
LITERATURE SURVEILLANCE

PARAMEDICINE CONTENTS: MARCH-MAY 2024

SECTION EDITORS: Brad Buck, BS, NRP, CP¹; Julius McAdams, BA, Paramedic²

Section Editor Affiliations: 1. Community & Emergency Paramedic, Mayo Clinic Ambulance Service; Board of Directors, American Paramedic Association; Rochester, MN, USA. 2. AirLink/VitaLink Clinical Education Coordinator, Novant Health-New Hanover Regional Medical Center; International Board of Specialty Certifications Liaison, International College of Advanced Practice Paramedics; Wilmington, NC, USA

Recommended Citation: Buck, B. & McAdams, J. (2024). Paramedicine contents: March-May 2024. *International Journal of Paramedicine*, (7), 172-179. <https://doi.org/10.56068/PCBN7731>. Retrieved from: <https://internationaljournalofparamedicine.com/index.php/ijop/article/view/3153>.

Keywords: tables of contents, literature search, literature surveillance, paramedicine, EMS, emergency medical services

Published: July 8, 2024

Disclosures: No relevant disclosures

Copyright © 2024 by the National EMS Management Association and the authors. This work is licensed under Creative Commons Attribution-NoDerivatives 4.0 International. To view a copy of this license, visit <https://creativecommons.org/licenses/by-nd/4.0/>.

To help paramedicine professionals keep current with the literature in our discipline, the 'Paramedicine Contents' section shares recent tables of contents of scholarly journals that are primarily focused on the paramedicine discipline.

JOURNAL OF EMS MEDICINE

<https://jemsm.org>

VOLUME 3, ISSUE 2, MAY 2024

Video versus Macintosh laryngoscopes for prehospital tracheal intubation in Japan: a propensity score matching analysis. Nobuo Santou, Hiroki Ueta, Sinji Kusunoki, Takuma Sadamori, Hiroshi Takyu, Hideharu Tanaka. <https://doi.org/10.35616/jemsm.2023.00024>

Time perception in the management of out-of-hospital cardiac arrest. Gilda Bernhart, Hala Ashraf, Amir Louka. <https://doi.org/10.35616/jemsm.2023.00073>

Effects of the COVID-19 pandemic and the introduction of information and communication technology in emergency scenes on the emergency transport environment in Japan. Masashi Horiguchi, Hideharu Tanaka, Hiroshi Takyu, Hiroki Ueta, Ryo Sagisaka. <https://doi.org/10.35616/jemsm.2023.00031>

Delayed distal thoracic esophageal perforation secondary to blunt trauma: a case report. Epifanus Arie Tanot, Sri Wahyuni, Harry Soedjatmiko. <https://doi.org/10.35616/jemsm.2022.00045>

JOURNAL OF PARAMEDIC PRACTICE

<https://www.paramedicpractice.com>

VOLUME 16, ISSUE 3, MARCH 2024

(not available)

VOLUME 16, ISSUE 4, APRIL 2024

Going green. Aysha Mendes. <https://www.paramedicpractice.com/content/editorial/going-green>

ECG case series for paramedics: April 2024. Charles Bloe. <https://www.paramedicpractice.com/content/ecg-case-series/ecg-case-series-for-paramedics-april-2024>

Spotlight on Research. Pete Gregory. <https://www.paramedicpractice.com/content/spotlight-on-research/spotlight-on-research-28>

Support from advanced practitioners in critical care for ankle fracture dislocation. Craig Morrison, Linda Renfrew, Ryan McHenry. <https://www.paramedicpractice.com/content/research/support-from-advanced-practitioners-in-critical-care-for-ankle-fracture-dislocation>

Perceptions of establishing advanced life support for out-of-hospital cardiac arrest. Craig Wilkins. <https://www.paramedicpractice.com/content/research/perceptions-of-establishing-advanced-life-support-for-out-of-hospital-cardiac-arrest>

Technology commitment of emergency medical service practitioners and dispatchers. Christian Elsenbast, Vera Hagemann. <https://www.paramedicpractice.com/content/research/technology-commitment-of-emergency-medical-service-practitioners-and-dispatchers>

Hidden layers: neurodiversity in paramedicine. Brian Sengstock. <https://www.paramedicpractice.com/content/paramedic-diversity/hidden-layers-neurodiversity-in-paramedicine>

