



**Prehospital Emergency Services
Current Awareness Update
Issue 96, May-June 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

You will need a **SWASFT Athens account** to access resources
-register [here](#)

Need help accessing resources?

- email library.mailbox@nhs.net
- Visit <http://discoverylibrary.org/swasft>
- ring 01752 439111 (Mon-Fri 0830-1730) – lead library
- Visit your [local NHS library](#)

Prehospital Emergency Services Current Awareness Update – Issue 96, May-June 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](#)

[Patient Profile](#)

[Helicopter Emergency Medical Services](#)

[On-Scene Interventions](#)

[Airway Management, Resuscitation & CPR](#)

[Covid-19 Papers](#)

[Further Research Needed](#)

[New ebooks and other resources](#)

Visit <http://discoverylibrary.org/swasft>
to see all the information resources available to you including:

- ebooks
- databases
- journals
- point of care tools
- apps

SWASFT Author

Johnston, S., et al. (2022). Perceptions and experiences of mental health support for ambulance employees [research-article]. *Journal of Paramedic Practice*, 14(7).

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

Alshahrani, K., et al. (2022). A qualitative, cross-cultural investigation into the impact of potentially traumatic work events on Saudi and UK ambulance personnel and how they cope [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Blancq, N.-J. L. (2022). Impact of ambulance delays on the student paramedic [research-article]. *Journal of Paramedic Practice*, 14(7).

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

Boland, L. L., et al. (2022a). Evaluation of an EMS-Based Community Paramedic Pilot Program to Reduce Frequency of 9-1-1 Calls among High Utilizers [research-article]. *Prehospital Emergency Care, Online First*.

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

Brouwer, M., et al. (2022). P087 Focused Hand-over Take-Over from EMS to ER: get to the value-add of H's and T's. *Resuscitation*, 175, S67.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Burns, T., et al. (2022). An EMS transport destination officer is associated with reductions in simultaneous emergency department arrivals [research-article]. *Prehospital Emergency Care, Online First*.

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

Carter, A. J. E., et al. (2022). Essential Elements to Implementing a Paramedic Palliative Model of Care: An Application of the Consolidated Framework for Implementation Research. *Journal of palliative medicine*.

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

Diebel, S., et al. (2022). Differential rater function over time (DRIFT) during student simulations [research-article]. *Journal of Paramedic Practice*, 14(7).

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

Elden, O. E., et al. (2022). Community paramedicine: cost-benefit analysis and safety evaluation in paramedical emergency services in rural areas - a scoping review. *BMJ open*, 12(6).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Fukaguchi, K., et al. (2022). Experimental Implementation of NSER Mobile App for Efficient Real-Time Sharing of Prehospital Patient Information With Emergency Departments: Interrupted Time-Series Analysis. *JMIR formative research*, 6(7).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Glober, N., et al. (2022a). Factors Affecting Interfacility Transport Intervals in Stroke Patients Transferred for Endovascular Therapy [research-article]. *Prehospital Emergency Care, Online First*.

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

Hanks, A. e. a. (2022). Community emergency medicine throughout the UK and Ireland: a comparison of current national activity. *Emergency Medicine Journal*, 39(8).

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

Hoff, J. J., et al. (2022). Shame and Guilt in EMS: A Qualitative Analysis of Culture and Attitudes in Prehospital Emergency Care [research-article]. *Prehospital Emergency Care*.

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

Holland, M. (2022). Audio Feedback Project: A Project to Increase Social Presence in a Virtual Library and Knowledge Service [Research Articles]. *Evidence Based Library and Information Practice*, 17(2).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Höglund, E., et al. (2022). Outcomes in patients not conveyed by emergency medical services (EMS): a one-year prospective study [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-10.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Jacobsohn, C. G., et al. (2022). Multimethod Process Evaluation of a Community Paramedic Delivered Care Transitions Intervention for Older Emergency Department Patients [research-article]. *Prehospital Emergency Care, Online First*.

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

Johansson, H. e. a. (2022). Reasons for bias in ambulance clinicians' assessments of non-conveyed patients: a mixed-methods study [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Kang, J.-H., et al. (2022). Impact of violence on the burnout status of paramedics in the emergency department: A multicenter survey study - Australasian Emergency Care. *Australian Emergency Care, Online First*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Knights, A., & Sumera, K. (2022). Global recruitment (Editorial) [editorial]. *International Paramedic Practice*, 12(2).

