



**Prehospital Emergency Services  
Current Awareness Update  
Issue 95, March-April 2022**

The aim of this Current Awareness Update is to provide a digest of information supporting evidence based practice in prehospital emergency services.

The issue name relates to when the contained articles were published- the bulletin is published the following month once the national bulletin has been issued.

This is an edited version of  
the update for SWASFT staff

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*Prehospital Emergency Services Current Awareness Update – Issue 95, March-April 2022*

**With thanks to Matt Holland, LKS ASE Librarian** (on behalf of the National Ambulance Research Steering Group).  
This Current Awareness Update was commissioned by the National Ambulance Research Steering Group comprising of research leads from ambulance trusts in England, Scotland and Wales and other experts and groups supporting prehospital research. The aim of the group is to support the strategic development of ambulance and prehospital research whether leading, collaborating in or using research.

The research papers have been arranged by the topic headings below:

[Prehospital Practitioners – Professional Development](#)

[Prehospital Research – Methods and Discussion](#)

[Diagnosis & Triage](#)

[Helicopter Emergency Medical Services](#)

[On-Scene Interventions](#)

[Airway Management, Resuscitation & CPR](#)

[Covid-19 Papers](#)

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## Prehospital Practitioners – Roles, Professional Practice and Development

Bode, M., et al. (2022). Decision-making in suicide: When is the patient not for resuscitation? *Emergency Medicine Australia*.

Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)).

Donovan, N. (2022). Peer support facilitates post-traumatic growth in first responders: A literature review: [review-article]. *Trauma, Online First*.

Click [here](#) to access abstract, go to <https://discoverylibrary.org/illarticle/> to request fulltext

Häske, D., Schmöckel, S. (2022). [Development of emergency medical services and paramedics- In German]. *Notfall & rettungsmedizin*, 25(3).

Click [here](#) to access fulltext (open access as of 11/05/2022)

Newgard, C.D., et al. (2022). A Geospatial Evaluation of 9-1-1 Ambulance Transports for Children and Emergency Department Pediatric Readiness. *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*.

Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Nowrouzi-Kia, B, et al. (2022). Examining the quality of work-life of paramedics in northern Ontario, Canada: A cross-sectional study. *Work*.

Click [here](#) to access abstract, go to <https://discoverylibrary.org/illarticle/> to request fulltext

## Prehospital Research – Methods and Discussion

Aaronson, E. L., et al. (2022). Mapping the Future for Research in Emergency Medicine Palliative Care: A Research Roadmap. *Academic Emergency Medicine, Ahead of Print*.

Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Birkun, A., et al. (2022). Disparities in resuscitation education for people with disabilities: A research gap - *Resuscitation*, 175, 32-33.

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## Diagnosis and Triage

Davis, S., et al. (2022). Impact of Pain Assessment on Canadian Triage and Acuity Scale Prediction of Patient Outcomes - *Annals of Emergency Medicine*, 79(5), 433-440.

Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Magnusson, C., et al. (2022). Prehospital recognition of stroke is associated with a lower risk of death. *Acta neurologica Scandinavica*.

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Polito, C.C., et al. (2022). Implementation of an EMS protocol to improve prehospital sepsis recognition. *The American journal of emergency medicine*, 57.

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## Helicopter Emergency Medical Services

DeVitis, J., et al. (2022). To Tranexamic Acid or Not to Tranexamic Acid? Accuracy of Antifibrinolytic Administration at Altitude - Air Medical Journal. *Air Medical Journal*, 41(2).

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## On-Scene Interventions

Deeb, AP., et al. (2022). Prehospital synergy: Tranexamic acid and blood transfusion in patients at risk for hemorrhage. *The journal of trauma and acute care surgery*.

Click [here](#) to access abstract, go to <https://discoverylibrary.org/illarticle/> to request fulltext

Dufor-Neyron, H., et al. (2022). Prehospital Use of the Esophageal Tracheal Combitube Supraglottic Airway Device: A Retrospective Cohort Study. *Journal of Emergency Medicine*, 62(3), 324-331.

Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Latona, A., et al. (2022). Prehospital canthotomy: A sight-saving procedure in case series. *Emergency medicine Australasia : EMA, Ahead of Print*.

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Patrick, C., et al. (2022). Feasibility of prehospital esmolol for refractory ventricular fibrillation. *Journal of the American College of Emergency Physicians open*, 3(2).

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## Airway Management, Resuscitation & CPR

Blewer, A. L., et al. (2022). Emergency medical services-witnessed out-of-hospital cardiac arrest: Global variation and opportunities for future investigation. *Resuscitation*, 0(0).

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Dennis, M., et al. (2022). Out-of-hospital cardiac arrest outcomes, end-tidal carbon dioxide and extracorporeal cardiopulmonary resuscitation eligibility: New South Wales pilot data. *Emergency Medicine Australasia, Ahead of Print*.

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Descatha, A., et al. (2022). Cardiac arrest: work on global prevention, global at prevention at work? *Resuscitation*, 0(0).

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## Covid-19 Papers

Mahase, E., (2022). Covid-19: Hospital and ambulance services struggle with huge demand and staff illness. *BMJ (Clinical research ed.)*, 377.

Click [here](#) to access fulltext (open access as of 11/05/2022)

Nishiyama, C., et al. (2022). Impact of the COVID-19 Pandemic on Prehospital Intervention and Survival of Patients With Out-of-Hospital Cardiac Arrest in Osaka City, Japan. *Circulation journal : official journal of the Japanese Circulation Society*.

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- Clinical Skills : An introduction for nursing and healthcare
- Emergency Medicine, Trauma and Disaster Management : From Prehospital to Hospital Care and Beyond
- Enhanced Palliative Care: A handbook for paramedics, nurses and doctors
- Literature Review : Six Steps to Success
- Mental Health Care in Paramedic Practice
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