Prehospital serratus anterior plane block for rib fractures. Stuart Abel, Tom Malinon. <https://www.paramedicpractice.com/content/comment/prehospital-serratus-anterior-plane-block-for-rib-fractures>

Placement expectations. Ellie Workman. <https://www.paramedicpractice.com/content/student-column/placement-expectations>

Prepping for practice. Alice Cochrane. <https://www.paramedicpractice.com/content/nqp-perspective/prepping-for-practice>

Settling into a new pace. Jennifer Green. <https://www.paramedicpractice.com/content/paramedic-transitions/settling-into-a-new-pace>

VOLUME 16, ISSUE 5, MAY 2024

On the page. Aysha Mendes. <https://www.paramedicpractice.com/content/editorial/on-the-page>

ECG case series for paramedics: May 2024. Charles Bloe. <https://www.paramedicpractice.com/content/ecg-case-series/ecg-case-series-for-paramedics-may-2024>

Ethical dilemmas: a student reflection on safeguarding in adult domestic abuse. Will Hird. <https://www.paramedicpractice.com/content/education/ethical-dilemmas-a-student-reflection-on-safeguarding-in-adult-domestic-abuse>

A need for national oversight in ambulance AI integration. Joe Frankland. <https://www.paramedicpractice.com/content/minds-and-machines/a-need-for-national-oversight-in-ambulance-ai-integration>

Prehospital management of sepsis with IV antibiotics: a UK literature review. Patryk Jadzinski, Sarah Fouch, Chris Markham, Rebecca Stores. <https://www.paramedicpractice.com/content/clinical-practice/prehospital-management-of-sepsis-with-iv-antibiotics-a-uk-literature-review>

JOURNAL OF PARAMEDICINE AND EMERGENCY RESPONSE

<https://www.ipress.tw/J0233>

2024, ISSUE 5

Sharing an experience of prehospital care for an extremely preterm labor with an en caul birth. Chih-Nan Wang, Shih-Tien Pan. <https://www.airitilibrary.com/Article/Detail/P20210804002-N202405290012-00001>

PARAMEDICINE

<https://journals.sagepub.com/home/PAM>

VOLUME 21 ISSUE 2, MARCH 2024

Paramedicine education: Navigating moments for transformation through research. Walter Tavares. <https://doi.org/10.1177/27536386241232670>

Prehospital administration of antibiotics in addition to usual care versus usual care alone for patients with suspected sepsis – a systematic review. Maddison Jayne Poynter, Ashley Farrugia, Elisabeth Kelly and Paul M Simpson. <https://doi.org/10.1177/27536386231207055>

Development of an international prehospital CPR-induced consciousness guideline: A Delphi study. Jack Howard, Eystein Grusd, Don Rice, Nikiah G. Nudell, Carlos Lipscombe, Matthew Shepherd and Alexander Olausen. <https://doi.org/10.1177/27536386231215608>

Chronic pain in the paramedic practice setting – a qualitative study of patients' perspective. Lucinda Peacock, Rachel Lewandowsky, Kelly Ann-Bowles, Bill Lord and Tim Andrews. <https://doi.org/10.1177/27536386231220966>

VOLUME 21 ISSUE 3, MAY 2024

Portrayals of a profession: Reflecting on media depictions of paramedics. Tania Johnston, Cheryl Cameron and Alan M. Batt. <https://doi.org/10.1177/27536386241244786>

Research agenda and priorities for Australian and New Zealand paramedicine: A Delphi consensus study. Robin Pap, Nigel Barr, Amy Hutchison, Peter O'Meara, Paul Simpson, Matthew Reardon, Harry Reeves, Louise Reynolds, Michelle Thomson and Linda Ross. <https://doi.org/10.1177/27536386241231666>

Invited commentary – A research agenda for paramedicine. Bill Lord. <https://doi.org/10.1177/27536386241242814>

Descriptive before-and-after study of the introduction of a ‘Leave Behind’ take-home naloxone dispensing/distribution program by the ambulance service in Western Australia. Hideo Tohira, Rudolph Brits, Simon Lenton, Seraina Agramunt, Deon Brink, Curtis Naylor, Jason Belcher, Stephen Ball and Judith Finn. <https://doi.org/10.1177/27536386231222283>

