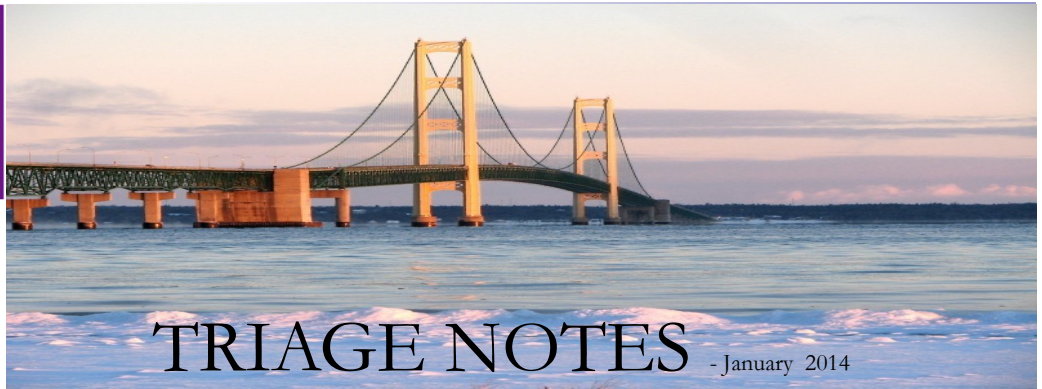




EMERGENCY NURSES ASSOCIATION  
*of* MICHIGAN

Michigan  
Spring Conference  
May 6 & 7, 2014  
[www.michiganena.org](http://www.michiganena.org)



TRIAGE NOTES - January 2014

### *President's Message*

President-

Mark Goldstein

President-elect-

Chris Baker

Secretary-

Hilda Vivio

Treasurer-

Kim Johnson

*In this issue:*

*President's* 1  
*Message*  
*Mark Goldstein*

*ENA member* 2  
*benefits*  
*Stephanie Wilson*

*Malignant* 3  
*Hyperthermia*  
*Chris Baker*

*Government* 4  
*Affairs*  
*Barbara Davis*

*Officer Info*

*ENA* 5  
*Foundation-*  
*Kim Johnson*

*Chapter Info*

*Michigan ENA*  
*next meeting dates:*  
*March 21, 2014*  
*Lansing MCEP*  
*office*

*May 6- Soaring*  
*Eagle*

Dear Michigan ENA Colleague,

A new year is unfolding and I hope you had a safe and happy new year. I wanted to take a brief moment of your time to discuss what is happening with Michigan ENA. I am truly excited about this upcoming year as we seize opportunities to create many new opportunities in the history of both Michigan and National ENA. Our economy is improving and 2013 was overall an excellent year for us. Our membership has increased with many renewals as well. The membership drive was a huge success thanks to Sheri Belanger and Stephanie Wilson. With your continued support Michigan ENA now has an ENA Foundation Scholarship named after our great state. We have continued to give back to our members including school scholarships. Many new members also took advantage of our discounts on their initial membership and Annual State Conference at Soaring Eagle Casino & Resort. Our distinct delegation to the National Convention and General Assembly in Nashville this year was fabulous. The hard work getting through the many Bylaw Amendments and one Resolution was a very dynamic time in our organization. We all served with honor and distinction.

In addition, we have made a number of strives. We saw a successful roll out of the new ENPC course. We are confident that the TNCC 7<sup>th</sup> Edition will also have a great rollout experience. Our Government Affairs Committee met in order to formulate a plan to advocate for SB 250 and many other advocacy programs. To top it off, our Annual Spring Conference continues to grow and provide nationally well-known speakers and a world class networking opportunity. There is no conference for the money and value that can stand up against Michigan ENA.

Our focus of your Michigan ENA will shift slightly to meet the member's needs; How? The feedback that I have personally received in the past few months has been to provide more strength and direction in Clinical and Administrative Expertise. We have the opportunity to "Coach, Guide, and Mentor" each other, our patients, and our organization. I hope to continue to serve you as a *Servant Leader* and while we hope to increase membership, we would need to increase member involvement. We all know that the key to all great organizations is the active engagement of its members. There are many opportunities to get involved with your local Chapter and State Council. Please look at our website for upcoming State Council and Chapter meetings and educational events. We have an outstanding Board of Directors this year, and the support of many members has been very promising. Please let me know if you need anything else.

Sincerely yours,

*Mark Goldstein*

Mark Goldstein, RN, MSN, EMT-P I/C  
2014 Michigan ENA President

## *ENA Member benefits*

### Triage Notes--Winter 2014

Are you one of the 1,200 MI nurses and more than 40,000 nurses worldwide that belong to the Emergency Nurses Association? Are you taking advantage of the various benefits that ENA has to offer? If you answered no to either question, here are some of the many opportunities that you might be missing out on!

