



PulsePoint



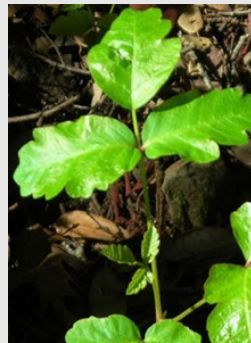
PulsePoint is a 911-connected app that can immediately inform you of emergencies occurring in your community and can request your help when CPR is needed nearby. Alerts are triggered through the Dane County Communications Center to those within a 1/4 mile radius of a cardiac arrest. They are only sent if the incident has occurred at a public location, such as a library or grocery store. The app can also tell you if there are any AED's nearby. To learn more, go to our [website!](#) The app can be downloaded to any smart phone through the Apple App Store or Google Play Store.

August Viz Quiz

- On a family camping/hiking trip you're out enjoying a hike in the sweat-drenching humidity of a Wisconsin summer after a thunderstorm
- Along the hike, the least coordinated of your family stumbles and falls into the foliage
- Which one of these plants would NOT make your family member miserable the rest of the trip?



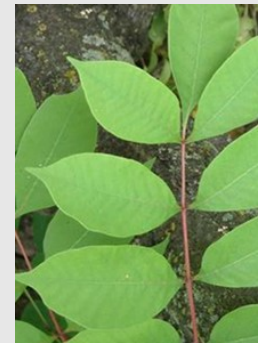
A



B



C

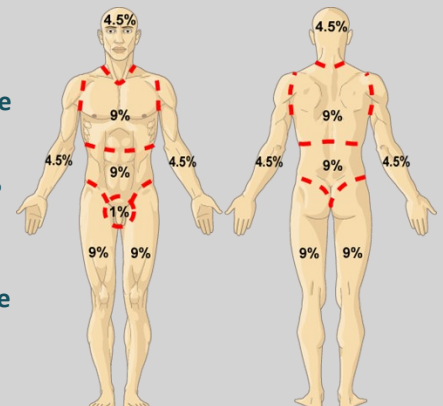


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Submit your answers at <https://www.surveymonkey.com/r/W2R3N3C> for the chance to win a prize!

July Follow-Up

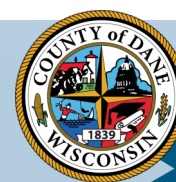
- The total body surface area (TBSA) for this patient's burns is 27% (18% for 3rd degree burns of entire back, 4.5% for back of left arm, 4.5% for back of left thigh)
- ***Also accepted 24.75% due to poor wording of "entire back of left upper extremity" (18% for 3rd degree burns of entire back, 2.25% for back of left upper arm, 4.5% for back of left thigh)***
- In calculating TBSA with the use of Rule of Nines, only 2nd and 3rd degree burns are counted.



Congratulations to Bill from Middleton EMS for winning the July Viz Quiz!

Dane County EMS Newsletter

August, 2021



Case Study

Case: You're transporting a critically ill, multisystem trauma patient to the ED. Your team has been busy managing the airway, likely shock from hypovolemia, as well as stabilization of major injuries. As you juggle further management of the patient, you start to organize your thoughts in preparation of hand-off at the ED.

Patient handoffs are known to be high-risk events for medical errors. Literature has demonstrated that there are significant gaps in this handoff. Standardization and direct communication with the receiving provider offers a potential solution for minimizing such errors.

The MIST format offers one commonly used format to support an efficient, consistent, and organized hand-off of patient care that will highlight the critical assessment and interventions performed by EMS providers.

Check out this month's protocol quiz to further explore management of traumatically injured patients!

Source: Goldberg SA, Porat A, Strother CG, Lim NQ, Willerathne HR, Sanchez G, Munjal KG. Quantitative Analysis of the Content of EMS Handoff of Critically Ill and Injured Patients to the Emergency Department. Prehosp Emerg Care. 2017 Jan-Feb;21(1):14-17. Meisel ZF, Shea JA, Peacock NJ, Dickinson ET, Paciotti B, Bhatia R, Buharin E, CAnnuscio CC. Optimizing the patient handoff between emergency medical services and the emergency department. Ann Emerg Med. 2015 Mar;65(3):310-317. Panchal AR, Gaither JB, Svirsky I, Prosser B, Stolz U, Spaite DW. The Impact of Professionalism on Transfer of Care to the Emergency Department. J Emerg Med. 2015 Jul;49(1):18-25. doi: 10.1016/j.jem.2014.12.062 <http://www.raemsp-blog.com/emsm/2017/7/27/the-ems-ed-handoff-a-critical-moment-in-patient-care>

EMS TIME OUT REPORT

M	Mechanism or Medical Complaint	Name, Age, Sex Mechanism: Speed, Mass, Height, Restraints, Number and Type of Collisions, Helmet Use and Damage, Weapon Type Medical: Onset, Duration, History
		I
S	Signs and Symptoms	Symptoms and Vitals Initial, Current, Lowest Confirmed BP HR, BP, SPO ₂ , RR, ETCO ₂ , BG GCS: Eyes ___ Verbal ___ Motor ___
T	Treatments	Tubes, Lines (Location and Size), Fluids, Medications and Response, Dressings, Splints Defibrillation / Pacing

Open Mic

Adam Plotkin has been on the Dane County EMS Commission since 2005 and become Chair in June, 2020. Here are some fun facts he'd like to share!



- I grew up in Mequon, WI where my Dad was the Ambulance Director. I spent a lot of time washing and stocking ambulances growing up!
- I once had an occasion to need the services of a French paramedic at 30,000 feet over the north Atlantic. It makes me appreciate the dedication and compassion of EMS providers around the world.
- I live on the west side of Madison (serviced by Medic 4 at Bucky's House) and enjoy travelling to Wisconsin's unique tourist destinations.

[Sign up for Dane County Emergency Notifications](#)

Data Blurb

4 of the 10 most common EMS dispatch complaints are traumatic injuries, with falls as the second most common EMS emergency in Dane County. So far in 2021, nearly 3,400 EMS incidents have been dispatched for falls.

Protocol Quiz

Want to test your Dane County EMS Protocol knowledge? The newsletter will feature a different topic each month for members to test their familiarity with protocols. This month's topic is Hyperthermia. Take the quiz [here!](#) For more information on this topic or for correct answers, reach out to our office or your agency's training director.

HPCPR – Case Vignette of the Month

Case Study: You are paged to a 9E1 PNB middle-aged male. CAD notes indicate that the patient was an un-helmeted driver involved in a single vehicle motorcycle crash at low speeds. A bystander on scene reported they saw him stop at a stop sign and then just tip over. He was not responsive and not breathing when they ran up to him.

Discussion:

How might this situation impact your planning and role designation prior to arrival?

How do you determine if suspected arrest is more likely due to medical or traumatic etiology?

What are your priorities in caring for this patient?

Upcoming Events and Training

8/17, 6pm - UW Health Stroke Education
[Register at uwhealth.org/stroke-night](http://uwhealth.org/stroke-night)

8/19, 6:30pm - SSM Health Disaster Airways Training

[Register at http://bit.ly/ssmemstraining](http://bit.ly/ssmemstraining)

If issues are encountered with hyperlinks, copy and paste URL into browser.

Thank you for reading! For questions, comments, or feedback you can contact the DCEMS office at dcems@countyofdane.com or by calling 335-8228. All other staff contact information can be found at em.countyofdane.com/EMS/contactus.