A document analysis of clinical guidelines for the paramedic management of obstetric and neonatal presentations in Australian and New Zealand ambulance services. Belinda Flanagan, Nigel Barr, James Pearce and Kathryn Eastwood. <https://doi.org/10.1177/27536386231223761>

PREHOSPITAL AND DISASTER MEDICINE

<https://www.cambridge.org/core/journals/prehospital-and-disaster-medicine>

VOLUME 39 - ISSUE 1 – FEBRUARY 2024

“Smart Emergency Call Point” Enhancing Emergency Medical Services on University Campuses. Korakot Apiratwarakul, Lap Woon Cheung, Chatkhane Pearkao, Dhanu Gaysonsiri, Kamonwon Ienghong. <https://doi.org/10.1017/S1049023X23006647>

A Novel Algorithm for Improving the Prehospital Diagnostic Accuracy of ST-Segment Elevation Myocardial Infarction. Mat Goebel, Lauren M. Westafer, Stephanie A. Ayala, El Ragone, Scott J. Chapman, Masood R. Mohammed, Marc R. Cohen, James T. Niemann, Marc Eckstein, Stephen Sanko, Nichole Bosson. <https://doi.org/10.1017/S1049023X23006635>.

High-Flow Nasal Cannula versus Bag Valve Mask for Preoxygenation during Rapid Sequence Intubation in the Emergency Department: A Single-Center, Prospective, Randomized Controlled Trial. Muhammed Fatih Cırıl, Mustafa Akarca, Ebru Unal Akoglu, Tuba Cimilli Ozturk, Özge Onur. <https://doi.org/10.1017/S1049023X23006684>.

Nation-Wide Variation in Presence of Legislation or Protocols for EMS Care of Operational Canines. David W. Schoenfeld, Caroline E. Thomas, Lee Palmer, William Justice, Esther Hwang, Kate D. Zimmerman, Jeffrey M. Goodloe, Jonathan D. Shecter, Stephen H. Thomas. <https://doi.org/10.1017/S1049023X24000074>.

Description of the Public Safety Medical Response and Patient Encounters Within and During the Indianapolis (USA) Spring 2020 Civil Unrest. Thomas P. Arkins, Mark Liao, Daniel O’Donnell, Nancy Globber, Gregory Faris, Elizabeth Weinstein, Michael W. Supples, Julia Vaizer, Benton R. Hunter, Thomas Lardaro. <https://doi.org/10.1017/S1049023X24000025>.

Suit Up: A Systematic Review of the Personal Protective Equipment (PPE) Recommended and Utilized by Various Classes of Responders to Nuclear Radiological Disasters at Nuclear Power Plants. Chaverle K. Noel, Erica D. Bruce, Benjamin J. Ryan. <https://doi.org/10.1017/S1049023X23006672>.

Using High-Fidelity Virtual Reality for Mass-Casualty Incident Training by First Responders – A Systematic Review of the Literature. Sara Heldring, Maria Jirwe, Jonas Wihlborg, Lukas Berg, Veronica Lindström. <https://doi.org/10.1017/S1049023X24000049>.

Redesigning Prehospital Care: Fiji’s Response to the COVID-19 Pandemic. Anne Creaton, Ilikini Naitini, Lemecki Lenoa. <https://doi.org/10.1017/S1049023X24000037>.

