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None of the planners or speakers for this event have any financial relationships to disclose.

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### *Disclosures*

- **Employed by State of Maine**
- **Funded through a HRSA/EMSC Grant**
- **Immediate Past Chair** – NASEMSO  
United States Pediatric Emergency Care Council
- **Co-Lead** – Maine State Perinatal Quality Collaborative (PQC4ME)
- **Co-Lead** – EMSC Innovation & Improvement Center National Pediatric Skills Competency Workgroup

*The information presented is not necessarily any of these organizations' opinions.*



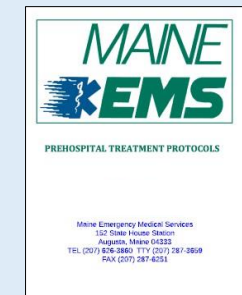


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## What is EMS in Maine?

Regulated by the Bureau of EMS in the Department of Public Safety (*32 MRS Chapter 2-B*)

- Board of EMS (*18 members*)
- Medical Direction & Practices Board (*14 members*)
- State Medical Directors (*3 physicians*)
- Bureau of EMS Staff
- Statewide Protocols



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## Maine EMS Agencies

### 269 EMS agencies\*

- 166 Ground Transporting Agencies
- 100 Non-Transporting Agencies
  - 3 Air Agencies



\*As of January 2025

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## Maine EMS Agencies

- Ground ambulances
  - Van style ambulances to large NICU vehicles.
  - Fire department based, hospital based, privately owned, other governmental vehicles.
- May have “chase vehicles” (e.g., supervisors, paramedic intercepts)



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## Maine EMS Agencies

- Non-transporting agencies perform first response, and they will provide initial care until a transporting ambulance arrives.
- Air agencies
  - 1 can do scene ("911") calls statewide
  - 2 are restricted response, meaning they are used for specific areas and destinations.



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## Maine EMS Licenses

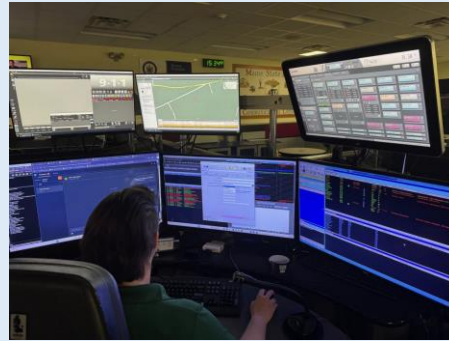
- The delivery of EMS care is based on protocols developed by the Medical Direction & Practices Board
- 2-year license with required continuing education hours
  - Amounts vary from 16 to 60 hours (*based on license level*)
- Full-time, Volunteer, Per-diem, Junior EMS
- 7,142 Licensees\*
  - 6,289 are Maine residents
  - 853 licenses are residents of 44 states and Washington DC

\*As of March 2025

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## Maine EMS Licensees

- Ambulance Operator
  - 548 AOs in Maine\*
  - Emergency Vehicle Operation Course
  - CPR, Stop the Bleed
- Emergency Medical Dispatcher
  - 531 EMDs in Maine\*
  - 24-32 hour course
  - Work in 911 Centers, may also be clinicians



*\*As of March 2025*

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## Maine EMS Clinicians

- Emergency Medical Responder (EMR)
  - 69 EMRs in Maine\*
  - 60-80 hour course
  - Cannot be primary provider in an ambulance
  - Limited scope
  - Often part of non-transporting services



*\*As of March 2025*

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## Maine EMS Clinicians

- Emergency Medical Technician (EMT)
  - 3,189 EMTs in Maine\*
  - 140-200 hour course
  - Minimum level to be in most ambulances
  - Backbone of EMS care
  - Assessment, Childbirth, AEDs, Splinting, BVMs, etc
  - No EKG interpretation, no IVs, limited medications