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

Knowles, T., et al. (2022). P089 Media coverage of the PARAMEDIC-2 trial: an analysis of print media reports. *Resuscitation*, 175, S68-S69.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Kupas, D. F., et al. (2022). Joint Statement on Lights & Siren Vehicle Operations on Emergency Medical Services Responses [research-article]. *Prehospital Emergency Care*, 26(3).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Laukkanen, L., et al. (2022). Emergency department admission and mortality of the non-transported emergency medical service patients: a cohort study from Northern Finland. *Emergency Medicine Journal*, 39(6).

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

Lentz L., e. a. (2022). A Qualitative Analysis of the Mental Health Training and Educational Needs of Firefighters, Paramedics, and Public Safety Communicators in Canada. *International journal of environmental research and public health*, 19(12).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Lowery, B., et al. (2022). Using Natural Language Processing to Examine Social Determinants of Health in Prehospital Pediatric Encounters and Associations with EMS Transport Decisions [research-article]. *Prehospital Emergency Care, Online First*.

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

Magnusson, C. e. a. (2022). Suboptimal prehospital decision- making for referral to alternative levels of care – frequency, measurement, acceptance rate and room for improvement [ReviewPaper]. *BMC Emergency Medicine*, 22(1), 1-7.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Makkink, A. W., & Barnard, E. (2022). Potential overtreatment by paramedic students: A study from three South African higher education institutions [Research]. *Australasian Journal of Paramedicine*, 19.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Makrides, T., et al. (2022). From stretcher bearer to practitioner: A brief narrative review of the history of the Anglo-American paramedic system. *Australasian Emergency Care*, 0(0).

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

Maleczek, M., et al. (2022). ST-T segment changes in prehospital emergency physicians in the field: a prospective observational trial [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-9.

Click [here](#) to access fulltext (open access as of 05/09/2022)

McCann, L. (2022). *The Paramedic at Work*. Oxford University Press.

Ebook available [here](#) - SWASFT Athens required (register [here](#)).

Morin, F., et al. (2022). Deployment of “super lay-rescuers” equipped with AED to improve OHCA survival: An innovative partnership between emergency medical service, city hall and a mobile application in France - Resuscitation. *Resuscitation*, 176, 51-52.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Mortimer, C., & Ooms, A. (2022). Students' experience and perceived value of a clinical simulation centre [research-article]. *Journal of Paramedic Practice*, 14(6).

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

Mousavi Baigi, S. F. e. a. (2022). Evaluating the Impact of Digital Game on Learning Medical Terminology of Paramedical Students: Protocol for a Randomized Controlled Trial. *Studies in health technology and informatics*, 295.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Murphy, S., & Van der Velde, J. (2022). Paramedics' Perceptions of Their Role in End of Life Care. *Irish medical journal*, 115(4).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Olive, P., at al. (2022). Psychological and psychosocial aspects of major trauma care in the United Kingdom: A scoping review of primary research: [research-article]. *Trauma*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Olsson, M., et al. (2022). Educational intervention in triage with the Swedish triage scale RETTS©, with focus on specialist nurse students in ambulance and emergency care - A cross-sectional study. *International emergency nursing*, 63.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Ornato, J. P., et al. (2022). Importance of Analyzing Intervals to Emergency Medical Service Treatments. *Prehospital emergency care*, 27, 1-25.

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

Oslislo, S., et al. (2022). Redirecting emergency medical services patients with unmet primary care needs: the perspective of paramedics on feasibility and acceptance of an alternative care path in a qualitative investigation from Berlin, Germany. *BMC emergency medicine*, 22(1).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Pennington, E., et al. (2022). Prevalence, severity and preventability of prehospital patient safety incidents [research-article]. *Journal of Paramedic Practice*, 14(7).

