



LITERATURE SURVEILLANCE

PARAMEDICINE LITERATURE SEARCH: JUNE-AUGUST 2026

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Section Editor Affiliations: 1. Center for Transfers and Acute Care, Northwell Health, Great Neck, NY, USA; 2. Second Chance Safety, LLC, Glen Oaks, NY, USA; 3. International Journal of Paramedicine (IJOP), Hagerstown, MD, USA; 4. South County Fire and Rescue, Everett, WA, USA.

Recommended Citation: Morrissey, B., & Maxwell, S. (2026). Paramedicine literature search: June-August 2026. *International Journal of Paramedicine*. (16). 365-413. <https://doi.org/10.56068/QXMJ2782>

Keywords: literature search, emergency medical services, EMS, paramedicine

Disclosures: None.

Funding: External funding was not used to support this work.

Published: October 22, 2026

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To help paramedicine professionals to keep abreast of the literature in our discipline, the Paramedicine Literature Search provides the results of a standardized search of the PubMed database. These search results will include articles from journals that many paramedicine professionals may already be familiar with. The search strategy is also designed to include articles in journals they may not be commonly monitoring, such as an article about ambulance care for cancer patients that appeared in an oncology journal.

The formatting of the Paramedicine Literature Search allows the reader to scan the titles of articles and click into the article link, when provided, for additional details.

The authors have made a diligent effort in designing the search strategy to balance sensitivity (i.e., getting all relevant articles in paramedicine) with the specificity (i.e., excluding articles not relevant to paramedicine). The balance is imperfect. As a result, it should be noted that the results do not include every relevant article and include some non-relevant articles.

The search strategy is filtered to only include articles published in a time frame listed below. This will include articles with electronic and print publication dates in that date range. Some of the publication dates may fall outside of this range due to how the article metadata was indexed by the publisher. Duplicates from the search published in the previous issue were removed.

This issue's listings were done as a test for use of Claude Cwork to run the literature search and then reformat the results into the text file used to create the listings you see below.

The following results were obtained on October 12, 2026 from the PubMed website (<https://pubmed.ncbi.nlm.nih.gov>) using the following search terms and Boolean logic:

"paramedic"[Text Word] OR "paramedics"[Text Word] OR "prehospital"[Text Word] OR "pre-hospital"[Text Word] OR "emergency medical technician"[Text Word] OR "emergency medical technicians"[Text Word] OR "Ambulance"[Text Word] OR "emergency medical services"[Text Word] OR "fire-rescue"[Text Word] OR "fire-rescue"[Text Word]

Search Filter: Publication range of June 1, 2026 to August 31, 2026.

- Developing a method for assessing and promoting paramedics' physical capacity: Part I - Physically most strenuous work tasks and physical strain of Finnish paramedics on 12-hour day shifts. Halonen J. *Appl Ergon*. 2027 Jan;138:104865. Epub 2026 Aug 14. <https://doi.org/10.1016/j.apergo.2026.104865>
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- Artificial Intelligence in the Golden Hour: A scoping review of prehospital trauma triage and implementation feasibility in LMICs. Widiyawati K. *Int J Med Inform*. 2026 Nov 1;220:106638. Epub 2026 Aug 4. <https://doi.org/10.1016/j.ijmedinf.2026.106638>
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