# **NEWSLETTER**

# Canadian Critical Care Society THE VOICE OF CRITICAL CARE

November 2016 Issue



### **Communications**

### Dr. Bojan Paunovic

#### 1. Communications Committee

The main function of this committee is to promote communication between the CCCS and its members, and the CCCS and the critical care community.

We are looking for current trainees or recent graduates to join the committee and help us to develop our communication strategies through traditional and innovative (i.e., social media) means.

### There are many opportunities to get involved!!

Please consider becoming a member of a CCCS committee (communications, scientific, knowledge translation, education, or clinical committees)

2. The CCCF is now the official meeting of the CCCS.

## **Pre-Survey Announcements**

The CCCS and RCPSC (at the request of the Committee on Specialties) will be administering a questionnaire in January 2017 to understand physician resource requirements and job satisfaction among practicing intensivists in <u>all</u> ICU settings in Canada. PLEASE PARTICIPATE!

We plan to conduct a second survey of medical directors of adult ICUs/PICUs in the near future.

## **Scientific Highlights**

#### Dr. Karen E. A. Burns

#### **Now Recruiting**

**STARRT-AKI (PIS Drs. Ron Wald and Sean Bagshaw)** An RCT comparing accelerated vs. standard initiation of renal replacement therapy.

**BALANCE (PIs Drs. Nick Daneman and Rob Fowler)** An RCT comparing longer vs. shorter duration antimicrobial therapy for critically ill patients with bacteremia.

**PROSPECT: (PIs Drs. J Johnstone and Deborah Cook)** An RCT evaluating the effect of probiotics vs. placebo on VAP, diarrhea, other infections, and antibiotic use.

**DONATE Canada: (PIs Drs. Fred D'Aragon and Maureen Meade)** A multicenter prospective observational study of clinical practices related to donor care, organ assessments, and death declaration.

**ABC PICU (PI Dr. Marisa Tucci)** An RCT comparing standard issue red cell units to fresher red cells (stored for 7 days or less) in critically ill children.

**Squeeze Trial (PI Dr. Melissa Parker)** A pilot RCT comparing goal-directed fluid sparing strategy vs. usual care for the management of children with septic shock.

**VITdAL-PICU (PI Dr. Dayre McNally)** A pilot dose evaluation RCT to determine whether repeated weight based enteral vitamin D rapidly and safely normalizes vitamin D levels in critically ill children.

## **Knowledge Translation Committee**

### **Dr. Francois Lamontagne**

We have revisited the process for creating/endorsing clinical practice guidelines on behalf of the CCCS.

We aim to ensure that every CCCS guideline will meet the criteria for trustworthy guidelines.

Moving forward, two reviewers will independently review guidelines submitted to the CCCS using the AGREE-II tool framework.

If you would like to be involved in the review process please contact Narma at the CCCS office.

### **Education Committee**

#### Dr. Mithu Sen

Another successful Critical Care Review Course: The precourse on mechanical ventilation was very popular. The next course is planned for: May 31<sup>st</sup> - June 2<sup>nd</sup>, 2017 (http://www.criticalcarereview.ca)

RCPSC Competency By Design: Critical Care Medicine is in Wave 3 of the transition to competency-based education that has been called the most 'Novel paradigm in medical education after 100 years'. Look for updates in 2017 as the working group presents our Entrustable Professional Activities and associated milestones. (http://www.royalcollege.ca/rcsite/competence-design-e)

### **President's Corner**

Canada now has 4 Academic Departments of Critical Care: University of Calgary, Dalhousie University, Queen's University, and University of Alberta. Well done!

Liaison Committee: Thanks to Dr. Stephen Beed for a job well done! Welcome Dr. Vinay Dhingra as the new Director. This committee consists of provincial society reps as well as many of our linking groups

Ethics Committee: Dr. James Downar and colleagues have published our Guidelines on Withdrawal of Life-sustaining Therapy. *Position statement to follow.* 

Clinical Committee: Dr. Dominique Piquette is looking for individuals interested in supporting the continuing education of our members. *Did you see our Webinar on World Sepsis Day?* 

Meetings Committee: Dr. Peter Brindley represents us at international meetings. Contact Peter if you have ideas to enhance our national meeting.



