



**CAEP • Canadian Association of
Emergency Physicians**

**ACMU • Association canadienne
des médecins d'urgence**

www.caep.ca

PRESIDENT / PRÉSIDENTE

Mary Lynn Watson, MD, CCFP(EM)

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

EDITOR-IN-CHIEF / RÉDACTEUR EN CHEF

Grant Innes, MD

University of British Columbia, Vancouver

cjem@caep.ca

SENIOR ASSOCIATE EDITORS / RÉDACTEURS ADJOINT

James Ducharme, MD

Dalhousie University, Saint John, NB

Riyad B. Abu-Laban, MD, MHSc

University of British Columbia, Vancouver

MANAGING EDITOR / RÉDACTRICE ADMINISTRATIVE

Penelope Gray-Allan, BA, BSc

cjem@caep.ca

ASSOCIATE EDITORS / RÉDACTEURS ASSOCIÉS

EM ADVANCES (original research)

Jacques S. Lee, MD, University of Toronto, Toronto

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

Christian Vaillancourt, MD, MSc, University of Ottawa, Ottawa

CJEM JOURNAL CLUB

Michael J. Bullard, MD, University of Alberta, Edmonton

Eddy S. Lang, MD CM, McGill University, Montréal

CASE REPORTS

Anthony S. Taylor, MD, University of Calgary, Calgary

COMMUNITY EM

David Mann, MD, Powell River General Hospital, Powell River, BC

METHODOLOGY: THE SCIENCE OF EM

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

PHARMACOTHERAPY

Peter J. Zed, BSc(Pharm), PharmD, Dalhousie University, Halifax, NS

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

ED ADMINISTRATION

Christopher M.B. Fernandes, MD, McMaster University,
Hamilton, Ont.

Marc Afilalo, MD, McGill University, Montréal

EDUCATION

Jason R. Frank, MD, MA (Ed), University of Ottawa, Ottawa

STATE OF THE ART (review articles and topical updates)

Jeffrey R. Brubacher, MD, University of British Columbia,
Vancouver

TOXICOLOGY

Roy Pursell, MD, University of British Columbia, Vancouver

CONTROVERSIES (issues and commentaries)

Jeffrey Freeman, MD, University of Michigan, Ann Arbor, Mich.

PEDIATRIC EM

Lance Brown, MD, Loma Linda University Medical Center
and Children's Hospital, Loma Linda, Calif.

Ran Goldman, MD, Hospital for Sick Children, Toronto

Niranjan Kissoon, MD, University of Florida HSC/Jacksonville,
Jacksonville, Fla.

HUMOUR AND HUMANITY

Jeffrey Freeman, MD, University of Michigan, Ann Arbor, Mich.

DIAGNOSTIC CHALLENGE

Joseph Finkler, MSc, MD, University of British Columbia, Vancouver

INTERNATIONAL EM

Garth Dickinson, MD, Christ Church, Barbados

MEDICAL MYTHOLOGY

Mel Herbert, MD, University of Southern California, Los Angeles

RESIDENT ISSUES

Shelby Haque, MD, University of Alberta, Edmonton

Aaron Sibley, MD, University of Alberta, Edmonton

Vol. 9, No. 1, January / janvier 2007

TABLE OF CONTENTS • TABLE DES MATIÈRES

EDITORIAL • ÉDITORIAL

Ruminations on a (newly indexed) journal
G. Innes 5

ORIGINAL RESEARCH • RECHERCHE ORIGINALE

ADVANCES

Minimally angulated pediatric wrist fractures: Is immobilization
without manipulation enough?
K. Al-Ansari, A. Howard, B. Seeto, S. Yoo, S. Zaki, K. Boutis 9

ADVANCES

Penetrating trauma in Ontario emergency departments:
a population-based study
A.K. Macpherson, M.J. Schull 16

ADVANCES

Variations in monetary distribution among Ontario's Alternative
Funding Agreement workload model hospitals
M. Whyne, G. Whyne, B.H. Rowe 21

EDUCATION • ÉDUCATION

CJEM JOURNAL CLUB

Does the administration of intravenous aminophylline improve
survival in adults with bradyasystolic cardiac arrest?
K.F. Hurley 26

MEDICAL MYTHOLOGY

Myth: Parenteral ketorolac provides more effective analgesia
than oral ibuprofen
S. Arora, J.G. Wagner, M. Herbert 30

DIAGNOSTIC CHALLENGE

Is it real?; Answer
I. Grate, Jr., T. Peter 33; 60

COMMENTARIES • COMMENTAIRES

Critical care response teams: potential roles for emergency physicians
S. Upadhye, E.P. Rivers, A. Worster 34

Critical care response teams: A step forward in patient care,
or a step closer to an emergency physician manpower crisis?
J. Ducharme 38

EDITORS AT LARGE / RÉDACTEURS OCCASIONNELS

Tim Allen, MD, Quebec City
Greta Cummings, BScN, MEd, RN, PhD, Edmonton
Brian Goldman, MD, Toronto
Daniel W. Howes, MD, Kingston, Ont.
Shane Neilson, BSc, MD, Halifax
Michael J. Schull, MD, MSc, Toronto
Marco Sivilotti, MD, MSc, Kingston, Ont.
Andrew H. Travers, BSc, MD, MSc (Epidemiol), Halifax

BUSINESS AND PROMOTION

Chris Evans, MD cevans@ualberta.ca
University of Alberta, Edmonton

TRANSLATION / TRADUCTION

Danielle Séguin-Tétreault, MTrad

MARKETING AND ADVERTISING SALES / MARKETING ET PUBLICITÉ

Keith Communications Inc. info@keithhealthcare.com
Toronto: 905 278-6700 or 800 661-5004; fax 905 278-4850
Montréal: 514 624-6979 or 877 761-0447; fax 514 624-6707

CJEM is owned by the Canadian Association of Emergency Physicians (CAEP) and printed by Dollco Printing, Ottawa, on acid-free stock.

