

CAROLINAS/VIRGINIAS CHAPTER OF THE SOCIETY OF CRITICAL CARE MEDICINE

MEMBERSHIP NEWSLETTER- FALL/WINTER 2018 VOL. 2 ISSUE 3

RWANDA OUTREACH

KIGALI, RWANDA

Over the week of November 30th through December 4th, a group of Physicians, Advanced Practice Providers, and Nurses from the Carolinas Virginias Chapter of the Society for Critical Care Medicine went to Kigali, Rwanda in order to teach two Fundamentals of Critical Care Support (FCCS) courses to nurses, residents, and physicians.

Rwanda has approximately 12 million people and is only slightly larger than Central Virginia. Despite rapid economic growth over the last decade, Rwanda is classified as a low to medium income country. The University Central Hospital of Kigali (CHUK) is the main public hospital in the nation's capital. It has the capacity of 700 general beds, six adult ICU beds, three pediatric and one neonatal ICU bed. Other hospitals in the area have similar ICU bed capabilities. Their EMS system is still growing with only 265 ambulances for the whole country, staffed with nurses and non-physician anesthetists.

Over the two-day course, participants were taught a wide breadth of information including early recognition of the critically ill patient, basics of ventilatory and shock management, sepsis, acid-base and electrolyte management, pediatric airway, pregnancy complications, burns and basic trauma, and neurological complications.



Between the two FCCS courses there were 38 total participants from a variety of backgrounds and workplaces. Along the way, CVCSCCM's outreach team discovered the difference both in cultural standards and in capabilities of Rwanda as a whole health system and at the level of the individual hospitals. Overall, we received an overwhelmingly positive response from the participants. They are eager to learn and thankful for any help that can be offered.

The ultimate goal of the trip was to use FCCS as a means to improve education, confidence, and patient outcomes in Rwanda. Finally, the information learned from this visit will be used to modify and tailor the FCCS course to make it more appropriate for the capabilities of low to medium income countries.

-David A. Starling, AGACNP



ATRIUM HEALTH'S ICU LIBERATION SUMMIT

CHARLOTTE, NORTH CAROLINA

Atrium Health's Pulmonary & Critical Care Network and the Charlotte Area Health Education Center hosted the ICU Liberation Summit in Charlotte, North Carolina, on September 13th, 2018. The keynote speaker, Wes Ely, MD, presented a riveting discussion on patient connection and delirium. He spoke about the lasting impact of delirium on cognitive function and discussed the importance of focusing on A-F bundle elements such as early mobility and family involvement. He also urged clinicians to take the "less is more" approach of determining medications that can be reduced, rather than added, when delirium is present. He also noted that for every 10% increase in compliance with the A-F bundle, survival is improved by 15%, emphasizing the importance of incorporating these elements into daily practice.

Lesson from Dr. Ely's talk:

"Medicine cannot heal in a vacuum. It requires connection."

Rana Awdish, MD
In Shock, 2017

Atrium Health's approach to the A-F bundle, in collaboration with SCCM, focused on the importance of data-driven processes, the need for resources, leadership, and commitment in addition to a multidisciplinary approach. Panel discussions included pain, agitation, and delirium, early mobility and ICU rehabilitation, and ventilator liberation. The Virtual Critical Care team discussed which parts of the bundle could be performed virtually with tele-ICU resources. Additional panel presentations included family engagement and quality/data analytics. The day closed with a focus on ICU liberation through a financial lens.

Multidisciplinary specialists from across the healthcare system, several of whom are CVCSCCM members, served as speakers, including: Susan Evans, MD, Sonia Everhart, PharmD, John Hammer, PharmD, Brian Jefferson, DNP, Jonner Lowe, ACAGNP, Julia Retelski, CNS, Erika Setliff, DNP, and Jaspal Singh, MD. We would like to recognize Jaspal Singh, MD, who was chosen to be the co-Vice Chair of the SCCM ICU Liberation Committee, and Julia Retelski, CNS, who was appointed as a member of this committee.

Participants came away energized and eager to share what they had learned at their respective facilities to improve patient-centered outcomes.

-Desiree Kosmisky, PharmD, BCCCP, and Erika Setliff, DNP, RN, CCRN, ACNS-BC



Pictured above: CVCSCCM member John Hammer presents during a panel on pain, agitation, and delirium. Co-presenters included (L to R): Erika Setliff, Sonia Everhart, and Susan Evans. Julia Retelski moderated this session.

Pictured below: Jaspal Singh discusses implementation of the A-F bundle at Atrium Health.



RESEARCH COMMITTEE SPOTLIGHT

The CVCSCCM Research Committee is a new collaborative endeavor through which Chapter members can partner in the development of research. Specifically, the committee is charged with improving outcomes of critically ill patients in our region through the vetting, development and implementation of research. Further, the committee serves as a forum through which members may partner in order to promote their professional development in a collegial environment.

