



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

www.caep.ca

PRESIDENT / PRÉSIDENT

Andrew W. Affleck, MD, CCFP

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

EDITOR-IN-CHIEF / RÉDACTEUR EN CHEF

Grant Innes, MD cjem@caep.ca
University of British Columbia, Vancouver

SENIOR ASSOCIATE EDITOR / RÉDACTEUR ADJOINT

James Ducharme, MD jim_ducharme@bigfoot.com
Dalhousie University, Saint John, NB

MANAGING EDITOR / RÉDACTRICE ADMINISTRATIVE

Heidi Innes, BSc, BEd 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

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

SMALL URBAN AND RURAL ISSUES
James M. Thompson, MD, Dalhousie University, Charlottetown

METHODOLOGY: THE SCIENCE OF EM
Riyad B. Abu-Laban, MD, MHSc, University of British Columbia,
Vancouver

PHARMACOTHERAPY
Peter J. Zed, BSc(Pharm), PharmD, University of British Columbia,
Vancouver
Jeff Eppler, MD, Kelowna General Hospital, Kelowna, BC

ED ADMINISTRATION
Jeremy M. Etherington, MD, St. Paul's Hospital, Vancouver

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

STATE OF THE ART (review articles and topical updates)
Vacant

TOXICOLOGY
Roy Purssell, MD, University of British Columbia, Vancouver

CONTROVERSIES (issues and commentaries)
Jeffrey Freeman, MD, University of Michigan, Ann Arbor, Mich.

PEDIATRIC EM
Ran Goldman, MD, Hospital for Sick Children, Toronto
Niranjan Kissoon, MD, University of Florida HSC/Jacksonville,
Jacksonville, Fla.

HUMOUR AND HUMANITY
Virginia Robinson, MD, Fernie District Hospital, Fernie, BC

DIAGNOSTIC CHALLENGE
Robert McGraw, MD, Queen's University, Kingston, Ont.

INTERNATIONAL EM
Garth Dickinson, MD, Christ Church, Barbados

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

RESIDENT ISSUES
Cameron MacGougan, MD, University of Alberta, Edmonton
Paul Tourigny, MD, Queen's University, Kingston, Ont.

Vol. 7, No. 1, January / janvier 2005

TABLE OF CONTENTS • TABLE DES MATIÈRES

LETTERS • COURRIER	4
Etomidate and rapid sequence intubation, <i>E. Willman, A. Litchfield, G. Andolfatto.</i>	
ED ADMINISTRATION • L'ADMINISTRATION DE LA MU	
Emergency department discharge instructions comprehension and compliance study <i>C. Clarke, S.M. Friedman, K. Shi, T. Arenovich, J. Monzon, C. Culligan</i>	
	5
Patient expectations of emergency department care: phase I — a focus group study <i>D. Watt, W. Wertzler, G. Brannan</i>	
	12
EM ADVANCES • INNOVATIONS EN MU	
Influenza vaccination rate among emergency department personnel: a survey of four teaching hospitals <i>I. Saluja, K.D. Theakston, J. Kaczorowski</i>	
	17
PHARMACOTHERAPY • PHARMACOTHÉRAPIE	
The role of clopidogrel in the emergency department <i>P. Patel, L. Cheng</i>	
	22
L'ADMINISTRATION DE LA MU • ED ADMINISTRATION	
Révision de <i>L'échelle canadienne de triage et de gravité pour les départements d'urgence : Guide d'implantation</i> <i>M. Murray, M. Bullard, E. Grafstein; pour les Groupes de travail nationaux sur l'ÉTG et le SIDUC</i>	
	28
EDUCATION • ÉDUCATION	
Emergency medicine teaching faculty perceptions about formal academic sessions: "What's in it for us?" <i>G.W. Bandiera, L. Morrison</i>	
	36
STATE OF THE ART • SELON LES RÈGLES DE L'ART	
Hypothermic modulation of anoxic brain injury in adult survivors of cardiac arrest: a review of the literature and an algorithm for emergency physicians <i>R.S. Green, D. Howes; on behalf of the CAEP Critical Care Committee</i>	
	42

EDITORS AT LARGE / RÉDACTEURS OCCASIONNELS

Tim Allen, MD, Quebec City
Lance Brown, MD, MPH, FACEP, Loma Linda, Calif.
Jeffrey R. Brubacher, MD, Vancouver
Greta Cummings, BScN, MEd, RN, PhD, Edmonton
Christopher M.B. Fernandes, MD, Hamilton, Ont.
Brian Goldman, MD, MCFP (EM), Toronto
Daniel W. Howes, MD, FRCPC, 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
Andrew Worster, MD, MSc, Hamilton, Ont.

WEB SITE

Jim Squires, MD jsemergdoc@rogers.com
Guelph General Hospital, Guelph, Ont.

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.

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:
CJEM, c/o Dr. Grant Innes, Dept. of Emergency Medicine, St. Paul's Hospital, 1081 Burrard St., Vancouver BC V6Z 1Y6; 604 806-8980, fax 604 608-9810, cjem@caep.ca

Instructions for Authors, Service Information: see Table of Contents. Address changes or requests for permission to reproduce items in *CJEM*: contact Susan Norrington at the CAEP Head Office.

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.



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

© 2005 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, 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.

PRESIDENT, CMA PUBLICATIONS / PRÉSIDENT, PUBLICATIONS DE L'AMC
Graham Morris

ASSOCIATE DIRECTOR, PUBLISHING SERVICES
DIRECTRICE ASSOCIÉE, SERVICES D'ÉDITION
Glenda Proctor, MSc, ELS

EDITOR / RÉDACTRICE, PUBLICATIONS
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
Beverly Kirkpatrick, Deborah Rodd, Tracy Huckabone
613 731-8610 x2127/2314; fax 613 565-7488; advertising@cma.ca

DISPLAY ADVERTISING / ANNONCES PUBLICITAIRES
Nancy Pope, 613 731-8610 x2111

CJEM JOURNAL CLUB • CLUB DE LECTURE JCMU

Vasopressin versus epinephrine for out-of-hospital cardiopulmonary resuscitation
A. Worster, S. Upadhye, C.M.B. Fernandes 48

CASE REPORT • OBSERVATIONS DE CAS

Acute pneumoperitoneum following coitus
R. Manchanda, A. Refaie 51

NEWS • NOUVELLES

CAEP Annual Scientific Assembly, May 28–June 1, 2005:
Call for Abstracts 54

Assemblée scientifique annuelle de l'ACMU.
Du 28 mai au 1^{er} juin 2005 : Appel de résumés de recherche 55

CAEP EM Teacher of the Year and CAEP EM Resident Leadership Awards 56

CAEP RESEARCH GRANTS 2005 57

CALENDAR • CALENDRIER 58

INSTRUCTIONS FOR AUTHORS 60

INSTRUCTIONS POUR LES AUTEURS

Visitez www.caep.ca/cjem

SERVICE INFORMATION • SERVICES 63

CLASSIFIED ADVERTISING • ANNONCES CLASSÉES 71



ABOUT THE COVER:

August 2004

Two views of Mount Sinai Hospital,
University Avenue, Toronto.

Photos by: Dr. Bjug Borgundvaag