- Emergency Medical Services Protocols for Assessment and Treatment of Patients with Ventricular Assist Devices.** Emily L. Larson, JiWon Woo, Gyeongtae Moon, Kathy Liu, Matthew Vergel, Reed Jenkins, Kelly Jiang, Zachary Darby, Asa Margolis, Ahmet Kilic. <https://doi.org/10.1017/S1049023X2400013X>.
- Comparative Analysis of META and SALT Disaster Triage in an Adult Trauma Population: A Retrospective Observational Study.** Gawin Tiyawat, J. Marc Liu, Thongpitak Huabbangyang, Cesar Luis Roza-Alonso, Rafael Castro-Delgado. <https://doi.org/10.1017/S1049023X24000098>.
- Early Vital Sign Thresholds Associated with 24-Hour Mortality among Trauma Patients: A Trauma Quality Improvement Program (TQIP) Study.** Michael D. April, Andrew D. Fisher, Julie A. Rizzo, Franklin L. Wright, Julie M. Winkle, Steven G. Schauer. <https://doi.org/10.1017/S1049023X24000207>.
- Bleeding Control Protections Within US Good Samaritan Laws.** Matthew J. Levy, Christopher M. Wend, William P. Flemming, Antoin Lazieh, Andrew J. Rosenblum, Candace M. Pineda, Douglas M. Wolfberg, Jennifer Lee Jenkins, Craig A. Goolsby, Asa M. Margolis. <https://doi.org/10.1017/S1049023X24000268>.
- Paramedics' Success and Complications in Prehospital Pediatric Intubation: A Meta-Analysis.** Faisal A. AlGhamdi, Nasser A. Aljoaib, Abdulaziz M. Saati, Mishal A. Abu Melha, Mohammad A. Alkhofi. <https://doi.org/10.1017/S1049023X24000244>.
- Adverse Effects After Prehospital Administration of Naloxone by Bystanders: A Preliminary Study.** Daniel Du Pont, Rebecca Fenderson, Krystal Hunter, Alexander Kuc, Gerard Carroll. <https://doi.org/10.1017/S1049023X24000128>.
- Components of an Updated Disaster Medicine Curriculum Included in Emergency Medicine Residency and Emergency Medical Services Fellowship in the United States.** Sara P. Sandifer, Bryan J. Wexler, Avram Flamm. <https://doi.org/10.1017/S1049023X24000165>.
- Secondary Ambulance Transfers During the Mass-Casualty Terrorist Attack in Israel on October 7, 2023.** Evan Avraham Alpert, Jacob Assaf, Ahmad Nama, Ruchama Pliner, Eli Jaffe. <https://doi.org/10.1017/S1049023X24000153>.

PREHOSPITAL EMERGENCY CARE

<https://www.tandfonline.com/journals/ipec20>

- Comparison of Intubating Conditions with Succinylcholine Versus Rocuronium in the Prehospital Setting.** JT Ramsey, Killian M. Pache, Michael R. Sayre, Charles Maynard, Nicholas J. Johnson & Catherine R. Counts. <https://doi.org/10.1080/10903127.2023.2285399>
- Evidence-Based Guideline for Prehospital Airway Management.** Jeffrey L. Jarvis, Ashish R. Panchal, John W. Lyng, Nichole Bosson, Joelle J. Donofrio-Odmann, Darren A. Braude, Lorin R. Browne, Michael Arinder, Scott Bolleter, Toni Gross, Michael Levy, George Lindbeck, Lauren M. Maloney, Connie J. Mattera, Cheng-Teng Wang, Remle P. Crowe, Christopher B. Gage, Eddy S. Lang & J. Matthew Sholl. <https://doi.org/10.1080/10903127.2023.2281363>

