

# Understanding and Implementing the Pediatric Disaster Preparedness Checklist

*Domain 9: Children and Youth with  
Special Health Care Needs*



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# Acknowledgement and Disclaimer

The Emergency Medical Services for Children Innovation and Improvement Center is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award (U07MC37471) totaling \$3M with 0 percent financed with nongovernmental sources. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by HRSA, HHS, or the U.S. Government. For more information, please visit [HRSA.gov](https://www.hrsa.gov).

# Session Participation Incentives: CME/CE

- The American Academy of Pediatrics (AAP) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
- The AAP designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
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- PAs may claim a maximum of 1.0 Category 1 credits for completing this activity. NCCPA accepts AMA PRA Category 1 Credit<sup>™</sup> from organizations accredited by ACCME or a recognized state medical society.
- This program is accredited for 1.0 NAPNAP CE contact hours of which 0 contain pharmacology (Rx) content, (0 related to psychopharmacology) (0 related to controlled substances), per the National Association of Pediatric Nurse Practitioners (NAPNAP) Continuing Education Guidelines.
- This program is also accredited for 1 CE Nursing Credit

# Session Participation Incentives: MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn up to 1.0 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABP MOC credit.

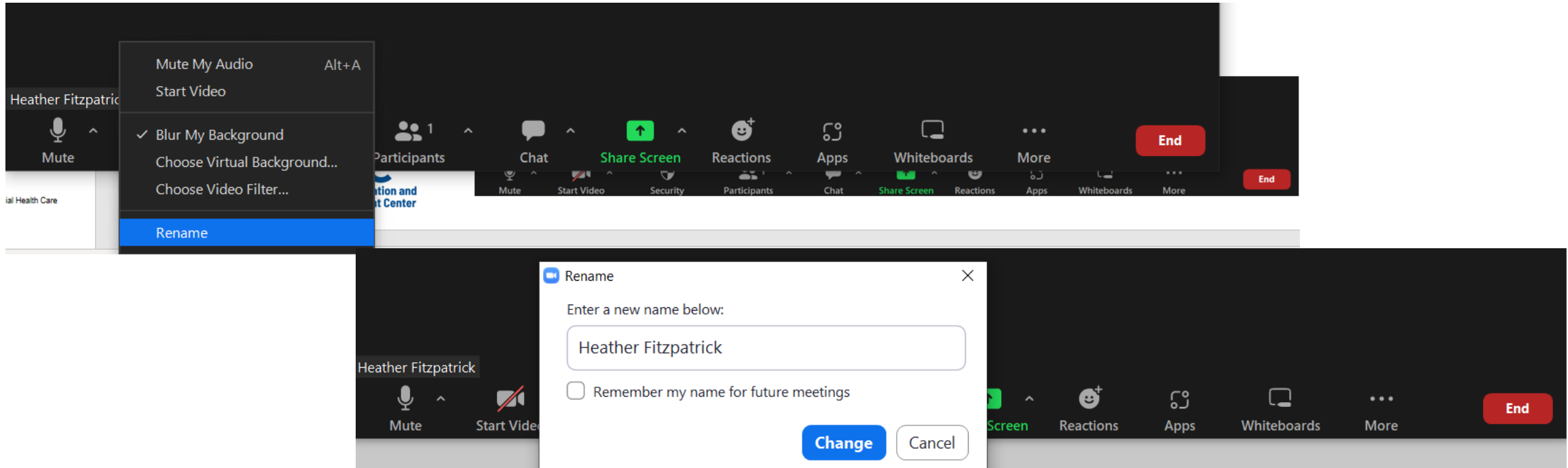
To be eligible to claim MOC Part 2, participants must:

- Attend the entire live session
- Complete the knowledge change survey available after the session

