President’s Letter by Renee Malaro MSN, RN

Emergency Nurses Week was celebrated October 7-13, with a special focus on October 10th for Emergency Nurses Day. I certainly hope each of you were made to feel appreciated during this time which celebrates and honors the commitment and dedication you choose to make to the profession of nursing particularly in the Emergency Department. You should all feel EmpowerED in doing what you do; caring for patients, furthering your education or advocating for the profession just to name a few.

Nine members of the CT ENA recently served as delegates at the 2018 Emergency Nurse Association General Assembly in Pittsburgh, Pennsylvania. This governing body is comprised of 700 delegates from across the United States and beginning next year will also include international representation. As a result of the day and a half spent discussing and debating bylaws and resolutions, the following were adopted: Support of Emergency Nurses after Violence, Kidney Disease (RIFLE), Acute Kidney Injury Network (AKIN), and Kidney Disease Improving Global Outcomes (KDIGO). All three classifications define worsening symptoms if AKI progresses. They are in agreement on initial staging. The initial staging, which is quite often seen in the emergency department, can present as an increase of serum creatinine of at either 50% above baseline or an increase of 0.3mg/dl.

I have said this before but it warrants repeating. If you have not been a part of this event before I Continued on page 9

The ABC’s of AKI by Barbara Banda, MSN, RN, CEN

Mrs. S. is a 76 year old female who presented to your emergency department after three days of nausea, vomiting, and diarrhea due to a gastrointestinal virus. She complained of dry mouth, decreased urination, and generalized weakness. Mrs. S. has a past medical history of hypertension and heart failure. In spite of receiving intravenous fluids, her serum creatinine is 1.6 mg/dl. When you looked at her previous labs, you found that her baseline is usually 0.9 mg/dl, and 1.6 mg/ml is an increase of more than 50%. She was admitted because of her dehydration secondary to the virus, and pre-renal acute kidney injury.

Acute kidney injury (AKI) is defined as a decrease in renal function. According to Canetta, 2018, there are three different classifications of AKI: Risk, Injury, Failure, Loss of Kidney Function, End-Stage Kidney Disease (RIFLE), Acute Kidney Injury Network (AKIN), and Kidney Disease Improving Global Outcomes (KDIGO). All three classifications define worsening symptoms if AKI progresses. They are in agreement on initial staging. The initial staging, which is quite often seen in the emergency department, can present as an increase of serum creatinine of at either 50% above baseline or an increase of 0.3mg/dl.

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Is your Emergency Department awesome?!  
Cool. Let’s feature it in our next SCOPE edition.

Email Laura Prior at lauraprior02@yahoo.com for more details

DON’T FORGET!!

Keep your e-mail updated by logging into your account at www.ena.org. It’s so EASY! By keeping ENA informed of your contact information, CTENA will be able to contact you regarding local events, meeting information, and more! Also, visit www.ctena.org!

Upcoming CT ENA Meetings and Events

All potential and current ENA Members are invited to attend the following:

November 7, 2018  
7:30am-4:00pm  
ASCEND: 34th Annual All day conference  
Hartford Hospital Education & Resource Building  
Heublein Hall, First Floor  
560 Hudson Street Hartford, CT 06106

December 6, 2018  
8:00am-4:00pm  
ADVANCE: CT ENA’s Annual Planning Meeting  
Shoreline Medical Center  
250 Flat Rock Place Westbrook, CT 06498

A blast email with registration form and details for the dinner and learn will be sent to the email address that you have on file with ENA (please make sure that it is up to date). Dinner and Learn: $5 ENA Members, $10 Non-member. CEU’s will be awarded. See website: www.ctena.org for more details.
ENA Connection is the official magazine of the Emergency Nurses Association, and an exclusive member benefit written for ENA members.

Published 12 times a year with a readership of more than 42,000 members, ENA Connection shares association news and timely, relevant information, while showcasing ENA events, education, and advocacy efforts.

It’s the only print and digital publication that captures and celebrates the voice of the emergency nursing community.
Do you work with someone who exemplifies emergency nursing? Nominate them for a CTENA Award. Four categories are awarded annually:

**Community Service** -- This award honors a nurse or group of nurses who have served the community (defined as hospital, town, state or national community) and has made significant contributions to the profession of nursing.

*Evaluation criteria:* Demonstrates contributions that have served the profession within the community, region and country. Individual serves as a role model for emergency nurses in community work. Demonstrates a high level of professional expertise and ability to collaborate with others in the health care field.