- Editorial: Prehospital Airway Management – the Continued Search for Evidence.** Henry E. Wang. <https://doi.org/10.1080/10903127.2023.2281361>
- Evidence-Based Guidelines for Prehospital Airway Management: Methods and Resources Document.** Christopher B. Gage, Jonathan R. Powell, Nicole Bosson, Remle Crowe, Kyle Guild, Matthew Yeung, Davis Maclean, Lorin R. Browne, Jeffrey L. Jarvis, J. Matthew Sholl, Eddy S. Lang, Ashish R. Panchal & , on behalf of the Technical Expert Panel. <https://doi.org/10.1080/10903127.2023.2281377>
- Prehospital Use of Waveform Capnography in Intubated Neonates.** Krista Hartmann, Brittney Calatayud & Avram Flamm. <https://doi.org/10.1080/10903127.2024.2309214>
- Is a Positive Prehospital FAST Associated with Severe Bleeding? A Multicenter Retrospective Study.** Grace Stralec, Camille Fontaine, Sarah Arras, Keryann Omnes, Hamza Ghomrani, Pablo Lecaros, Philippe Le Conte, Frederic Balen & Xavier Bobbia. <https://doi.org/10.1080/10903127.2023.2272196>
- The Impact of Out-of-Hospital Time and Prehospital Intubation on Return of Spontaneous Circulation following Resuscitative Thoracotomy in Traumatic Cardiac Arrest.** Nada Radulovic, Morgan Hillier, Rosane Nisenbaum, Linda Turner & Brodie Nolan. <https://doi.org/10.1080/10903127.2023.2285390>
- Hemorrhagic Shock in Isolated and Non-Isolated Pelvic Fractures: A Registries-Based Study.** Amir Gottfried, Sami Gendler, David Chayen, Irina Radomislensky, Ilan Y. Mitchnik, Israel Trauma Group, Elad Epshtein, Avishai M. Tsur, Ofer Almog & Tomer Talmy. <https://doi.org/10.1080/10903127.2024.2322014>
- Ambulance Traffic Crashes in Japan: Characteristics of Casualties and Efforts to Improve Ambulance Safety.** Tatsuya Norii, Shunichiro Nakao, Tomoyuki Miyoshi, Tetsuo Hatanaka, Tasuku Miyake, Aya Okunaga, Danielle Albright, Darren Braude, David P. Sklar, MingAn Yang & Cameron Crandall. <https://doi.org/10.1080/10903127.2024.2315946>
- The Effect of Commencing Rotating Shift Work on Diet and Body Composition Changes in Graduate Paramedics: A Longitudinal Mixed Methods Study.** Angela B. Clark, Alison M. Coates, Tammie Choi, Ben Meadley, Kelly-Ann Bowles & Maxine P. Bonham. <https://doi.org/10.1080/10903127.2023.2249532>
- Cancer Risks among Emergency Medical Services Workers in Ontario, Canada.** Jeavana Sritharan, Paul A. Demers, Fanni R. Eros, Colin Berriault, Mamadou Dakouo & Tracy L. Kirkham. <https://doi.org/10.1080/10903127.2023.2283079>
- The Female Emergency Medical Services Experience: A Mixed Methods Study.** Molly McCann-Pineo, Meghan Keating, Tara McEvoy, Mikayla Schwartz, Rebecca M. Schwartz, Jonathan Washko, Elizabeth Wuestman & Jonathan Berkowitz. <https://doi.org/10.1080/10903127.2024.2306248>
- Understanding the Role of Empathy and Gender on EMS Clinician Occupational Stress and Mental Health Outcomes.** Mikayla Schwartz, Jonathan Berkowitz & Molly McCann-Pineo. <https://doi.org/10.1080/10903127.2024.2319139>
- Wilderness Paramedic—A Practice Analysis.** Jeffrey T. Thurman, Seth C. Hawkins, David Fifer, John R. Clark & Benjamin Abo. <https://doi.org/10.1080/10903127.2023.2281372>
- Brugada Syndrome as an Underlying Diagnosis for a Prehospital Seizure Dispatch.** Kristopher Bianconi, Wayne Zielinski, Scott Fischer, Jenna Ferlazzo, Matthew Steenberg & Navin Ariyaprakai. <https://doi.org/10.1080/10903127.2023.2285387>

Methodology for Evidence Evaluation and Reporting of the NAEMSP Trauma Compendium Position Statements. Christian Martin-Gill & John W. Lyng. <https://doi.org/10.1080/10903127.2024.2329217>

Position Statement: Expert Witness Qualifications and Ethical Guidelines for Emergency Medical Services Litigation. W. Ann (“Winnie”) Maggiore, Ryan C. Jacobsen & Douglas F. Kupas. <https://doi.org/10.1080/10903127.2024.2325634>

VOLUME 28, ISSUE 5

Prehospital Shock Index Multiplied by the Alert/Verbal/Painful/Unresponsive Score as a Predictor of Clinical Outcomes in Traumatic Injury. Po-Chen Lin, Meng-Yu Wu, Chien-Hsing Wang, Tou-Yuan Tsai, Yueh-Cheng Tu, Chi-Yuan Liu, Shu-Jui Lee, Chia-Hung Tsai, Jui-Yuan Chung & Giou-Teng Yiang. <https://www.tandfonline.com/doi/epub/10.1080/10903127.2024.2362921>

Pharmacokinetics of Tranexamic Acid (TXA) Delivered by Expeditious Routes in a Swine Model of Polytrauma and Hemorrhagic Shock. Mallori Wilson, Sean Stuart, Brittany Lassiter, Timothy Parker Jr., Clyde Martin III, Robert Healy, Christopher Treager, Eric Sulava, Lorie Gower, Pravina Fernandez & Emily Friedrich. <https://doi.org/10.1080/10903127.2024.2342025>

