

No Small Problem: Are You Ready to Provide Pediatric Trauma Care?

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Objectives

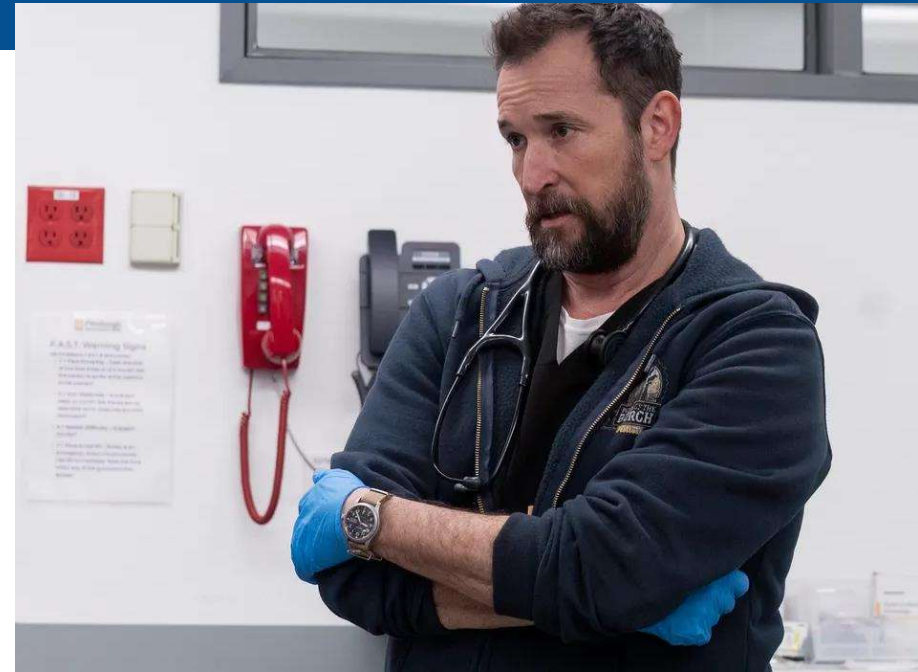


- Understand the role of the EMS for Children Program and the National Pediatric and Prehospital Readiness Projects in Connecticut and Nationally
- Recognize the role of a Pediatric Emergency Care Coordinator (PECC) has in improving patient care in the community ED. Consider how a PECC may do the same in an EMS agency.
- Identify available resources to aid in improving pediatric patient care

Which Team Are You?



"Everything I've done in my career is an effort to improve the system. Just because you know it's broken doesn't mean you stop trying." Baran Al-Hashimi



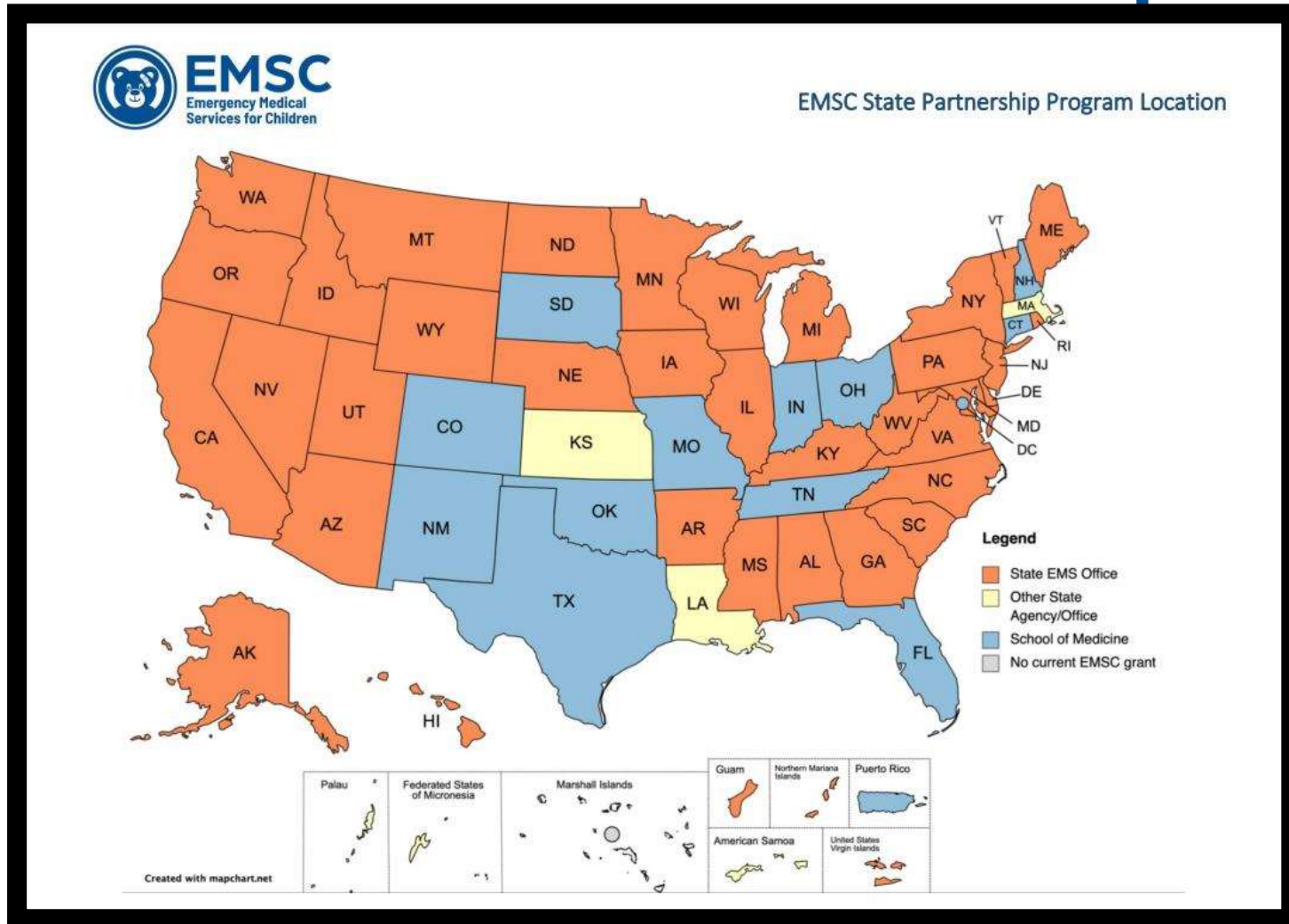
"Being here means no matter how good you are or how hard you try, you're gonna make another mistake, and someone else might even die. That's called being an emergency medicine doctor." Michael 'Robby' Robinavitch


