



**CAEP • Canadian Association of  
Emergency Physicians**

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

[www.caep.ca](http://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, BC

[cjem@caep.ca](mailto:cjem@caep.ca)

**SENIOR ASSOCIATE EDITORS / RÉDACTEURS ADJOINT**

**James Ducharme, MD**

McMaster University, Hamilton, Ont.

**Riyad B. Abu-Laban, MD, MHSc**

University of British Columbia, Vancouver, BC

**MANAGING EDITOR / RÉDACTRICE ADMINISTRATIVE**

**Penelope Gray-Allan, BA, BSc**

Vancouver, BC

[cjem@caep.ca](mailto:cjem@caep.ca)

**ASSOCIATE EDITORS / RÉDACTEURS ASSOCIÉS**

EM ADVANCES (original research)

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

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

**Christian Vaillancourt, MD, MSc**, University of Ottawa, Ottawa, Ont.

CJEM JOURNAL CLUB

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

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

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**, University of Western Ontario,  
London, Ont.

**Marc Afilalo, MD**, McGill University, Montréal, Que.

EDUCATION

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

STATE OF THE ART (review articles and topical updates)

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

TOXICOLOGY

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

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, Ont.

**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, BC

INTERNATIONAL EM

**Garth Dickinson, MD**, Christ Church, Barbados

MEDICAL MYTHOLOGY

**Mel Herbert, MD**, University of Southern California, Los Angeles, Calif.

RESIDENT ISSUES

**Shelby Haque, MD**, University of Alberta, Edmonton, Alta.

**Aaron Sibley, MD**, University of Alberta, Edmonton, Alta.

Vol. 9, No. 3, May / mai 2007

## TABLE OF CONTENTS • TABLE DES MATIÈRES

### ORIGINAL RESEARCH • RECHERCHE ORIGINALE

#### ADVANCES

External validation of the San Francisco Syncope Rule in  
the Australian context

*T.M. Cosgriff, A.-M. Kelly, D. Kerr*

157

Emergency department dispositions among 4100 youth  
injured by violence: a population-based study

*C.E. Snider, J.S. Lee*

164

### EDUCATION • ÉDUCATION

#### DIAGNOSTIC CHALLENGE

The vanishing lung; Answer

*N.N. Shah, R. Bhargava, Z. Ahmed, D.K. Pandey,*

*M. Shameem, A.A. Bachh, K.A. Dar*

170; 233

### INTERNATIONAL • INTERNATIONALE

Prehospital and emergency department care in South Korea

*S-H Choi, Y-S Hong, S-W Lee, I-C Jung, C-S Kim*

171

### COMMENTARY • COMMENTAIRE

Risk stratification of patients with syncope

*J. Quinn*

174

### CASE REPORT • OBSERVATIONS DE CAS

Scrofula as a presentation of tuberculosis and HIV

*K. Barnett, R. Medzon*

176

### HUMOUR AND HUMANITY • HUMOUR ET HUMANITÉ

What if it were your father?

*C.C. Keirns*

180

**EDITORS AT LARGE / RÉDACTEURS OCCASIONNELS**

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

**BUSINESS AND PROMOTION**

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

**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**

**MANAGING EDITOR / DIRECTRICE DE LA RÉDACTION**  
**Molly Meitin**  
800 663-7336 x2114; fax 613 565-2382; molly.meitin@cma.ca

**PROOFREADING / LECTURE D'ÉPREUVES**  
**Kristen Hines, Eryn Kirkwood**

**TRANSLATION COORDINATOR / COORDONNATRICE, TRADUCTIONS**  
**Marie Saumure**

**PRODUCTION**  
**Kathryn A. Freamo**  
**Nicole Barbeau, Clara Walker**

**CLASSIFIED ADVERTISING / ANNONCES CLASSÉES**  
**Beverly 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

**ORIGINAL RESEARCH • RECHERCHE ORIGINALE**

**2007 SCIENTIFIC ABSTRACTS**

2007 CAEP/ACMU Scientific Abstracts Presented at CAEP 2007,  
June 2–6, 2007, Victoria, BC 183  
Author Index 227  
Key Word Index 230

**NEWS**

Emergency physician awarded 3M National Teaching Fellowship 182

**CALENDAR • CALENDRIER**

232

**CLASSIFIED ADVERTISING • ANNONCES CLASSÉES**

244

**INSTRUCTIONS FOR AUTHORS • INSTRUCTIONS POUR LES AUTEURS**

Visit / visitez [www.caep.ca](http://www.caep.ca)

**SERVICE INFORMATION • SERVICES**

Visit / visitez [www.caep.ca](http://www.caep.ca)



**ABOUT THE COVER:**

For information about prehospital and ED care in South Korea, see page 171.

Top: A 119 ambulance and a private ambulance at Korea University Hospital Emergency Department.



Bottom: A 119 ambulance at Korea University Hospital Emergency Department.

**ADVERTISERS' INDEX  
INDEX DES ANNONCEURS**

**Abbott Laboratories, Limited**

Factive 162, 163, 236, 237

**Paladin Labs Inc.**

Twinject 169, 235

**Pfizer Canada Inc.**

Celebrex 240, 241, 242, Outside back cover

**Wyeth**

Tazocin Inside front cover, 153, 238, 239