- Networking opportunities at local, state, and national meetings, conferences, and events
- Subscriptions to *ENA Connection*, *Journal of Emergency Nursing* and *ENA Newsline*
- Discounted pricing on certification exams, national conferences, and shopping at the online ENA Marketplace
- FREE online continuing education programs
- Numerous grant and scholarship opportunities
- Access to emergency nursing resources, Listserv communities, EN411 Legislative Networks, ENA Position Statements, and more
- Discount opportunities for nationally recognized services such as MetLife and Nurses Services Organization (NSO)
- Emergency nursing employment opportunities at the ENA Career Center
- And much, much more!

Visit the Michigan ENA website at [www.michiganena.org](http://www.michiganena.org) to take advantage of the discounted membership rates currently being offered to Michigan emergency nurses. You may join/renew at the discounted rate of \$60 when you simultaneously register to attend the Michigan ENA Annual Spring Conference being held May 6-7, 2014 at Soaring Eagle Resort & Casino. This is an annual discounted savings of \$40 over national's rate! If unable to take advantage of this special offer, you may still join/renew throughout the year at the discounted rate of \$86, provided you do so through the MENA website.

What are you waiting for? Join your fellow emergency colleagues around the globe and become an ENA member today!

Stephanie Wilson, Membership Committee Co-Chair

## *Malignant Hyperthermia*

Malignant hyperthermia is no longer confined to the operating room! With the increasing use of succinylcholine for rapid sequence intubation in the emergency department and pre-hospital settings, emergency nurses must be able to recognize and manage the potential complications and potentially fatal sequelae.

Malignant hyperthermia (MH) is a life threatening hypermetabolic crisis that occurs in individuals with a hereditary skeletal muscle defect who receive halogenated anesthetic agents or depolarizing neuromuscular agents such as succinylcholine. This triggering agent interferes with the ability of the cells to move calcium. Excess intracellular calcium, excessive release of calcium or interference with return to storage creates a high intracellular level of calcium resulting in the continuous contraction of skeletal muscle.

Early recognition of MH is Key and the early signs and symptoms include: High Fever, Tachycardia, Tachypnea, Unstable blood pressure, Dysrhythmias, Cyanosis, Sweating and an Increase in end-tidal CO<sub>2</sub>. Late signs include: Fever Rigidity, discolored urine, metabolic and respiratory acidosis, Hyperkalemia, Myoglobinuria, and an elevated creatine phosphokinase. There may be facial muscle fasciculation's or rigidity of the jaw, ex-

trémities, or chest muscles. Skin color is flushed but with vasodilatation becomes mottled and later cyanotic. Fever, the clinical hallmark, is a late sign. Complications include left-sided heart failure, pulmonary edema, disseminated intravascular coagulation and permanent renal damage. Mortality is related to the maximum temperature reached by the body, although patients with a temperature of 44 (111.2F) have survived.

Treatments consist of discontinuing the triggering agent, supportive therapy and definitive therapy. Supportive therapy would include; 100% oxygen, Sodium Bicarbonate for acidosis and invasive cooling fluids. Using fluids, mannitol or lasix to help to maintain a urine output of 2ml/kg/hr. The definitive treatment is dantrolene sodium, a skeletal muscle relaxant that counteracts the high levels of intracellular calcium.

Dantrolene comes as a powder of 20mg with 3 gm of mannitol and is diluted with 60ml of sterile water. It needs to be shaken vigorously for several minutes. The initial dose should be 2.5mg/kg IVP and repeated every 5 to 10 minutes until a max of 10mg/kg is given or the episode is controlled. It should be repeated at 1 mg/kg every 6 hours for 24 to 72 hours in order to keep MH under check.

Succinylcholine is being used commonly within the emergency room settings. Because of this the ER nurse needs to be keenly aware of the progression of malignant hyperthermia and its potential fatal demise. Several emergency rooms have even gone to the length of preparing a Malignant Hyperthermia cart. Therapy should be aimed at prompt treatment of hyperkalemia, administration of dantrolene, hyperventilation and cooling to the target core temperature of 38 C. Each vial of dantrolene should be reconstituted by adding 60ml of sterile water for injection and the vial shaken until the solution is clear. If the MH episode is proceeding rapidly, simply mix and inject. Lidocaine or procainamide should not be given if a wide-QRS complex arrhythmia is likely due to hyperkalemia; this may result in the patient becoming asystolic.

Christine Baker, MSN, RN, CEN

## Government Affairs

Government Affairs, November 2013

As aware that I am that most people, including nurses, feel disinterested in politics and government, I must make you aware of one bill that could affect your lives.

