vancouver, BC

**EDITORS AT LARGE / RÉDACTEURS OCCASIONNELS**

**Paul Atkinson, MB BCH BAO, MA**, Dalhousie University & Saint John Regional Hospital, Saint John, NB

**Alix Carter, MD, MPH**, Dalhousie University, Halifax, NS

**Jim Christenson, MD**, University of British Columbia, Vancouver, BC

**Stephen Choi, MD**, The Ottawa Hospital, Ottawa, Ont.

**Robert S. Green, MD**, Dalhousie University, Halifax, NS

**James Maskalyk, MD**, St. Michael's Hospital, Toronto, Ont.

**Andrew McRae, MD, PhD**, University of Calgary, Calgary, Alberta

**Jeffrey Perry, MD, MSc**, University of Ottawa, Ottawa, Ont.

**Michael J. Schull, MD, MSc**, Toronto, Ont.

**Andrew H. Travers, BSc, MD, MSc (Epidemiol)**, Halifax, NS

**Suneel Upadhye, MD**, Hamilton, Ont.

**TRANSLATION / TRADUCTION**

Les Traductions Corpus

**EDITORIAL INQUIRIES**

Send to *CJEM*, c/o Andrea Schaffeler, Managing Editor, *Canadian Journal of Emergency Medicine*, 628 Cowan Circle, Pickering ON L1W 3K7; [cjem@rogers.com](mailto:cjem@rogers.com)

**SUBMISSIONS**

Submissions to *CJEM* should be made at <http://mc.manuscriptcentral.com/cjem>.

**SUBSCRIPTIONS AND ALL OTHER CORRESPONDENCE**

*CJEM* is owned by the Canadian Association of Emergency Physicians (CAEP) and printed by General Printers, on acid-free stock.

**CAEP Head Office:** 180 Elgin Street, Suite 808, Ottawa, ON K2P 2K3; tel 613 523-3343; fax 613 523-0190; [admin@caep.ca](mailto:admin@caep.ca)

Address changes: contact [customercare@deckerpublishing.com](mailto:customercare@deckerpublishing.com). Requests for permission to reproduce items in *CJEM*: contact [permissions@deckerpublishing.com](mailto:permissions@deckerpublishing.com)

*CJEM* represents the opinions of the authors and not necessarily those of CAEP, the publisher, its subsidiaries and their respective directors.

**JOURNALS MANAGER**

**Paula Mucci**

**ADVERTISING / ANNONCES**

**John D. Birkby**  
[jbirkby@andrewjohnpublishing.com](mailto:jbirkby@andrewjohnpublishing.com)