

## UNBC Brown Bag Lunch Series

Trends in prehospital research: opportunities for engagement

April 25, 2019

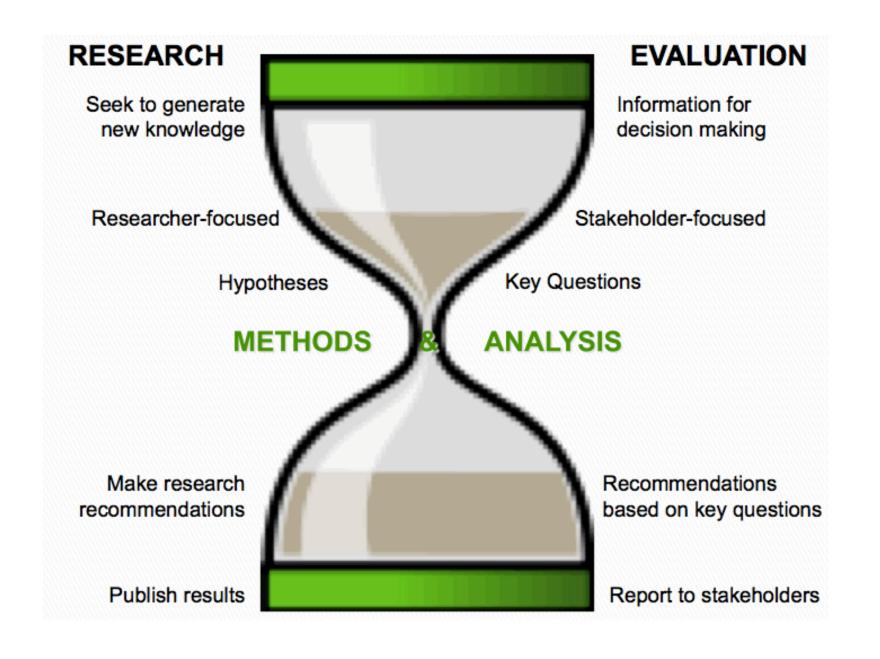
F. Besserer MD, FRCPC







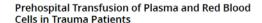












John B. Holcomb, Daryn P. Donathan, Bryan A. Cotton, Deborah J. del Junco, Georgian Brown, Toni von Wenckstern, Jeanette M. Podbielski, Elizabeth A. Camp, Rhonda Hobbs, Yu Bai, Michelle Brito, Elizabeth Hartwell, James Red Duke & Charles E. Wade

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## INTERNATIONAL

Research

JAMA | Original Investigation

# Effect of a Strategy of a Supraglottic Airway Device vs Tracheal Intubation During Out-of-Hospital Cardiac Arrest on Functional Outcome The AIRWAYS-2 Randomized Clinical Trial

Jonathan R. Benger, MD; Kim Kirby, MRes; Sarah Black, DClinRes; Stephen J. Brett, MD; Madeleine Clout, BSc; Michelle J. Lazaroo, MSc; Jerry P. Nolan, MBChB; Barnaby C. Reeves, DPhil; Maria Robinson, MOst; Lauren J. Scott, MSc; Helena Smartt, PhD; Adrian South, BSc (Hons); Elizabeth A. Stokes, DPhil; Jodi Taylor, PhD; Matthew Thomas, MBChB; Sarah Voss, PhD; Sarah Wordsworth, PhD; Chris A. Rogers, PhD















## NATIONAL







Canadian Journal of Cardiology 35 (2019) 107-132

### **Society Guidelines**

## 2019 Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology Guidelines on the Acute Management of ST-Elevation Myocardial Infarction: Focused Update on Regionalization and Reperfusion