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

Peran, D., et al. (2022). Non-technical skills in pre-hospital care in the Czech Republic: a prospective multicentric observational study (NTS study) [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-8.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Renkiewicz, G. K. e. a. (2022). Secondary Traumatic Stress in Emergency Services Systems Project: Quantifying the Effect of Personal Trauma Profiles on Lifetime Prevalence of Suicidality in Emergency Medical Services Personnel. *Air Medical Journal*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Sellmann, T., et al. (2022). Simulation-based randomized trial of medical emergency cognitive aids [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-9.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Spelten, E. e. a. (2022). Workplace violence against emergency health care workers: What Strategies do Workers use? [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Spencer-Goodsir, H., et al. (2022). The nature of paramedic practice in rural and remote locations: A scoping review. [Review]. *Australian Journal of Paramedicine*, 19.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Tory, D. S., & Darby, I. (2022). Paramedic decision-making and the influence of bias: a case study [research-article]. *Journal of Paramedic Practice*, 14(6).

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

Waalwijk, J. F., et al. (2022). Evaluating the effect of driving distance to the nearest higher level trauma centre on undertriage: a cohort study. *Emergency Medicine Journal*, 39(6).

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

Walker, D., et al. (2022). Factors Influencing Medication Errors in the Prehospital Paramedic Environment: A Mixed Method Systematic Review [research-article]. *Prehospital Emergency Care, Online First*.

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

Welter, C., et al. (2022). Impact of Ambient Temperature on 5 Emergency Drugs Aboard an Emergency Medical Car Over a 1-Year Period. *Annals of Emergency Medicine*, 0(0).

Click [here](#) to access fulltext (open access as of 05/09/2022)

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*.

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

Bunting, D., et al. (2022). Mastering linked datasets: The future of emergency health care research [research-article]. *Prehospital Emergency Care, Online First*.

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

Costantini, T., et al. (2022). Developing a National Trauma Research Action Plan: Results f... : Journal of Trauma and Acute Care Surgery. *Journal of Trauma and Acute Care Surgery*, 93(2), 200-208.

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

Knapp, J., et al. (2022). Outcome differences between PARAMEDIC2 and the German Resuscitation Registry: a secondary analysis of a randomized controlled trial compared with registry data. *European journal of emergency medicine*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Pocock, H., et al. (2022). P100 To inform or not? A qualitative evaluation of patient and public opinions on providing information about research participation following out of hospital cardiac arrest. *Resuscitation*, 175, S72.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Diagnosis and Triage

Alouidor, R., et al. (2022). Impact of Modified Geriatric Trauma Activation Criteria on patient outcomes at a level 1 trauma center: [research-article]. *Trauma, Online First*.

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

Chennareddy, S., et al. (2022). Portable stroke detection devices: a systematic scoping review of prehospital applications. *BMC emergency medicine*, 22(1).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Coppler, P. J., et al. (2022). Early risk stratification for progression to death by neurological criteria following out-of-hospital cardiac arrest. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Donovan, J. K. e. a. (2022). Use of point-of-care ultrasound by intensive care paramedics to assess respiratory distress in the out-of-hospital environment: A pilot study [research-article]. *Prehospital Emergency Care, Online First*.

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

Faour, A., et al. (2022). Utility of prehospital electrocardiogram interpretation in ST-segment elevation myocardial infarction utilizing computer interpretation and transmission for interventional cardiologist consultation. *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Fujiwara, S., et al. (2022). Prehospital stroke notification and endovascular therapy for large vessel occlusion: a retrospective cohort study. *Scientific reports*, 12(1).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Heikkilä, E., et al. (2022). P119 Feasibility of differential diagnosis protocol during out-of-hospital cardiac arrest – a prospective study. *Resuscitation*, 175, S80.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Ivic, R., et al. (2022). Pre-hospital emergency nurse specialist's experiences in caring for patients with non-specific chief complaints in the ambulance - A qualitative interview study. *International emergency nursing*, 63.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Jouffroy, R., et al. (2022). Association between prehospital shock index variation and 28-day mortality among patients with septic shock [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Kirkland, S. W., et al. (2022). Screening tools to identify patients with unmet palliative care needs in the emergency department: A systematic review - Kirkland - Academic Emergency Medicine - Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Nielsen, V. M. e. a. (2022a). Emergency Medical Services Prenotification is Associated with Reduced Odds of In-Hospital Mortality in Stroke Patients [research-article]. *Prehospital Emergency Care, Online First*.
Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Page, B., & Tang, S. (2022). Monkeypox outbreak: what paramedics need to know [research-article]. *Journal of Paramedic Practice, 14*(7).
Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Scott, R.W., & Fredriksen, K., (2022). Barriers to body temperature monitoring among prehospital personnel: a qualitative study using the modified nominal group technique. *BMJ open, 12*(6).
Click [here](#) to access fulltext (open access as of 05/09/2022)