\*As of March 2025

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## Maine EMS Clinicians

- Advanced Emergency Medical Technician (AEMT)
  - 1,099 AEMTs in Maine\*
  - 120-160 hour course
  - Must be an EMT first
  - Basic EKGs, IVs, Advanced Airway (not intubation), more medications, all skills of EMT



\*As of March 2025

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## Maine EMS Clinicians

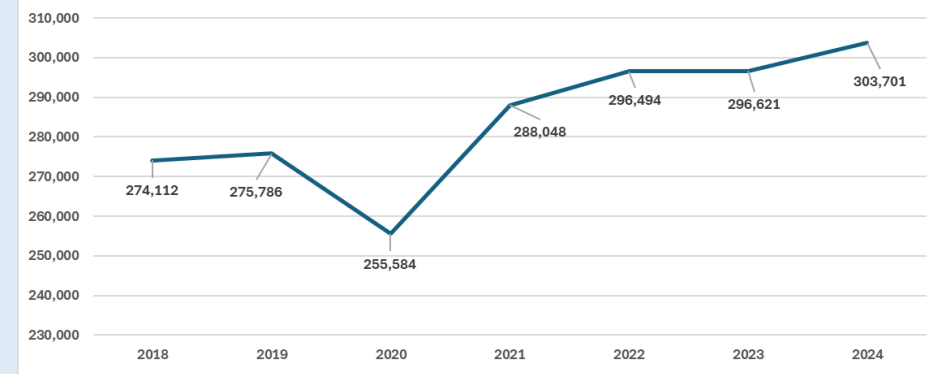
- Paramedic
  - 1,706 Paramedics in Maine\*
  - 1,500-1,800 hour course (approx 50 credit hours)
  - Must be an EMT or AEMT first
  - EKGs, 12 lead EKGs, intubation, surgical airways, broad medication choices, largely independent decisions, all skills of EMT & AEMT



*\*As of March 2025*

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Annual EMS Call Volume in Maine  
(2018-2024)



*As of January 2025*

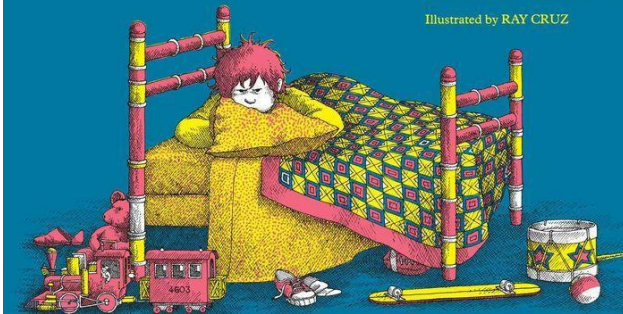
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# Alexander and the Terrible, Horrible, No Good, Very Bad Day

JUDITH VIORST

Illustrated by RAY CRUZ



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Something  
happened....

Can you intervene?

- CPR
- Bleeding
- Choking
- Seizing
- Allergic Reaction

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Do you  
have a  
procedure?



Do you have a procedure?



**Communicate**



**Responsibilities**



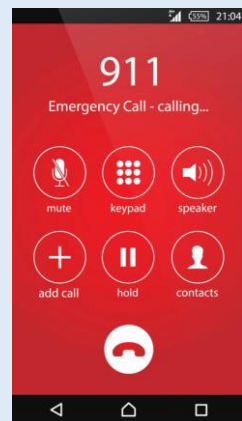
**Call 911**



**Clinical Care**



**Prepare for Transport**



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What info is  
needed?



22

Just send the  
\$%#&  
ambulance!



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## What does EMD ask?

- Location/Your Name/Call back
- What's wrong
  - Awake
  - Breathing
- Terminology – “Emergency” vs Transfer
  - Emergency = Pre-Arrival Instructions
- Has the patient been eval'd by a provider/RN in past 2 hours?
- Do they need any meds/special equipment?
- Maybe Sending physician name
- Don't give Vitals or Labs!



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## Why does EMD ask?