To date, the committee has engaged in the support of the Chapter's first research endeavor entitled "A Regional Appraisal of Burnout: The Carolinas/Virginias Chapter of SCCM." Findings from this endeavor will be presented by the study's Principal Investigator, Dr. Kwame Boateng, at SCCM's Clinical Congress in February 2019. New research that the committee will focus on during the first quarter of 2019 includes: 1) an evaluation of the integration of palliative care into critical care practice models in the region, 2) an evaluation of the impact of FCCS training provided to critical care practitioners in Rwanda, Africa, and 3) the development of a validated tool for the evaluation and intervention of alcohol withdrawal in critically ill intubated patients.

The committee would like to invite CVCSCCM members with research interests to join our collaborative efforts. Please contact Audis Bethea at audis.bethea@camc.org if you would like additional information or have interest in joining the committee.

TWITTER JOURNAL CLUB

New CVCSCCM member Ankit Sakhuja, MD, is interesting in starting a journal club for the Chapter via Twitter. He is an Assistant Professor of Medicine in the Department of Medicine Division of Cardiovascular Critical Care and the Department of Cardiovascular and Thoracic Surgery at West Virginia University in Morgantown, West Virginia. He has been an active participant in #nephjc on Twitter and will be moderating an interactive journal club on The Initiation of Dialysis Early Versus Delayed in the Intensive Care Unit (IDEAL-ICU) trial for @CVCSCCM this April. The IDEAL-ICU trial evaluated the impact of timing of initiation of renal-replacement therapy in patients in septic shock on mortality. Be on the lookout for an email with the time and date of this exciting opportunity! Please let us know if you are interested in participating in this or a future journal club by emailing the chapter at cvcscm@gmail.com

IDEAL-ICU Trial

Barbar SD, Clere-Jehl R, Bourredjem A, et. al. Timing of Renal-Replacement Therapy in Patients with Acute Kidney Injury and Sepsis. *New Engl J Med* 2018; 379:1431-1442.

SCCM CONGRESS SAVE-THE-DATE

Join us for the Business Meeting of CVCSCCM on Sunday, February 17th, 2019, from 3PM to 4PM at the 48th Critical Care Congress in San Diego, California. The meeting will be held at the Omni Hotel in Room Grand D. A social event will follow that evening with location and time TBD. We hope to see you there!

Please congratulate Carrie Griffiths, PharmD, BCCCP on her induction as a Fellow of the American College of Critical Care Medicine. Please also show your support for the numerous chapter members who are receiving Presidential Citations and presenting abstracts and educational sessions.





KWAME'S KORNER

QUARTERLY UPDATES FROM THE PRESIDENT OF CVCSCCM

I want to take this moment to thank everyone for your unwavering commitment and continuous contribution in the lives of our most vulnerable patients- the critically ill. As

we come close to the end of 2018, I also want to take this opportunity to wish everyone a happy merry Christmas.

We stand together today as we build upon our D.A.R.E strategic initiatives in advancing our patient care and professional growth within our region. I am pleased to inform you of the acceptance of the Regional Burnout work as an abstract snapshot during the 2019 SCCM Congress. As I write to you, your contribution as a member has aided in supporting 11 of our chapter members to travel to Kigali, Rwanda to provide and develop a long-term plan to enhance critical care collaboration in that part of the world. Your contribution has made it possible due to your membership and continuous engagement in this chapter. As we step into 2019, expect to hear of new endeavors such as a Twitter journal club, launching of mentorship initiatives, and new research efforts, all to support your professional growth and improve patient outcomes. I ask you today to join one of the committees in our region to aid in moving the vision forward. Thank you again.

Your Friend,

- Dr. Kwame Akuamoah-Boateng
President, Carolinas/Virginias Chapter

SOCIAL MEDIA

FACEBOOK AND TWITTER

Please join our Facebook group "SCCM Carolinas/Virginias Chapter" or follow us on Twitter @CVCSCCM for informal discussions and chapter updates.

ANNUAL SYMPOSIUM

JUNE 6th-7th, 2019 in GREENVILLE, SC

Save the date for the 2019 Annual Scientific Symposium and the Pre-Conference Pharmacology Course, which will be held at Clemson University Center for Nursing, Health Research, and Innovation in scenic Greenville, SC on June 6th-7th, 2019.

ABSTRACT SUBMISSIONS

Abstract submissions are due by April 1st to Lisa Hall Zimmerman at lisahallzimmerman@gmail.com.



SHARE YOUR STORY

DOING SOMETHING GREAT?

We want to hear about it! Future newsletters will highlight accomplishments of chapter members and chapter institutions. This includes new board certifications, publications, awards and accolades, or institution accreditations, to name a few. Send any and all "Kudos" submissions to CVCSCCM@gmail.com.

EDUCATIONAL EVENTS

Do you have a local or regional educational event coming up? Let us know by emailing CVCSCCM@gmail.com and we can highlight it in the next newsletter and on social media for chapter members who might be interested in attending!