CAEP Head Office: 1785 Alta Vista Dr., Ste. 104, Ottawa ON K1G 3Y6; tel 613 523-3343; fax 613 523-0190; cjem@caep.ca

Editorial inquiries, submissions and all other correspondence:

Send to *CJEM*, c/o Dr. Grant Innes, Dept. of Emergency Medicine, St. Paul's Hospital, 1081 Burrard St., Vancouver BC V6Z 1Y6; 604 806-8980, cjem@caep.ca

Instructions for Authors, Service Information: see Table of Contents. Address changes or requests for permission to reproduce items in *CJEM*: contact cjemsubscriptions@caep.ca

Indexed by MEDLINE/PubMed, EMBASE, CINAHL, International Pharmaceutical Abstracts (IPA), BIOME/OMNI, Scirus, Cochrane Prehospital and Emergency Health Field, and PubsHub.com.

Publications mail agreement no. 0344505499. USPS #017-766; periodical postage paid at Champlain, NY. Return undeliverable copies to the CAEP Head Office or to IMS of NY, 100 Walnut St., #1, PO Box 1518 Champlain NY 12919-1518. ISSN 1481-8035.

We acknowledge the financial support of the Government of Canada, through the Canada Magazine Fund, toward our editorial costs.



Canada

All prescription drug advertisements have been cleared by the Pharmaceutical Advertising Advisory Board.

© 2007 Canadian Association of Emergency Physicians
Association canadienne des médecins d'urgence

PUBLISHER / ÉDITEUR

CJEM is published in January, March, May, July, September and November for CAEP by the Canadian Medical Association (CMA), Ottawa. CAEP and the CMA 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 *CJEM* represents the opinions of the authors and not necessarily those of CAEP or the CMA.

DIRECTOR, PUBLICATIONS / DIRECTRICE, SERVICES D'ÉDITION

Glenda Proctor

EDITOR / RÉDACTRICE

Jennifer E. Raiche

800 663-7336 x2114; fax 613 565-2382; jennifer.raiche@cma.ca

PRODUCTION

Kathryn A. Freamo

Nicole Barbeau, Clara Walker

CLASSIFIED ADVERTISING / ANNONCES CLASSÉES

Beverley Kirkpatrick, Deborah Rodd

613 731-8610 x2127/2314; fax 613 565-7488; advertising@cma.ca

DISPLAY ADVERTISING / ANNONCES PUBLICITAIRES

Deborah Woodman, 613 731-8610 x2159

CASE REPORTS • OBSERVATIONS DE CAS

Purulent pericarditis in a patient with rheumatoid arthritis treated with etanercept and methotrexate
D.D. Sweet, G. Isac, B. Morrison, J. Fenwick, V. Dhingra 40

Right subclavian catheter perforation of the aorta due to an incorrect external landmark-guided insertion technique
R. Haaverstad, P.N. Latto, N. Vitale 43

IMAGES • IMAGES

A rare case of penetrating knee injury by a rope
B. Petersen, W. Findlay, E.N. Vu 46

HUMOUR AND HUMANITY • HUMOUR ET HUMANITÉ

ACH: Career Opportunity in Emergency Medicine
A. Lund 71

LETTERS

Etomidate and RSI: How important is post-intubation hypotension?,
R. Green; Response, M.L.A. Sivilotti 3

NEWS • NOUVELLES

Emergency physicians receive Who's Who in Healthcare Awards.
Emergency physician wins Giller Prize, *S. Neilson*.
CMA editor extraordinaire retires. 47

EM RESEARCH FELLOWSHIP 49

CALL FOR PAPERS 49

CALENDAR • CALENDRIER 50

SERVICE INFORMATION • SERVICES 52

INSTRUCTIONS FOR AUTHORS • INSTRUCTIONS POUR LES AUTEURS 53; 56

CLASSIFIED ADVERTISING • ANNONCES CLASSÉES 65



ABOUT THE COVER:

Top: Main entrance, National Library of Medicine, Bethesda, Maryland. The NLM was founded in 1836 and established on this site in 1961.



Bottom: NLM complex. Lister Hill Center for Biomedical Communications Records on the left

Why feature the NLM on our cover? See the Editorial, page 5.

Photos courtesy US National Library of Medicine

**ADVERTISERS' INDEX
INDEX DES ANNONCEURS**

Abbott Laboratories, Limited
72, Inside Back Cover

Pfizer Canada Inc.
Lyrica Pregabalin 61, 62, 63, 64, Outside Back Cover