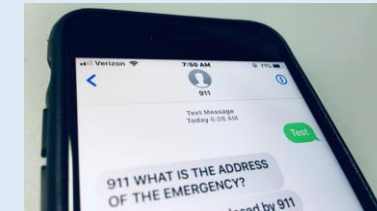
Right information to

- Send the Right Resources
- Send the Right Care Level
- You do not determine it!
- A minimum amount of info is required!



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## Texting 911

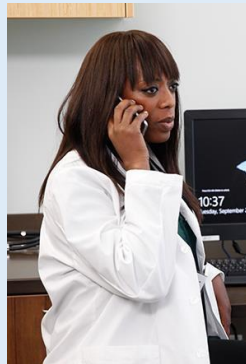
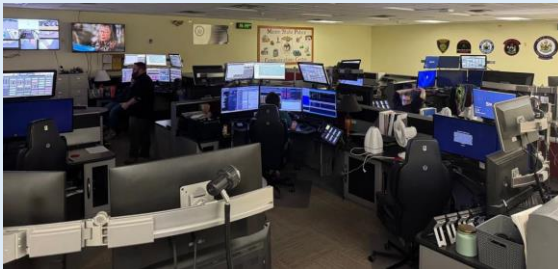


- Open a text box on your phone and enter the numbers 911 in the "To" field.
- Type the location of your emergency and a brief description of why you need help as the message.
- Push "send."
- Respond to any questions to the best of your ability.
- Pay attention to any instructions the dispatcher is giving you and do your best to follow them

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## 911 Calls in Maine

- ~700,000 911 calls annually (1,917 EACH day!)
  - 168 fire departments
  - 146 police departments
  - 267 EMS agencies



What  
now???????



# DON'T PANIC

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What do you have???



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## What should you have???

- Regular review / drills
- What might happen??
- What would kill someone?



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## What should you have???

### Massive hemorrhage

- Average 6 to 12-month-old has a high circumference of 8 inches / 20 cm.
- The CAT 7<sup>th</sup> generation are about 7.75 inches / 19.5 cm.



Harcke HT, Lawrence BA, Gripp HK, et al. Adult Tourniquet Use in School-Age Emergencies. *Pediatrics*. 2019;143(6)  
 Kelly, JR, Levy, MJ. Effectiveness of the Combat Application Tourniquet for Arterial Occlusion in Young Children. *J Trauma Acute Care Surg*. 2020 Jan 21.  
 Kragh, JF. Survey of Trauma Registry Data on Tourniquet Use in Pediatric War Casualties. *Pediatric Emergency Care*, 2012.

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But...OSHA....

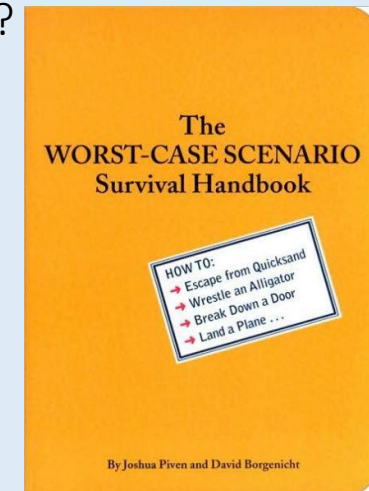
29 CFR 1910.151

- If the employer has persons who are trained in first aid, then adequate first aid supplies must be readily available for use...that are most appropriate to respond to incidents at their workplaces. OSHA allows employers to provide first aid supplies specific to the needs of their workplace.
- Employers who have unique or changing first-aid needs in their workplace may need to enhance their first-aid kits...Consultation from the local fire/rescue department, appropriate medical professional, or local emergency room may be helpful.



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What conditions do you see?



