

CJEM JCMU

MAY / MAI 2020 Vol. 22 Supplement 1

CAEP/ACMU 2020 Scientific Abstracts



CAEP | ACMU

CAMBRIDGE
UNIVERSITY PRESS

THANK YOU TO ALL OF OUR MEMBERS WHO RENEWED FOR 2020.

Please enjoy these CAEP member benefits.



**Pediatric
Emergency Care**

DEDICATED TO THE CARE OF THE ILL OR INJURED CHILD

*For residents and medical
students only.*



Questions? Contact:

CHRISTINA BOVA
SENIOR MANAGER MEMBERSHIP & PUBLIC AFFAIRS
CBOVA@CAEP.CA

CJEM JCMU

Vol. 22, No. S1
May 2020/mai 2020

cjem-online.ca



Table of Contents • Table des matières

Message from Research Committee Representatives	S1
CAEP/ACMU 2020 Abstract Awards	S2
ABSTRACTS	
Plenary Oral Presentations	S5
Oral Presentations	S6
Moderated Poster Presentations	S42
Poster Presentations	S64
INDEXES	
Keyword Index	S118
Author Index	S122

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, MDCM
University of Calgary, Canada

Managing Editor

Jennifer Brinkhurst, BAH
Ottawa, Canada

Assistant Managing Editor

Jacqueline Fraser, RN, BN
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, MSc, MD
McMaster University, Canada

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

Marcel Émond, MD, MSc
Université Laval, Canada

Ran Goldman, MD
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, MSc, MD
McMaster University, Canada

Catherine Patocka, MDCM, MHPE
University of Calgary, Canada

Naveen Poonai, MD, MSc
Western University, Canada

Brian Steinhart, MD
University of Toronto, Canada

Daniel K. Ting, MD
University of British Columbia, Canada

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

Associate Editors

Garth Dickinson, MD
University of Ottawa, Canada

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

Mete Erdogan, 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, Kingston, Canada

Jeffrey Perry, MD, MSc
University of Ottawa, Canada

Roy Pursell, 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, MD
McMaster University, Canada

Social Media Editors

Hans Rosenberg, MD
University of Ottawa, Canada