Shock Index as a Predictor of Mortality and Hospital Admission in Prehospital Gastrointestinal Bleeding: A Retrospective Cohort Study. Joshua Lowe, Zachariah Lowe & Rachel Ely. <https://doi.org/10.1080/10903127.2024.2331739>

Results of a Quality Improvement Initiative to Increase the Completion Rate of Electronic Health Records for Patient Encounters at a Large Urban Fire-Based Non-Transporting EMS Agency. Rick A. Allgood, Gregory W. Faris, Michael Supples, Thomas Lardaro & Remle P. Crowe. <https://doi.org/10.1080/10903127.2023.227980>

Do EMS Physicians Delay On-Scene Times for HEMS Crews? Krishna Patel, Kevin Young, Blake Miller & Timothy Lenz. <https://doi.org/10.1080/10903127.2023.2266011>

Transport Rates and Prehospital Intervals for an EMS Telemedicine Intervention. Renoj Varughese, Mitchell Cater-Cyker, Rupa Sabbineni, Sara Sigler, Sara Champoux, Mark Gamber, Susan J. Burnett, Gerad Troutman, Chan Chuang, Richard Sanders, John Doran, Nushin Nataneli, Derek R. Cooney, Joshua A. Bloomstone & Brian M. Clemency. <https://doi.org/10.1080/10903127.2023.2266023>

Elimination of Emergency Department Ambulance Divert during the COVID-19 Pandemic Was Not Associated with an Increase in the Average Number of Ambulance Arrivals per Day. Aaron M. Burnett, Kari B. Haley, Matthew F. Milder, Bjorn K. Peterson, Joey Duren, Andrew Stevens, Danielle M. Hermes, Paul Nystrom, Joseph Lippert, Jennifer L. Moberg & Kurt M. Isenberger. <https://doi.org/10.1080/10903127.2023.2271567>

A National Assessment of EMS Performance at the Response and Agency Level. Michael Redlener, David G. Buckler, Samuel E. Sondheim, Sai Kaushik Yeturu, George T. Loo, Kevin G. Munjal, Jeffrey Jarvis & Remle P. Crowe. <https://doi.org/10.1080/10903127.2023.2283886>

Prehospital Extended FAST Exams Improve Clinical Decision Making by Helicopter EMS Crews: A Retrospective Case Series. Benjamin Smith, Daniel Willner, William Roper & Christopher McGrath. <https://doi.org/10.1080/10903127.2024.2320746>

Rural Emergency Medical Services Clinicians' Perceptions and Preferences in Receiving Clinical Feedback From Hospitals: A Qualitative Needs Assessment. Katherine Schneider, Mimi Williams, Nicholas M. Mohr & Azeemuddin Ahmed. <https://doi.org/10.1080/10903127.2024.2324970>

Editorial: "Head Up CPR" Is Not Ready for Widespread Adoption. Jeffrey L. Jarvis, Michael R. Sayre, Remle P. Crowe, James J. Menegazzi & Henry E. Wang. <https://doi.org/10.1080/10903127.2024.2319697>

Letter to the Editor: Head Up Position CPR: A Complementary Option for Out-of-Hospital Cardiac Arrest. Keith Lurie, Johanna Moore, Jeffrey Goodloe, Joseph Holley, Randy Porter, Ross Campensa & Kerry Bachista. <https://www.tandfonline.com/doi/full/10.1080/10903127.2024.2359506>

Letter to the Editor: Delta Shock Index: Enhancing Prehospital Assessment of Gastrointestinal Bleeding. Yalcin Golcuk. <https://www.tandfonline.com/doi/full/10.1080/10903127.2024.2341413>

Letter to the Editor: In Response to Dr. Golcuk RE: Delta Shock Index: Enhancing Prehospital Assessment of GI Bleeding. Joshua Lowe. <https://doi.org/10.1080/10903127.2024.2343396>

SOUTH AFRICAN JOURNAL OF PRE-HOSPITAL EMERGENCY CARE

<https://www.journals.ac.za/sajpec/index>

Updated contents not available.