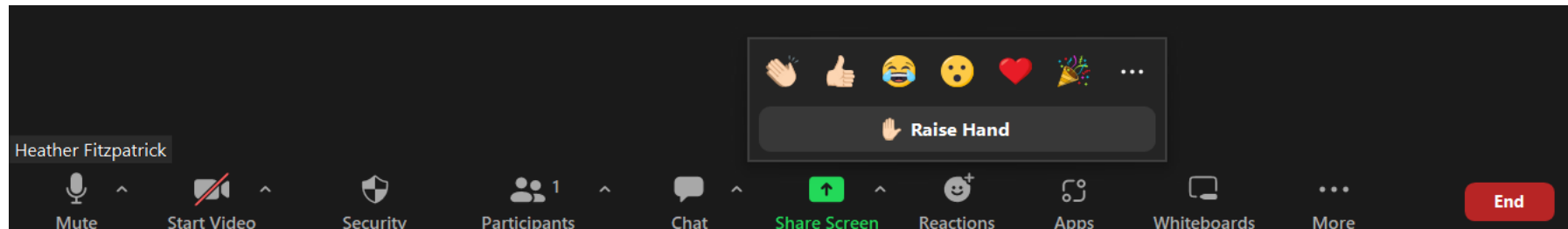
# Housekeeping

- Please consider changing your name as it appears in Zoom to include your role and your name
  - Right-click on name bar below picture or in participant list
  - Click on “rename”
  - Include role and name (eg, EMS-Jane Smith, PEM physician-Juanita Lopez)
- Feel free to enter questions in chat
- During Q &A, raise your hand (virtually or old-fashioned) and unmute when called on
  - To use “raise hand” feature in Zoom, click on “reactions” and select “raise hand”

# Change Name



# Raise Hand



# Agenda

- Overview of the Emergency Medical Services for Children Innovation and Improvement Center (EIIC) – *5 minutes*
- Introduction to the Checklist – *10 minutes*
- Understanding Domain 9: Children and Youth with Special Health Care Needs (CYSHCN) – *15 minutes*
- Q & A Discussion – *15 minutes*
- Wrap-up – *5 minutes*
  - Remaining sessions
  - Claiming continuing education credit and/or maintenance of certification  
2 credits

# Domain 9: Children and Youth with Special Health Care Needs



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# Today's Faculty



Jefferson Barrett, MD, MPH, FAAP



Deanna Dahl Grove, MD, FAAP



David Greenky, MD, FAAP



Kara Kowalczyk, MD, FAAP



# Disclosures

- Today's speakers have no relevant financial relationships with the manufacturer(s) of any commercial product(s) and/or provider of commercial services discussed in this CME activity
- Today's speakers do not intend to discuss an unapproved/investigative use of a commercial product/device in our presentation
- Today's speakers considered 'Words Matter: AAP Guidance on Inclusive, Anti-Biased Language' in preparing this presentation

# Learning Objectives

- **Following this session, learners will be able to:**
  - Identify 2 best practices related to preparing to meet the needs of CYSHCN during disasters.
  - Identify the considerations for CYSHCN in disasters included in the 3 progressive categories of foundation, intermediate and advanced in the pediatric disaster preparedness checklist.
  - Identify 1 policy or procedure in their facility that can be improved to better prepare for meeting the needs of CYSHCN during disasters.

# Emergency Medical Services for Children Innovation and Improvement Center (EIIC)

Deanna Dahl Grove, MD, FAAP



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# EIIC Mission

The mission of the EIIC is to optimize outcomes for children across the emergency care continuum by leveraging quality improvement science and multidisciplinary, multisystem collaboration.



