

EMS Focus

A Collaborative Federal Webinar Series

NHTSA's Office of EMS

Tuesday, April 23, 2024 at 1pm ET

**How Ready Is Your Agency to Provide Pediatric Care?
Build Your Clinicians' Confidence When Treating Children**

EMS FOCUS WEBINAR



VARIETY OF TOPICS

Provides the EMS community with a unique opportunity to learn more about Federal EMS efforts and programs.



EXPERIENCE

Brings Federal, State and local leaders to you!



REGISTER

With opportunity for Q&A. Closed captioning is available.



FEEDBACK & QUESTIONS

nhtsa.ems@dot.gov

UPCOMING WEBINARS



June 2024

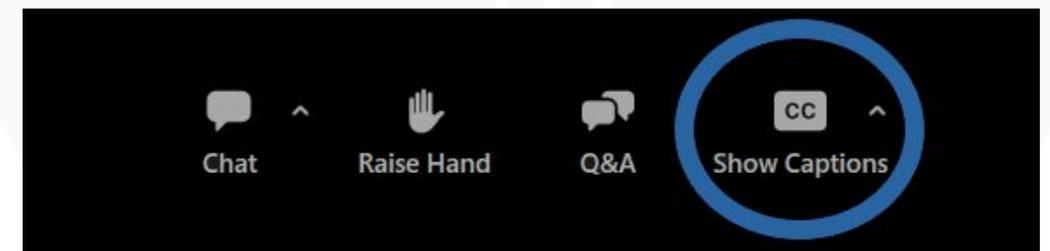
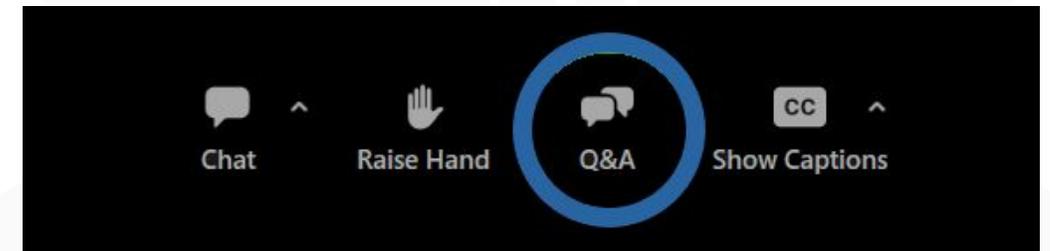


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This webinar will utilize three features in the Zoom Meeting controls.

- “Raise Hand” – Use this feature to ask your question live. You will be called upon and unmuted
- “Q&A” – Use this feature to submit your question virtually in a pop-up window/chat box
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NHTSA Office of EMS

Mission



Reduce death & disability



Provide leadership & coordination to the EMS community



Assess, plan, develop, & promote comprehensive, evidence-based emergency medical services & 911 systems



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Featured Resources

Use these links to find the most popular resources on EMS.gov:

- "Star of Life" Brochure
- Education Standards
- EMS Agenda 2050
- Evidence-Based Guidelines
- Innovation Opportunities for Emergency Medical Services: A Draft White Paper
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- State Assessments

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- National EMS Instructional Guidelines



Today's Topic: How Ready Is Your Agency to Provide Pediatric Care? Build Your Clinicians' Confidence When Treating Children

- **Gam Wijetunge**, Director, NHTSA's Office of EMS (moderator)
- **Dr. Kathleen Adelgais**, MD, MPH/MSPH, Professor, Pediatrics-Emergency Medicine at University of Colorado School of Medicine, Aurora, CO, and PPRP Co-Lead
- **Eric Hicken**, CPM, MICP, EMS for Children and Special Projects Program Manager, New Jersey Department of Health
- **Chief Frank St. Denis**, MHS, NRP, FP-C, EMS Division Chief, Lenoir County Emergency Services and PPRP Assessment field test participant

NHTSA Office of EMS & EMS for Children: Pediatric Care on the Roadways and Beyond



EMS.gov
Pediatrics
Page



Prehospital Pediatric Readiness

Overview



EMSC

**Emergency Medical
Services for Children**

**HAPPY 40th,
EMSC!**





The Vision

That all emergency care practitioners have the appropriate resources including trained and competent staff, education, policies, medications, equipment, and supplies, to provide effective emergency care for children across the spectrum of emergency care

Pediatric Readiness Includes:

- ✓ 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

Today's Topics

1. The State Partnership Grant Program
2. Pediatric Emergency Care Coordinators
3. The Prehospital Pediatric Readiness Program Assessment

Pediatric Emergency Care Coordinator (PECC)

- An agency can have one PECC or a PECC can be shared by multiple agencies
- PECCs do not need any previous formal experience in pediatrics
- A systematic review of literature showed EMS agencies with PECCs demonstrated improved documentation, clinical management, and staff awareness of high-priority pediatric areas



Prehospital Pediatric Readiness Project
Ensuring Emergency Care for All Children

PPRP Steering Committee: Structure and Accomplishments

- National working group of prehospital experts
- > 30 organizations and national partners
- 6 EMSC PPRP Fellows
- Quarterly meetings
- Governed by a project charter defining success
- Workgroups:
 - Toolkit
 - Research
 - Assessment
 - Communications



Checklist (2020)



Toolkit (2021)



Readiness Focus Areas

- ✓ 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

Prehospital Pediatric Readiness Assessment Gap Report

YOUR PREHOSPITAL PEDIATRIC READINESS SCORE COMPARED TO THE NATION:



LEGEND:



Readiness Met



Do Not Have Item

Education and Competencies for Providers

YOUR SCORE:

5.3 out of 15

	Your Previous National Points: N/A	CURRENT: 5/24/2023	Points Possible:	Readiness:
Skill station (not part of simulated event) physical demonstration	0	0.2	0.2	
Skill station physical demonstration frequency	0	0.2	0.2	
Simulated event (case scenario or mock incident) physical demonstration	0	0.2	0.2	
Simulated event physical demonstration frequency	0	0.2	0.2	

PPRP Assessment



MAY						
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JULY						
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28	29	30	31			

National EMS Information System (NEMESIS) Pediatric Dashboard

- A **NEMESIS pediatric dashboard** that can help drive performance improvement in pediatric prehospital emergency care
- The dashboard will integrate:
 1. EMS agency and state-level data
 2. Prehospital Pediatric Readiness Project (PPRP) Assessment
 3. Up-to-date evidence-based guidelines for key conditions

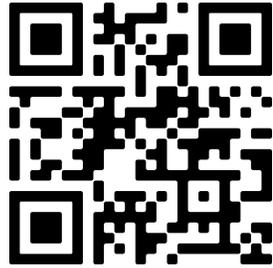
Proposed Dashboard Measures



Dashboard Metrics

1. Documentation of GCS, BP and respiratory rate in patients with trauma
2. Injured patients have a pain assessment completed
3. Patients with asthma exacerbation receive a beta-agonist
4. Patients in anaphylaxis receive epinephrine
5. Patients in shock receive IV fluids
6. Hypoglycemia is treated

For More Information



PPRP Assessment



**State EMSC Grant
Managers**

Q&A

Use Q&A function for Live Responses



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Feedback & Questions

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THANK YOU!