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## Preparation

LOCATION

ACCESS

INFORMATION

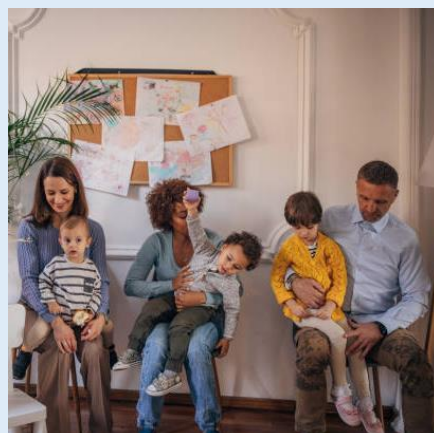
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## Location



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## Access



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## Who is coming?



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## Verbal Report

### Medical care report

- Why are we here?
- What have you done?
- Where are they going?

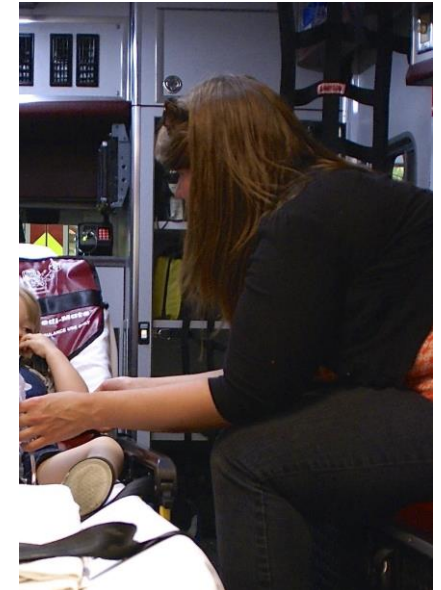


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## Information Needed By EMS

- Treating provider name/contact
- Vaccinations?
- Any other people coming
- Send the car seat!
  - Taxi/Uber/Bus
- Health History / Paperwork

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Visit Info  
(as time allows)

## But what about HIPAA?

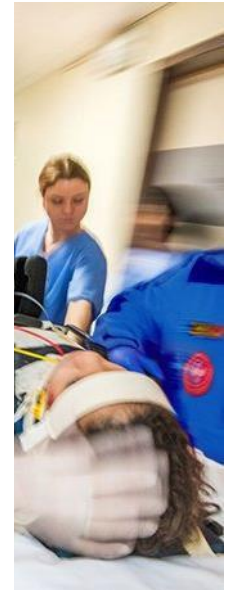
- When EMS practitioners and facility providers are actively treating the patient, they can communicate whatever information is necessary to coordinate healthcare for the patient.
- The Office for Civil Rights (OCR) has made it clear that under 45 CFR 164.506 that EMS practitioners are providing treatment within the meaning of HIPAA when exchanging healthcare information with providers involved in the patient's care.
- As such, disclosures or transmissions of patient information to or from other providers are permissible without the need to obtain patient consent under HIPAA.

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## Transport

- EMS Protocols
- Physician Involvement/Orders
- EMS Report to ED
- Who you talk to at the hospital may not be the one treating...

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## Afterwards

- Patient Care Report copies
- Critical Incident Debriefing
- Training



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## Thanks to

- Melissa Adams, Maine State EMD Coordinator
- Brodie Hinckley, Director, Bureau of Emergency Communications
- Shauna Perry-Smith, RN, Maine Health-Maine Medical Center Portland

All of YOU

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Thank you!

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FMI, Visit  
[maine.gov/ems/children](http://maine.gov/ems/children)



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## Additional References

- Stark, Ryan. (2020, September 12). *Sharing Patient Data Bidirectionally Under the Health Insurance Portability and Accountability Act (HIPAA)*. Page, Wolfberg, & Wirth, LLC. <https://nemsis.org/wp-content/uploads/2020/09/FINAL-Short-Legal-Opinion-on-HIPAA-and-Bidirectional-Sharing.pdf>
- *Privacy of Individually Identifiable Information*, Code of Federal Regulations, 45 CFR 164.506 (2013). <https://www.ecfr.gov/current/title-45/subtitle-A/subchapter-C/part-164/subpart-E/section-164.506>
- US Department of Labor. (2011). *OSHA 1910.151 First aid kits*. <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.151AppA>

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