**Management Award** -- This award honors a nurse who consistently demonstrates high leadership behavior and ability in the nursing management role.

*Evaluation criteria:* Presently serving in a nursing management position. Demonstrates outstanding management skills. Demonstrates strong support for the staff that he/she manages and exhibits a concern for the advancement of the nursing profession.

**Nursing Practice** -- This award honors a nurse who has exemplified outstanding nursing practice as demonstrated through clinical skills, care and compassion. This nurse performs beyond job requirements in delivering quality patient care.

*Evaluation criteria:* Demonstrates performance beyond job requirement in rendering patient care. Demonstrates participation in nursing programs, committees, or projects contributing to emergency nursing practice.

**Education** -- This award honors a nurse who has made significant contributions to the education of colleagues, EMS personnel and other families.

*Evaluation criteria:* Demonstrates educational expertise in emergency nursing or EMS. Serves as a mentor, preceptor or instructor and as a role model for others. Participates as a lecturer at educational meetings and or publishes in a nursing journal, textbook or newsletter.

Nominees must be current ENA members. Winners will be announced at November 7, 2018 at ASCEND. Deadline for nominations is **October 24, 2018**. Contact Renee Malaro at reneemarie96@hotmail.com or go to CTENA.org for nomination information/forms.
Additionally, urine output of less than 0.5 ml/kg/hour is seen. In general, criteria will appear within 48 hours of the cause, and will last more than 24 hours.

AKI can also be categorized by its cause. Pre-renal AKI is a result of dehydration and is common in dehydration and decreased cardiac perfusion. Treatment is either fluids for dehydration and targeting cardiac improvement for cardiac issues. Intrinsic AKI is caused by injury to the structure of the kidneys and can include such causes as acute tubular necrosis or toxins among others. Treatment is geared towards the specific cause. Lastly, there’s post-renal AKI, which is associated with hydronephrosis due to obstruction. Once the obstruction is cleared, post-renal AKI will usually resolve (Kang and Rovin, 2018).

Mrs. S. has some factors for development of AKI. She is geriatric, and female. She also has hypertension and heart failure. Other risk factors include chronic kidney disease, anemia, and diabetes (Canetta, 2018). Although her AKI was caused by dehydration, sepsis is responsible for 40% of AKI (Gameiro, Jorge, and Lopes, 2018).

The classification stages listed earlier are based on clinical data. However, there is currently research examining different biomarkers to better diagnosis AKI. The hope is the markers will indicate the exact cause of AKI in order to better guide treatment.

Mrs. S. was fortunate in that her AKI was treated by fluids and treating her viral symptoms. She was discharged three days after her admission. She did not go on to develop chronic kidney disease. The emergency nurse was an important factor in saving renal function by implementing fluid resuscitation as quickly as possible, thereby helping to preserve her renal function.

Upcoming ASCEND Information

Registration is now open for the ASCEND conference on November 7, 2018. Visit CTENA.org to download a registration form. Deadline for early bird registration and discount is October 24, 2018. Poster presentations are welcome, please email hmkenny@cox.net with details. We are seeking nominations for nurse manager, community service, nursing practice and education awards are being accepted until October 24, 2018. Nominate a deserving nurse today!

Also, if you or your institution is interested in donating a basket for our Amazing Basket Raffle let Anne Alexander know as soon as possible at annealexander05@yahoo.com

Call for Poster Presentations

Submit your research, quality or process improvement project

To be presented at the CTENA ASCEND Conference

November 7, 2018

Submission Deadline: October 24, 2018

Please email Helen Kenny @ hmkenny@cox.net with topic/title and any questions. If presentation is accepted you will be notified, and must register for the conference.
Fun times in Pittsburgh at ENA’s 2018 General and Scientific Assemblies
Fun times in Pittsburgh at ENA’s 2018 General and Scientific Assemblies
President’s Letter (cont’d from page 1)

highly recommend you take a look at that delegate point criteria application on the CTENA website for next year. I would be remiss if I did not mention there is funding for representatives to attend and represent CT Emergency Nursing in this capacity. Please consider joining your peers to have a voice in influencing bylaws and resources that help guide your safe practice, safe care.

Just a reminder there is still time to submit a nominee for a CTENA award in the following categories: community service, management award, nursing practice, education. Nominations are due by October 24th. Please take a few minutes to recognize a leader in our profession for the great work they do. The awards will be presented during ASCEND on November 7th. Don’t forget to register to attend! I look forward to seeing familiar faces and meeting new friends.

Renee Malaro MSN, RN
2018 Connecticut ENA President