

News from the Top: Missy Miles AVP Emergency Services

Dear EMS colleagues,
As we continue to face the evolving challenges in emergency medical services, I want to take a moment to thank you for your unwavering dedication and hard work. This newsletter aims to keep you informed on important updates and new initiatives that can help improve our delivery of care. Together, we are not only responding to emergencies, but also fostering a stronger, more resilient community through collaboration and innovation.

Thank you for everything you do and stay safe!

Missy Miles, AVP Emergency Services

Keeping our EMS Partners informed

Reintroduction of the EMS newsletter

After an extended break from print, the St. Elizabeth Health Care EMS newsletter is back. We want to work with our EMS partners to help educate and inform. We will be providing up to date educational opportunities and pertinent hospital data to keep our partners informed on what we are doing for the community at large. Our new team has come together nicely, and continues to grow. Currently our team of EMS Coordinators consists of; Chris Vogelpohl, Josh Cox, Tony Scheben, and Dearborn County instructor, Nathan Batchelor.

We look forward to working with all of our partners to build and maintain strong relationships with **the common goal of** better patient care and outcomes.

Pulsara

Early notification saves hearts and brains

Remember when sending notifications use specific buttons for **Stroke, STEMI, Cardiac Arrest and Sepsis**. **This assures patient logistics gets the correct team members notified.**

General alerts are still requested for all other incoming patients

Sepsis Education

Katie Reekers, RN: Sepsis Management Coordinator

Full article on EMS and Sepsis is provided in this JEMS link: [Sepsis Early Recognition](#)

Highlights and key takeaways:

- There is a higher incidence of patients presenting via EMS with severe sepsis than there is with stroke or STEMI.
- When EMS uses the term “sepsis” in their report, there is a correlation to a decreased time to antibiotic and fluid administration in the ED.
- Prehospital fluid administration of any volume is associated with decreased in-hospital mortality

The best treatment that can be offered in the field is early identification of possible sepsis and initiation of fluids for these patients. The critical information the nurse will need to document is the type of fluids given, volume, start time, and either a rate, duration, or end time of the fluid infusion. So, for example a liter of normal saline with a marker written "N.S., start: 0820, wide open" would provide the nurse with enough information to appropriately document.

This information can be noted in “comments” of Pulsara if you send a Sepsis Alert.

Facility Specialized Capabilities

Edgewood: Comprehensive Stroke Center (TNK and Thrombectomy Capable), STEMI, OB, Level II NICU, ECMO

Florence: Primary Stroke Center, Orthopedics

Ft. Thomas: Primary Stroke Center

Covington: Stroke Ready

Grant: Stroke Ready

Stroke Alerts

Time is Brain

Pulsara alerts for stroke help decrease “door to needle time”, (D2N). When you send a stroke alert, multiple departments are set in motion in the ED prior to your arrival, which all helps to reduce the time to administration of TNK. Critical information that should be included to expedite decision making is: [Last known well time](#), [blood glucose level](#) and [Anticoagulation status](#)

For a suspected LVO use the table below (CSTAT)

TABLE 1. C-STAT Exam
Cincinnati Stroke Triage Assessment Tool – Screen for Large Occlusion Strokes
≥2 points is positive

Injury	Positive if...	Value
Conjugate Gaze Deviation	Gaze is acutely impaired in one direction.	2 points
Level of Consciousness	Fails 1 or more of each of the following: <ul style="list-style-type: none">• Ask age and current month• Ask to follow 2 commands: close eyes, open and close hands	1 point
Arm Weakness	When held up, one or both arms drifts down to bed within 10 seconds.	1 point

Educational Opportunities

We are happy to partner with all our local EMS agencies to provide High Fidelity simulation training either at our training center (SETEC), or in your firehouse. Contact Chris or Josh to view a full list of simulations offered and to schedule your training today!

Be on the lookout in early 2025 for upcoming monthly virtual training options hosted by St. Elizabeth!

EMS Transports 2024 by Facility

St Elizabeth Covington	4445
St Elizabeth Dearborn	4178
St Elizabeth Edgewood	13633
St Elizabeth Florence	12057
St Elizabeth Ft Thomas	6915
St Elizabeth Grant.	2170



AEL 133

In memory of the crew members of Air Evac 133.

October 7, 2024. Flight crew: Bethany Aicken, (Flight Nurse) James Welsh (Flight Medic) and Gale “Butch” Alleman (Pilot). As members of the St Elizabeth family, we honor the lives of those lost.

Recognition

St Elizabeth EMS Outreach Proudly Recognizes:

D2N Time less than 30 minutes-Stroke: **Dry Ridge FD, Crescent Springs FD, and Walton FD**

STEMI arrest with ROSC and a positive neurological outcome: **Florence EMS**

Special Recognition by EMS Outreach for going Above and Beyond: **Ft Thomas FD, Newport FD, and the Tristate Peer Support team**

Contact Information

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