



Annual Report, 2023
prehospitalguidelines.org

Mission

To engage EMS stakeholder organizations, institutions, agencies, and leaders in a sustainable process that promotes the development, implementation, and evaluation of evidence-based guidelines for prehospital care

Background

Multiple national organizations are engaged in ongoing efforts to develop, implement, and evaluate prehospital evidence-based guidelines (EBGs). The [National Prehospital EBG Strategy](#) developed by the National Association of EMS Physicians (NAEMSP) and the National Highway Traffic Safety Administration (NHTSA) with involvement of 57 stakeholder organizations recognized a need to develop sustainable relationships among stakeholders and facilitate collaborative prehospital EBG efforts. The first proposed action of the Strategy was creation of a Prehospital Guidelines Consortium (PGC) representing national medical and EMS organizations that have an interest in prehospital EBGs and their benefits to patient outcomes. The Prehospital Guidelines Consortium is a 501c3 non-profit currently comprised of 37 member organizations with liaisons from several Federal agencies.

Consortium Objectives

1. Promote EMS EBG-related research
2. Promote development of EMS EBGs
3. Promote education related to EMS EBGs
4. Promote implementation of EMS EBGs
5. Promote standardized evaluation methods for EMS EBGs
6. Promote funding for the development of EMS EBGs

Leadership

President: Christian Martin-Gill, MD, MPH

Vice President: P.S. Martin, MD

Secretary: Ashish Panchal, MD, PhD

Treasurer: Angus Jameson, MD, MPH

| Committees | Committee Chair(s) |
|--------------------------------|---------------------------|
| Development & Evaluation | Kathleen Brown, MD |
| Dissemination & Implementation | Jennifer Fische, MD |
| Education | Kenneth Navarro, PhD |
| Finance | Angus Jameson, MD |
| Research | Christopher Richards, MD |

Board of Directors

Comprised of representatives of the following organizations:



Air Medical Physicians Association (AMPA)



American Academy of Pediatrics (AAP)



American Ambulance Association (AAA)



American College of Emergency Physicians (ACEP)



American College of Surgeons Committee on Trauma (ACS-COT)



American Heart Association (AHA)



American Red Cross (ARC)



International Association of Fire Fighters (IAFF)



National Association of EMS Educators (NAEMSE)



National Association of EMS Physicians (NAEMSP)



National Association of EMTs (NAEMT)



National Association of State EMS Officials (NASEMSO)



National Registry of EMTs (NREMT)

Current Member & Liaison Organizations

List available at: prehospitalguidelines.org/member-organizations

Projects Completed in 2023

- **Perspectives on Implementation of EMS Guidelines**

Members of the PGC collaborated with project lead Dr. Jennifer Fishe on a pair of studies aimed to gain a better understanding of implementation science related to EMS evidence-based guidelines. The [first study published in 2022](#) focused on the perspectives of EMS leadership on implementation of EBGs. The second study published in 2023 focused on evaluating the perspectives of front-line EMS clinicians:

 - [Fishe FN et al. Measuring the Implementation Preferences of Emergency Medical Services Clinicians Using Discrete Choice Experiments. Prehosp Emerg Care 2023.](#)
- **Implementation Science Webinar**

The PGC's Dissemination and Implementation Committee held a webinar on [Implementation Science and EMS](#), linked on the PGC's website at prehospitalguidelines.org/ebg-resources/.
- **Collaborations Supporting Development of Performance Measures**

Representatives of the PGC have collaborated with the following organizations and projects to assist in linking prehospital evidence-based guidelines to the development of prehospital performance measures:

 - National EMS Information System (NEMSIS) Pediatric Dashboard Project
Identifying pediatric prehospital guidelines for the creation of pediatric performance measures.
 - National EMS Quality Alliance (NEMSQA)
Identifying prehospital guidelines meeting the National Academy of Medicine criteria for high-quality guidelines to inform the development of performance measures
- **Updates to the Prehospital Evidence-Based Guideline Repository**

This searchable site provides a listing of prehospital evidence-based guidelines identified in the PGC's two prior systematic reviews and includes links to over 150 published guidelines relevant to EMS clinical care or operations. Available at:
<https://prehospitalguidelines.org/prehospital-ebgs-new/>.

Ongoing Projects in Progress for 2024

- **2024 Systematic Review of Prehospital Evidence-Based Guidelines**

Through a collaborative agreement with the National Registry of EMTs (NREMT), the PGC is performing its third biennial update to the systematic review of guidelines related to prehospital care. This review is evaluating guidelines published between 2021 and June 2023. The quality of individual guidelines is being appraised to identify if they met the National Academy of Medicine (NAM) criteria for high-quality guidelines and scored across the six domains of the Appraisal of Guidelines for Research and Evaluation (AGREE) II tool.

 - Access educational summaries of the 2022 Systematic Review at:
prehospitalguidelines.org/ebg-resources/

- **2024 EMS Research Reading List**

Also as part of a collaborative agreement with the NREMTs, the PGC will complete a biennial open call for top EMS-related research articles. Using a modified Delphi approach engaging EMS stakeholder input, the PGC will identify a list of top recently published scientific peer-reviewed articles. This list will be used to inform continued competency activities of the NREMT and other organizations, incorporating newer evidence and research concepts into EMS personnel education and training.

- Submit articles for the 2024 list at prehospitalguidelines.org/reading-list-submissions/.
- View the 2022 reading list at: prehospitalguidelines.org/reading-list/.

- **Educational Modules for EMS Guidelines and EMS Research Articles**

The PGC is partnering with member organizations and industry leaders in EMS education to create end-user educational content that informs EMS clinicians and administrators about the highest quality EMS guidelines and research articles identified biennially.

- **Additional Dissemination and Implementation Science Webinars**

These sessions will combine the expertise of implementation science experts with EMS guideline development experts to inform the EMS community on strategies to maximize the dissemination and implementation of EBGs across EMS systems.



For more information and EBG-related resources, go to: prehospitalguidelines.org

To get involved contact: admin@prehospitalguidelines.org