### **CCCS/CCCF Research & Teaching Awards**

Presented at CCCF 2016 (Toronto, Canada)

- 1. The Garner King Award Best Clinical or Quality Improvement Study Dr. Kate Tatham (Imperial College, London, UK). "IMproving PAtient Consenting Transparency: A Quality Improvement Project".
- 2. Allan Spanier Award Best Education Study Dr. SH Stewart (UWO, London, Canada). "Developing a Cross-Discipline Evidence-Based Palliative Care Curriculum for Pediatric, Neurology, Anesthesia and ICU Residents"
- 3. Michael Ward Award Best Basic or Translational Science Study Dr. Victor Lo (McMaster University, Hamilton and Niagara Health Sciences, St. Catherines, Canada). "Impact of Initial Lactate Level on ED Management of Patients with Sepsis: A Multicentre Retrospective Cohort Study"
- 4. CCCF Outstanding Health Professional Abstract Award Dawn Opgenorth (University of Alberta, Edmonton, Canada). "Sources and Impact of Strain on Intensive Care Unit Capacity: a Survey of Critical Care Providers"
- 5. CCCF Outstanding Trainee Abstract Award Dr. Michael C. Sklar (Toronto, Canada). "Are Changes in Diaphragm Thickness During Mechanical Ventilation Associated With Outcomes? A Prospective Multi-Centre Cohort Study"
- **6. Frank S. Rutledge Excellence in Clinical Teaching Award – Dr. Baruch Toledano,** Pediatric Critical Care, Universite de Montreal "Mentoring Critical Care Fellows".

# Save the Date

Sept 10<sup>th</sup> - 16<sup>th</sup> , 2021

The 15<sup>th</sup> World Congress of Intensive and Critical Care Medicine will be held in Vancouver, Canada!

CCCS/CIHR session at CCCF 2016
Kudos to Dr. C. Dos Santos for organizing a wonderful session for our trainees!
(see pages 3 & 4 for full details)

The CCCS – 'The Voice of Critical Care in Canada' Encourage your residents and colleagues to become members!

## **Contact Us**

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Website: http://www.canadiancriticalcare.org

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# Joint Canadian Critical Care Society (CCCS) and Canadian Institute of Health Research (CIHR): Mini-Symposium at the Canadian Critical Care Forum (CCCF)

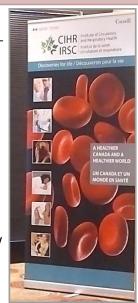
How We Got Started · Create a transformative mission

- · Reach people with your values
- Have strategic goals Start with 1 project & make it work
- · Lead with a trained investigator Ensure methodologic & statistical support
- Create the culture you desire
- · Anticipate & resolve conflicts
- Nurture innovation & change
- · Commit to completion
- · Consider research programs

After the welcome from our Society President, Dr. Alison Fox-Robichaud, the afternoon began with Dr. Deborah Cook reminding us of how the Canadian Critical Care Trials Group (CCCTG) was started and how the spirit of excellence, collaboration, and mentorship shaped our research and training landscape. The CCCTG exemplifies excellence in critical care research in Canada and internationally!



Dr. Alysha Crocker, acting manager, Science Strategy for the CIHR, presented the new CIHR Strategic Action Plan on Training with a special focus on how junior scientists and trainees can engage with CIHR.





The "THREE MINUTE PERSPECTIVE" session was one of the highlights of the afternoon. Drs. Michael Kim, Jatinder Juss, Lisa Burry, Benjamin Steinberg, and Jennifer Tsang discussed the rewards and challenges of pursuing a career in research while maintaining a busy clinical schedule. In an interactive forum, we shared suggestions, insights, and discussed current opportunities and how to access them.

Dr. Ryan Perry, research and training consultant for the CIHR Institute for Circulatory and Respiratory Health (ICRH), presented on the changing health research landscape, research impact frameworks, grant writing, and on the granting process, what reviewers are looking for, and how grants are evaluated. He shared valuable insights on funding research, pursuing a research career and how researchers can engage with CIHR and ICRH.





Dr. David Klein provided an important perspective on alternative models of research funding including collaboration with industry. Dr. Laurie Morrison inspired the audience by sharing her experiences in developing the highly successful "Rescu, a resuscitation research program".

We were delighted to see so many young (and some not-so-young!) prospective and established scientists and trainees at the minisymposium! It was a great privilege to share the afternoon with delegates from the CIHR. We hope this inaugural symposium will be the first of many!



# How to Engage with CIHR-ICRH?

- ICRH Strategic Plan Refresh (<a href="http://www.cihr-irsc.gc.ca/e/8663.html">http://www.cihr-irsc.gc.ca/e/8663.html</a>)
- Participate in Peer Review (<a href="mailto:IIRGrants-RLSubventions@cihr-irsc.gc.ca">IIRGrants-RLSubventions@cihr-irsc.gc.ca</a>)
- Complete CIHR-ICRH survey requests
- Complete grant reports
- Tell us your success stories (<u>ichr.iscr@ichr-irsc.gc.ca</u>)