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# EIIC Background

- Formed in 2016
- Led by 2 organizations with significant experience in the EMSC space
  - The University of Texas at Austin Dell Medical School
  - University Hospitals Rainbow Babies and Children's
- Part of the Emergency Medical Services for Children program

# EIIC Background, cont

- Key Partner Organizations
  - Yale University
  - Baylor College of Medicine
  - The Lundquist Institute
  - Multiple professional societies, including American Academy of Pediatrics
  - Multiple Federal Organizations

# EIIC Structure

- The EIIC is structured into key focus areas:
  - Hospital-Based Care
  - Prehospital-Based Care
  - **Disaster Preparedness**
  - Trauma
  - Quality Improvement Collaboratives
  - Advocacy
  - Knowledge Management
  - Research
  - Analytics
  - Value-Based Care



# EIIC Offerings – EMSC Program Support

- EMSC Partnership Grants
- Targeted Issues Grants
- EMSC Grants Database
- All Grantee Meeting
- Coordination with the EMSC Data Center

# EIIC Offerings - Education

- Pediatric Education and Advocacy Kits
- Toolkits
- Training Modules
- Webinars

# EIIC Offerings – Quality Improvement

- QI Collaboratives
- Communities of Practice
- Current/future Opportunities
  - PECC Workforce Development Collaborative
  - ED STOP Suicide Collaborative
- National Pediatric Readiness Project

# Introduction: Disaster Preparedness Checklist

Jefferson Barrett, MD, MPH, FAAP

David Greenky, MD, FAAP



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# Domain 9: Children and Youth with Special Health Care Needs

Kara Kowalczyk, MD, FAAP

David Greenky, MD, FAAP



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# Using the Checklist

## DOMAIN 9: CHILDREN AND YOUTH WITH SPECIAL HEALTH CARE NEEDS

Children and youth with special health care needs (CYSHCN) present unique considerations in pediatric disaster response, and require special attention when planning for a disaster.

RECOMMENDED ACTIVITY	FOUNDATION	INTERMEDIATE	ADVANCED
<b>Planning</b>	<ul style="list-style-type: none"> <li>○ Identify content experts and partners skilled in caring for CYSHCN in your community (caretakers, community pediatricians, developmental-behavioral pediatricians, home health agencies, parent support organizations).</li> <li>○ Anticipate and incorporate the needs of CYSHCN in your community and plan for their initial care during a disaster (consider estimating the number of patients with specific needs to ensure they can be cared for in a disaster).</li> </ul>	<ul style="list-style-type: none"> <li>○ Develop relationships with state and regional planning agencies to identify regional sheltering opportunities for CYSHCN.</li> <li>○ Strategize with patients, families, Public Health and Public Safety officials to create a plan to keep CYSHCN who are dependent on water, power, or technology from needing hospitalization to support their baseline needs during a disaster.</li> <li>○ Collaborate with local advocacy groups and community partners to ensure that children with developmental disabilities or technology dependence are considered in all aspects of disaster preparedness, including in emergency shelters.</li> </ul>	<ul style="list-style-type: none"> <li>○ Identify the hospitals closest to your institution's more fragile patients and create a coordinated plan for their care during a disaster scenario.</li> <li>○ Disseminate best practices regarding preparedness for families of CYSHCN via their medical homes embedded in your institution (complex care clinic).</li> <li>○ Create a robust system for remote support of non-pediatric hospitals in the care of CYSHCN.</li> <li>○ Lead advocacy efforts for state- and region-level planning to provide appropriate sheltering operations for CYSHCN during a disaster.</li> </ul>
<b>Equipment, supplies and medications required</b>	<ul style="list-style-type: none"> <li>○ Identify equipment, supply and medication needs (ventilators, suction, oxygen) for CYSHCN in your community that may be required in your hospital in the event of a crisis.</li> <li>○ Establish protocols with local EMS agencies to ensure CYSHCN are transported with all their medications and equipment (backup tracheostomy tubes, power cords for vents).</li> <li>○ Coordinate with local durable medical equipment companies to develop a process for securing essential equipment during a disaster.</li> </ul>	<ul style="list-style-type: none"> <li>○ Develop plans to obtain specialized equipment (wheelchairs, pediatric-capable ventilators, pediatric feeding tubes, pediatric suction catheters, tracheostomy, portable source of electricity, etc.) or MOUs to meet the needs of CYSHCN in a prolonged disaster scenario.</li> </ul>	<ul style="list-style-type: none"> <li>○ Have advanced pediatric resources on site and a plan to distribute them to enable continued care of CYSHCN at regional centers.</li> </ul>