Let's define terms & Get on the same page



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EMS for Children State Partnership Program



A healthcare professional, likely a nurse or doctor, is shown from the chest up, wearing light blue scrubs over a white shirt. A stethoscope is visible around their neck. They are holding a large, brown, plush teddy bear. The background is a blurred indoor setting with large windows and greenery. A blue oval with white text is overlaid on the left side of the image.

Ensuring every ill and injured child in Connecticut, no matter where they live, attend school or travel receives appropriate emergency medical care across the continuum.

Yale
NewHaven
Health
Yale New Haven
Children's Hospital



CT EMS for Children Advisory Board

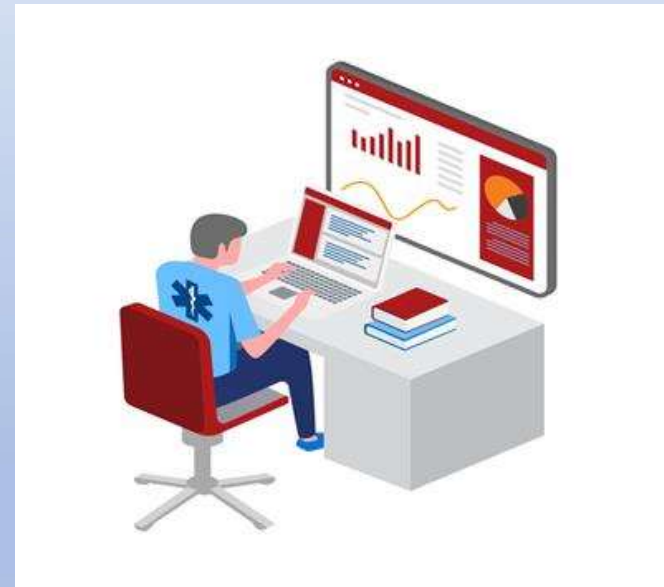


Pediatric Readiness Saves Lives!!!



76% Lower mortality
rate in ill children

60% Lower mortality
rate in injured
children



National Pediatric Readiness Project (NPRP)

National 80% Children
present to Community EDs



Pediatric Prehospital Readiness Project (PPRP)



National 10%
CT 6.76%



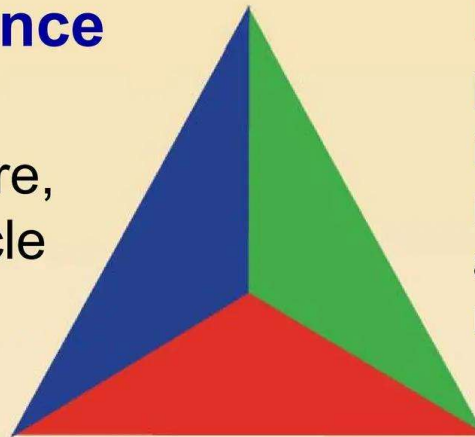
Pediatric Assessment Triangle

Appearance

Lethargic,
glassy stare,
poor muscle
tone

Breathing

Marked sternal and
intercostal
retractions, rapid
and shallow
respirations



Circulation

Pale with circumoral cyanosis

APLS

**The Pediatric Emergency
Medicine Resource**





Pediatric Readiness

- ✓ Education and Competencies for Providers
- ✓ Equipment and Supplies
- ✓ Patient and Medication Safety
- ✓ Patient- and Family-Centered Care
- ✓ Policies, Procedures, and Protocols
- ✓ Quality Improvement / Performance Improvement
- ✓ Interactions with Systems of Care



PPRP CHECKLIST



Pediatric Emergency Care Coordinator (PECC)

PECCs should have:

Protected time

A specific job description

Recognition and support from their
administration.

The individual(s) do not necessarily need
pediatric-specific expertise or background.



Pediatric Emergency Care Coordinator (PECC)

Having a PECC is one of the strongest drivers of improved pediatric outcomes.

2023 ~ 1/5 of CT EMS agencies have a PECC





ToolKit for PECCs

- Family EMS Satisfaction survey
- ACEP SimBox Simulations
- Pediatric activity log
- PECC onboarding and maintenance kit

SIMBOX Simulations

- Low-resource, high educational reward
 - Low-fidelity manikin
 - Video depicts patient and vital sign monitor
 - Script for facilitator
 - Debriefing script



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Models for Rural EMS PECCs

Regional PECC

- Serves as a resource for multiple agencies
- Low pediatric volume
- Facilitates training and resource sharing across agencies



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Models for Rural EMS PECCs

Agency PECC

- Based in one service
- May hold an officer role, may have a clinical shift reduction
- Performs education, QA, QI, equipment in-servicing, inventory

Models for Rural EMS PECCs

Shift PECC

- Pediatric expert during a given shift
- Resource for peers
- "If you're looking around and asking who the PECC is..."



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