Primary Panel: Graham C. Wong, MD, MPH, (Co-chair), Michelle Welsford, MD, Craig Ainsworth, MD, Wael Abuzeid, MD, MSc, Christopher B. Fordyce, MDCM, MHS, MSc, Jennifer Greene, BSc, ACP, Thao Huynh, MD, MSc, PhD, Laurie Lambert, MPH, PhD, Michel Le May, MD, Sohrab Lutchmedial, MDCM, Shamir R. Mehta, MD, MSc, Madhu Natarajan, MD, MSc, Colleen M. Norris, RN, MN, PhD, Christopher B. Overgaard, MD, MSc, Michele Perry Arnesen, MHA, BSN, RN, Ata Quraishi, MBBS, Jean François Tanguay, MD, Mouheiddin Traboulsi, MD, Sean van Diepen, MD, MSc, Robert Welsh, MD, David A. Wood, MD, and Warren J. Cantor, MD, (Co-chair); and members of the Secondary Panel\*

"Vancouver General Hospital, University of British Columbia, Vancouver, British Columbia, Canada; b Hamilton Health Sciences, McMaster University, Hamilton, Onsario, Canada; 'Kingston Health Sciences Centre, Queen's University, Kingston, Onsario, Canada; Queen Elizabeth II Health Sciences Centre, Dalhowie University, Halifax, Nosa Scotia, Canada; McGill University Health Centre, McGill University, Montré al, Québec, Canada; Institut National d'Excellence en Santé es en Services Sociaux, Montré al, Québec, Canada; The University of Ostava Heart Institute, University of Ostava, Ostava, Ostava, Ostava, Canada; New Brumwick Heart Centre, Dalhowie University, Halifax, Nosa Socia, Canada; Mastankowski Heart Institute, University of Albora, Edmonton, Alberta, Canada; University Health Network, University of Toronto, Ontario, Canada; Burnaby Hospital, Fraer Health Authority, Burnaby, British Colombia, Canada; Bouthlake Regional Health Centre, University of Toronto, Ontario, Ontario, Canada

PAIN MANAGEMENT AND SEDATION/ORIGINAL RESEARCH

Prehospital Analgesia With Intranasal Ketamine (PAIN-K): A Randomized Double-Blind Trial in Adults

Gary Andolfatto, MD\*; Keisey Innes, MD; William Dick, MD; Sanéra Jenneson, MD; Elaine Willman, MD; Robert Stenetrom, MD; Peter J. Zed, PharmD; Gene Benot, CCP

## **FRONTIER Study**

The FRONTIER Study will determine the effectiveness of an emergency drug called NA-1 in reducing brain damage and disabilities in patients experiencing an acute stroke.

#### TXA Study



## PROVINCIAL

## Prehospital Analgesia With Intranasal Ketamine (PAIN-K): A Randomized Double-Blind Trial in Adults

Gary Andolfatto, MD\*; Kelsey Innes, MD; William Dick, MD; Sandra Jenneson, MD; Elaine Willman, MD; Robert Stenstrom, MD; Peter J. Zed, PharmD; Gene Benoit, CCP

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Annals of Emergency Medicine 1







## **Northern Medical Program**





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#### Resuscitation



#### Clinical paper

Early advanced life support attendance is associated with improved survival and neurologic outcomes after non-traumatic out-of-hospital cardiac arrest in a tiered prehospital response system





EUROPEAN RESUSCITATION COUNCIL

LOCAL



Available online at www.sciencedirect.com

## Resuscitation





### Clinical paper

Early advanced life support attendance is associated with improved survival and neurologic outcomes after non-traumatic out-of-hospital cardiac arrest in a tiered prehospital response system



Brian Grunau<sup>a,b,c,\*</sup>, Takahisa Kawano<sup>b,d</sup>, Frank Scheuermeyer<sup>a,b,c</sup>, John Tallon<sup>a,e</sup>, Joshua Reynolds<sup>f</sup>, Floyd Besserer<sup>a,g</sup>, David Barbic<sup>a,b,c</sup>, Steven Brooks<sup>h</sup>, Jim Christenson<sup>a,b</sup>





Implementing
Rural Advanced Care Community Paramedics
in Rural and Remote British Columbia:
A Qualitative Research Approach

Principal Investigators:

Dr. Floyd Besserer MD, FRCPC

Dr. Davina Banner PhD, RN





