

Future Discussion

We are looking for interesting case studies from EMS that we can present here or even present at one of our monthly educational sessions. If you have a great case study or an interesting patient case you feel would fit this request, please email me at

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Pulsara: Revolutionizing EMS Communication in NKY

Since 2016, **Pulsara** has been a game-changer for emergency medical services across **Northern Kentucky and Southeast Indiana**. Funded by **St. Elizabeth Healthcare**—at an annual cost of over **\$100,000**—this cutting-edge platform connects EMS with critical hospital departments, including:

- Emergency Department
- Cardiac Cath Lab
- CT
- Lab
- Interventional Radiology
- Labor & Delivery

Pulsara enhances traditional radio reports with **secure, two-way communication**, allowing EMS providers to:

- Request medical advice
- Get medication approvals
- Receive resuscitation guidance
- Clarify protocols

All while maintaining **patient privacy and HIPAA compliance**.

- Stroke patients: Add Last Known Well time
- OB patients: Include Gravida, Para, and EDC if known
- STEMI patients: Note and resend serial ECG changes

LifeNet remains in use at **Edgewood ED** for STEMI ECGs. While effective, it offers **one-way communication only**, making Pulsara the preferred platform for dynamic, real-time collaboration.

Sports Injuries in EMS

Does your agency have schools that you provide services to in your community? Do you preplan with those schools for treatment and transportation of injured athletes? If you are not, it is highly recommended and, in some cases, mandated, especially if you have high school athletes participating in full contact sports. Does

your agency have an EAP for your schools in your area? Emerging technology allows these plans to be preloaded into your CAD preplans. These can be as specific as your agency allows, including entry/exit routes, access routes, locations of AEDs, etc. The Damar Hamlin Incident at Paycor Stadium really brought this to light especially in the NFL but, this has also become the standard in the high school arena as well. Attached is an excellent article talking about integration of EMS into the preparation for Sports medicine emergencies.

[EMS Integration into the Preparation for Sports Medicine Emergencies](#)

The Collaboration Between Gateway Community & Technical College and St. Elizabeth Healthcare in Paramedic Training

In EMS, partnerships between educational institutions and healthcare providers have always played a crucial role in education and working to address workforce shortages by enhancing training quality. One such collaboration is between Gateway Community & Technical College (GCTC) and St. Elizabeth Healthcare. This partnership, which began in 2018, has focused on bolstering the paramedic program to produce highly skilled professionals ready to serve their communities. More recently, in 2025, the alliance expanded to include the City of Florence Fire/EMS Department, launching a satellite program to further tackle regional paramedic shortages.

The collaboration officially launched in October 2018, when St. Elizabeth and GCTC announced their joint effort to enhance the paramedic program. Under this agreement, paramedic educators transitioned to become employees of St. Elizabeth, with St. Elizabeth absorbing the personal cost, while education and training continued onsite at GCTC's Edgewood Campus.

A standout feature is the realistic pre-hospital training environment, made possible through the partnership with St. Elizabeth. Students access simulated settings like a bathroom, living room, and infant's bedroom, along with a fully functional ambulance. Advanced tools, including Laerdal simulation mannequins, provide immersive practice.

EMS Leadership, Interview with Danielle Stiner BC EMS, Florence FD



What core leadership qualities do you believe are most essential for success in EMS and how have you cultivated them in your career?

"Passion, adaptability, and motivation are some of the core leadership qualities that I believe are most essential for success in EMS. The EMS field is always changing with new processes, technology, and tools. It is important to have the passion and ability to change in this field to stay on top of the latest advances in order to provide the best treatment for the patients. At times, those in EMS can become complacent or burned out. It is vital as a leader to continue to try to motivate those in the field to keep their passion alive. For me, I always try to remember my "why" of starting in this career. I continue to use this "why" to help drive my own passion, motivation of others, and ability to adapt to aid in leading the next wonderful generation of EMS members."

In what ways has EMS leadership evolved over the years and what changes do you believe are still needed with a younger generation of EMS professionals entering the field?

"EMS leadership has significantly changed over the years. Leadership has evolved from a more patient centered focus to trying to equally focus on EMS provider mental health and well-being. In addition, with the advancement in technology, EMS leadership has had to learn to advance with it in both the way communication is delivered to their team and other community partners as well as knowing the latest technological trends for patient treatment. I believe the younger generation of EMS professionals entering the field could result in further evolvement of EMS leadership practices. This generation was in high school when they suddenly were shut off from most personal connections for a long period of time. I think we are still beginning to see how this may have affected the young professionals entering the workforce now. EMS leaders

may need to focus attention on the best ways to help build interpersonal and communication skills to some."

What advice would you give to EMS professionals who want to grow into leadership roles?

"The advice I would give to EMS professionals who want to grow in leadership roles is to never forget their own "why", always keep advancing your knowledge, and build your network as you continue to advance in their careers. I am a big proponent for advancing knowledge through formal education. In a leadership position, there are so many varied aspects of the job in which different formal education classes could play a key component in assisting with these items. Also, having a good list of resources is indelible in a leadership role as we are able to support and help each other when we need it most. I am very blessed to have all the connections and relationships I have made over the years!"

Educational Opportunities



Past
Presentations

October's
Class



November: Peds Trauma Emergencies

December: Peds Respiratory/Cardiac Emergencies

St. Elizabeth Nursing and EMS Conference
October 9th, 2025 (One day only)

Regional EMS Meeting Days: November 12, 2025.
January 14, 2026, March 11, 2026, May 13, 2026, July 8, 2026.

Recognition

St Elizabeth EMS Outreach Proudly Recognizes:

Crews of the Quarter: Elsmere FD:(LaFontaine, Ladanyi, Hale, Hutson) Florence FD: (Fuhmann, Goldfuss) Pendleton Co EMS: (Klaber, Lucas)

Successful Resuscitation and STEMI Save (Neurologically intact to Discharge): Hebron Fire Department July 2025, Florence FD August 2025

DTN Recognitions: Florence ED (June 2025), Union FD (July 2025), Edgewood ED (August 2025)

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