# Using the Checklist

## DOMAIN 9 RESOURCES

1. American Academy of Pediatrics, Committee on Pediatric Emergency Medicine, Council on Clinical Information and Technology, & American College of Emergency Physicians Pediatric Emergency Medicine Committee. (2010). Emergency Information Forms and Emergency Preparedness for Children With Special Health Care Needs. *Pediatrics*, 125(4), 829-837. doi:10.1542/peds.2010-0186. Retrieved from <https://publications.aap.org/pediatrics/article-pdf/125/4/829/895276/zpe00410000829.pdf>
2. Centers for Disease Control Prevention. (2015). Planning for an Emergency: Strategies for Identifying and Engaging At-Risk Groups. A guidance document for Emergency Managers. 1. Retrieved from <https://stacks.cdc.gov/view/cdc/32996>
3. EMSC Innovation & Improvement Center. (2021a). Be Ready: Tips for Families of Children and Youth with Special Healthcare Needs. Retrieved from <https://emscimprovement.center/domains/preparedness/asprcoe/eglpdr/cyshcn/toolkit/beready/>
4. EMSC Innovation & Improvement Center. (2021b). Disaster and Families of Children with Disabilities: What Every Health Care Provider Needs to Know. Retrieved from [https://emscimprovement.center/domains/preparedness/asprcoe/eglpdr/cyshcn/toolkit/need\\_to\\_know/](https://emscimprovement.center/domains/preparedness/asprcoe/eglpdr/cyshcn/toolkit/need_to_know/)
5. Federal Emergency Management Agency (FEMA). (2009). Evacuating the Special Needs Population. Retrieved from <https://training.fema.gov/programs/emischool/el361/toolkit/assets/evacuatingspecialneedspopulation.pdf>
6. National Academy for State Health Policy. (2020). National Care Coordination Standards for Children and Youth with Special Health Care Needs. Retrieved from [https://www.lpfch.org/sites/default/files/field/publications/national\\_care\\_coordination\\_standards\\_for\\_cyshcn.pdf](https://www.lpfch.org/sites/default/files/field/publications/national_care_coordination_standards_for_cyshcn.pdf)
7. National Association of County and City Health Officials, & Association of State and Territorial Health Officials. Capacity-Building Toolkit for including Aging & Disability Networks in Emergency Planning. Retrieved from [https://www.naccho.org/uploads/downloadable-resources/NACCHO\\_Aging-and-Functional-Needs-Planning-FINAL.pdf](https://www.naccho.org/uploads/downloadable-resources/NACCHO_Aging-and-Functional-Needs-Planning-FINAL.pdf)
8. Ready.gov, Federal Emergency Management Agency. (2021). Individuals with Disabilities. Retrieved from <https://www.ready.gov/disability>



# Q & A Discussion

Please feel free to raise your hand to be called on to unmute or type your question in the chat box.



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# Wrap-up

Post-session Items



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# Next Steps

- All participants will receive the evaluation survey – please provide your honest feedback!
- Those who indicate an interest in receiving MOC 2 points will receive the post-session knowledge change survey
- Please contact the EIC Disaster Domain project managers with any questions
  - Dina Dornack, MSN, RN - [Dina.Dornack@UHhospitals.org](mailto:Dina.Dornack@UHhospitals.org)
  - Heather Fitzpatrick, MPH – [hfitzpatrick@aap.org](mailto:hfitzpatrick@aap.org)

# Future Sessions

September 27, 2022 – Patient Tracking and Reunification

*Sarita Chung, MD, FAAP*

October 25, 2022 – Pediatric Surge Capacity

*Brent Kaziny, MD, FAAP*



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# Thank you!

Thank you for all you do to improve the health and well-being of infants, children, and adolescents!



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