



Annual Report, 2022

www.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 35 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	Kathleen Brown, MD
Dissemination, Implementation, and Evaluation	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: www.prehospitalguidelines.org/member-organizations

Projects Completed in 2022

- **[2022 Systematic Review of Evidence-Based Guidelines for Prehospital Care](#)** – Through a collaborative agreement with the National Registry of EMTs (NREMT), the PGC performed a systematic review of prehospital guidelines published from January 2018 to April 2021. A total of 75 guidelines were appraised to identify if they met the National Academy of Medicine (NAM) criteria for high-quality guidelines and were scored across the six domains of the Appraisal of Guidelines for Research and Evaluation (AGREE) II tool.
- **[2022 EMS Professionals Reading List](#)** – Also through a collaborative agreement with the NREMT and through a modified Delphi approach engaging EMS stakeholder input, the PGC identified a list of top recently published scientific peer-reviewed articles. This list is being used to inform continued competency activities of the NREMT, incorporating newer evidence and research concepts into EMS personnel education and training.
- **[Recommendations for Improving the Quality of EMS EBGs](#)** – This publication leveraged the review of 146 guidelines through two systematic reviews to provide key recommendations for improving the quality of guidelines being created that impact prehospital care.
- **Educational Summaries for top EMS Guidelines and EMS-related scientific literature**
The PGC developed educational summaries of the top high-quality guidelines that were identified in our recent systematic review, as well as of the top scientific literature comprising the 2022 EMS Professionals Reading List. These educational summaries are aimed to assist EMS educators or individual EMS personnel in reviewing this content for the purpose of continued competency activities. This content will soon be available at www.prehospitalguidelines.org.
- **Perspectives on Implementation of EMS Guidelines**
Members of the PGC collaborated with project lead Dr. Jennifer Fishe on a series of studies aimed to gain a better understanding of implementation science related to EMS evidence-based guidelines.
 - [Guerrier et al. Emergency Medical Services Leadership Perspectives on Implementation of Evidence-Based Guidelines: A Qualitative Study. Prehosp Emerg Care 2022 \(Epub 2022 Sep 30\).](#)
 - The next study is evaluating perspectives of EMS personnel and is under review for publication.

Projects in Progress in 2023

- **2024 Systematic Review of Prehospital Evidence-Based Guidelines**
This will be the third biennial update to the systematic review of guidelines related to prehospital care. Literature review will begin in Spring 2023
- **2024 EMS Professionals Reading List**
The PGC will initiate in 2023 a new process for open requests for top EMS-related research articles for the biennial reading list that will be used to facilitate continued competency activities of the NREMT and other EMS organizations.



For more information and EBG-related resources, go to: www.prehospitalguidelines.org
To get involved contact: admin@prehospitalguidelines.org