**Workplace Violence SB 250 and SB 360** would establish fines and stiffer prison sentences for people who assault or show violence toward healthcare professional while caring for patients. This bill passed the Senate and is *still* in the House Committee on Criminal Justice. There has been one hearing and some MENA nurses, including our own president, Mark Goldstein, testified, along with some nurses from MNA.

I talked to Ed McBroom (R), 108<sup>th</sup> District, after that hearing and he said that he isn't convinced that changing the penalty from a misdemeanor to a felony would increase "hospitals" reporting these incidents. He never mentioned "nurses" reporting the incidents, only "hospitals."

I had an email from Mr. Joseph Graves (R), Majority Vice-Chair, 51<sup>st</sup> District, who stated he was "generally supportive of this bill and look forward to hearing more testimony on this issue **if and when** it is brought up for a second hearing. Your thoughts and expertise on this issue are helpful in this process...."

**This is where nurses in Michigan can take action. A telephone call or an email with your stories about patients, families, and/or visitors that have assaulted, battered, wound, or endangered healthcare professional who are performing his/her duties would help us move this bill.**

Members of the Criminal Justice committee are:

Kurt Heise (R), Committee Chair, 20<sup>th</sup> District

Joseph Graves (R), Majority Vice-Chair, 51th District

Kenneth Kurtz (R), 58<sup>th</sup> District

Stacy Oakes (D), Minority Vice-Chair, 95<sup>th</sup> District

Mike Caliton (R), 87<sup>th</sup> District

Rose Mary Robinson (D), 4<sup>th</sup> District

Ed McBroom (R), 108<sup>th</sup> District

John Kivela (D), 109<sup>th</sup> District

Margaret O'Brien (R), 61<sup>st</sup> District

Brian Banks (D), 1<sup>st</sup> District

Klint Kesto (R), 39<sup>th</sup> District

Questions, comments, please email me at [barbara.davis0473@gmail.com](mailto:barbara.davis0473@gmail.com)

Thank you for all you do.

### Officers 2014

**President:** Mark Goldstein  
markgoldstein1967@yahoo.com

**President-Elect:** Chris Baker  
Christine.Baker@mclaren.org

**Treasurer:** Kim Johnson  
KJohnson765@yahoo.com

**Secretary:** Hilda Vivio  
hvivio@charter.net

Kim Johnson, RN, MSN

Do you ever dream about advancing your nursing degree? I had that dream for several years to complete a masters program in nursing. Time, family, work schedules, and economic hardships made it impossible for me to seek and advanced nursing degree. As a member of the Emergency Nurses Association, I learned the ENA Foundation offered many scholarships to it's membership. Scholarships offer many oppportunities for nurses to develop their skills and knowledge in the nursing profession. Education can make a difference in the lives we touch as nurses. It is important to continue our own education to improve critical thinking, skills, and knowledge. The ENA Foundation understands the importance in granting opportunities for its members to grow and enhance their learning. The ENA Foundation plays an active role raising contributions annually to assist Emergency Nurses in fulfilling their dreams of a higher education. Through jewelry auctions, State Councils fund raisers, donations, and contributions from it's members, the Foundation was able to award 26 scholarships last year to Emergency Nurses to assist with financial support for higher education. For those of us who have received a scholarship from the ENA Foundation, we know supporting our professional practice supports society's health and welfare. Supporting the ENA Foundation is a great opportunity to help support our colleagues. Giving to the Foundation allows nurses like me to continue our education. I would like to acknowledge all the members of ENA and the ENA Foundation in supporting a higher learning opportunity for me last year, as I received a \$5000.00 scholarship. I ask all my colleagues to play an active role in supporting our membership through donations to the ENA Foundation to provide scholarships to further our profession and commitment in lifelong learning. We as an association can make a significant difference in our colleague's life. For more information on scholarships please visit the ENA website at [www.ena.org](http://www.ena.org)

#### CHAPTER INFO

Huron Valley #145–President -Brandi Uren: [brandi.s.uren@gmail.com](mailto:brandi.s.uren@gmail.com)

S.W. Michigan #151– President– Amy Koestner: [amy.koestner@spectrumhealth.org](mailto:amy.koestner@spectrumhealth.org)

West Michigan—President– Joann Beckman: [JoAn.Bevkmsn@spectrum-health.org](mailto:JoAn.Bevkmsn@spectrum-health.org)

Little Traverse Bay #345– President: Dianne Wren: [dwren10044@aol.com](mailto:dwren10044@aol.com)

Western Upper Peninsula # 449– President– Barbara Davis: [Barbara.davis0473@gmail.com](mailto:Barbara.davis0473@gmail.com)

2014 meeting dates: Feb 17, April 23, Aug 19, Oct 16