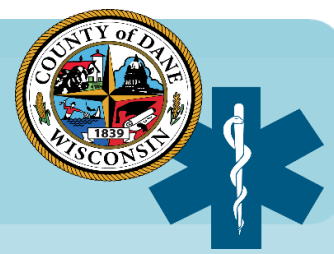


Dane County EMS Newsletter

September, 2022



Upcoming Opportunities

Cub Scouts Volunteer

The cub scouts are hoping to secure 24 EMT/Medic/Med Student (First aid trained) volunteers to participate in a one day event consisting of 12 emergency scenarios that test the Cub Scouts first aid skills

- 12 judges
- 12 victims

Event Date: Saturday 11/12/22

Time: 8am-3pm

Location: Messiah Lutheran Church 5202 Cottage Grove Rd. Madison

P.O.C. is Charlie Morand - charmor375@aol.com

Interested parties, please email Charlie Morand as soon as possible to confirm your commitment or obtain additional information. For more info, go to [this link](#).

MCI and Base Hospital

Do you, your crew, and your public safety partners (Fire/EMS) want a low stress review of the MCI and Base Hospital process? Everyone can always use a low-key exercise to refresh their memory and discuss lessons learned!

Let us come out to see you for a cup of coffee and some discussion at your station kitchen table. Sign up at the link below for Base Hospital "Table Talk". Ideally we would love a minimum of 3 providers but there is no maximum limit on number of participants.

Thank you for the opportunity to have this discussion!

[Reserve a date here.](#)

September Viz Quiz

You are responding to a residence for a 10-Delta-3 chest pain call in a 68 y/o male with chest pain. The patient states that he has a history of hypertension, diabetes, and coronary artery disease for which he has had 3 stents in the past. He endorses "burning" left sided chest pain that has been worsening over the last 24 hours. It is worse with deep breathing and palpation. He denies tobacco use and states that he recently passed his cardiac stress test, "with flying colors". As your partner is applying the stickers to obtain a 12-lead EKG, they notice the rash shown to the right.



You believe that this patient has:

- A. Monkeypox
- B. Contact Dermatitis
- C. Herpes Zoster
- D. Erysipelas

Submit your answers at <https://www.surveymonkey.com/r/89XZV2R> for the chance to win a prize!

August Viz Quiz Follow-Up

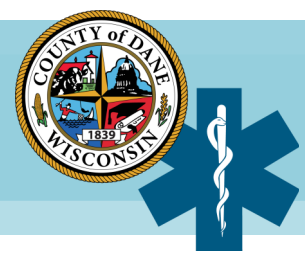


Answer: Lisinopril. This drug belongs to a class of anti-hypertensive drugs called ACE inhibitors. Angioedema is a rare but known complication from long-term use of these drugs. This is delayed hypersensitivity reaction that can cause tongue swelling that can occlude the airway. Allergic reaction algorithm is used here but symptoms can be slow to respond.

Congratulations to Chris from Oregon Fire & EMS for winning the August Viz Quiz!

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Case Study

You have been paged to a 21B-1 Possibly Dangerous Hemorrhage. Per CAD notes, father called for his 10-year-old son because his R foot had slipped under the lawnmower, and now has significant bleeding. He has no medical history and did not receive any medications prior to your arrival. You find a 10-year-old male sitting on the ground clutching his R calf and in obvious pain. His foot is still in his tennis shoe, which is notably mangled and sitting in an expanding pool of blood. He is breathing rapidly with strong effort; his initial pulse ox is 100% on room air and his blood sugar is 160. You note he appears pale and quite frightened, is asking repetitive questions and as you apply the blood pressure cuff you feel a thready radial pulse with a rate of >150. Your partner establishes an IV and starts an LR bolus. You note his lung sounds are clear, his abdomen is soft and the remainder of his exam is unrevealing.

Discussion:

- What should your first treatment be for this patient?
- Does this patient clinically have signs of shock? What options do you have to correct his current state?
- What are some indicators that a patient with traumatic injuries may need intervention?
- Should you consider TXA for this patient?

Lawn Mower-Related Injuries

- More than 9,000 children younger than 18 are treated in Emergency Departments for lawnmower-related injuries annually
- Most victims are children or teens, but 1/4 of injuries occur in children <6 years old
- Almost 50% of these injuries are burns to the hands from touching a hot motor
- Common mower-related injuries are serious cuts; loss of fingers, hands, toes or feet; broken and dislocated bones; burns, eye injuries; or crush injuries.

Prevention Tips

- Teach and supervise teens: Children should be >12 years old to operate a push mower, and >16 before using a riding mower.
- Kid-free zone: Children should never be passengers on riding mowers, and children <6 should be kept indoors during mowing. Never let children play on or near a lawn mower, even when not in use
- Before you mow: Pick up and stones or loose objects in the grass. Wear protective eye wear and sturdy shoes.
- While you mow: Always mow going forward. If you absolutely must mow in reverse, always look behind you before backing up.
- Turn it off: Wait for the blades to stop spinning before removing the grass catcher, unclogging the grass chute, or crossing gravel roads.

Use Caution

- Wear protective gloves, goggles, sturdy shoes and long pants when you use a lawn mower. Never mow barefoot, in sandals, or flip flops
- Do not drink alcoholic beverages before operating a lawn mower.
- Avoid distractions. Do not use your cell phone, text or listen to music while mowing.
- Hands and feet should never be used to touch the lawn mower blade under any circumstances, even if the engine is off. If there is debris blocking the blade, it can quickly swing around and cause serious injury once freed.

ECPR

Have you seen the new inclusion criteria for ECMO/eCPR on page 39 of the DCEMS protocols? During cardiac arrest resuscitation, the time to consider ECMO is with the first dose of epi!

Protocol Quiz

Test your knowledge on the Dane County Protocols by completing [this quiz](#).

Kudos!

Recognize a member, crew, or agency for going above and beyond to provide exceptional patient care using [this link](#).

Upcoming Events and Training

11/9 and 11/10, 8am-4:30pm - Crisis Intervention Partner (CIP) Training

- Understanding Mental Illness
- Elderly, including dementia
- Trauma-Informed Care
- Developmental Disabilities and Autism Spectrum Disorder
- Lived Experience Panel, and more

Email jhyatt@namidanecounty.org to register