Sangari, A., et al. (2022). Effect of pre-hospital notification on delays and neurological outcomes in acute ischemic stroke - Australasian Emergency Care. *Australian Emergency Care*,
Click [here](#) to access abstract, go to <https://discoverylibrary.org/illarticle/> to request fulltext

Shao, Y., et al. (2022). Design and validation of a new scale for prehospital evaluation of stroke and large vessel occlusion. *Therapeutic advances in neurological disorders, 15*.
Click [here](#) to access fulltext (open access as of 05/09/2022)

Soták, M., et al. (2022). The Role of Ultrasound Examination in the Differential Diagnosis of Cardiac Arrest in Prehospital Care: A Case Report [research-article]. *Prehospital Emergency Care, Online First*.
Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Spaite, D. W. e. a. (2022). Optimal Out-of-Hospital Blood Pressure in Major Traumatic Brain Injury: A Challenge to the Current Understanding of Hypotension - Annals of Emergency Medicine. *Annals of Emergency Medicine, 80*(1), 46-59.
Click [here](#) to access fulltext (open access as of 05/09/2022)

Ulrich, H. M., et al. (2022). Ambulance nurses' experiences of using prehospital guidelines for patients with acute chest pain - A qualitative study. *International emergency nursing, 63*.
Click [here](#) to access fulltext (open access as of 05/09/2022)

Vinson, A. J., et al. (2022). Predictors of Hyperkalemia among Patients on Maintenance Hemodialysis Transported to the Emergency Department by Ambulance. *Kidney360, 3*(4).
Click [here](#) to access fulltext (open access as of 05/09/2022)

Older People

Callon, J., et al. (2021). Falls downstairs: The impact on a UK major trauma centre: [research-article]. *Online First*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Dolenc Šparovec, E., et al. (2022). The importance of elderly people knowing basic first-aid measures *BMC Emergency Medicine*, 22(1), 1-8.

Click [here](#) to access fulltext (open access as of 05/09/2022)

McDonald, E., et al. (2022). P099 Outcomes for patients transported to hospital after out-of-hospital cardiac arrest in residential care: use of this location does not provide the full picture. *Resuscitation*, 175, S72. [https://doi.org/10.1016/S0300-9572\(22\)00509-3](https://doi.org/10.1016/S0300-9572(22)00509-3)

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Sirois, M.-J., et al. (2022). Functional Decline After Nonhospitalized Injuries in Older Patients: Results From the Canadian Emergency Team Initiative Cohort in Elders - *Annals of Emergency Medicine*. *Annals of Emergency Medicine*, 80(2), 154-164.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Tohira, H., et al. (2022a). Descriptive Study of Ambulance Attendances for Older Adults with and without Dementia in Western Australia [research-article]. *Prehospital Emergency Care, Online First*.

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

Tulchinsky, I., et al. (2022). Potentially avoidable emergency department transfers from residential aged care facilities for possible post-fall intracranial injury. *Emergency Medicine Australasia*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Children

Newgard, C. D., et al. (2022). A Geospatial Evaluation of 9-1-1 Ambulance Transports for Children and Emergency Department Pediatric Readiness [research-article]. *Prehospital Emergency Care, Online First*.

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

Ramgopal, S., et al. (2022). The Child Opportunity Index and Pediatric Emergency Medical Services Utilization [research-article]. *Prehospital Emergency Care, Online First*.

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

Ward, C. E., et al. (2022). Emergency Medical Services Clinicians' Perspectives on Pediatric Non-Transport [research-article]. *Prehospital Emergency Care, Online First*.

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

Other conditions

O'Cathain, A., et al. (2022). Tendency to call an ambulance or attend an emergency department for minor or non-urgent problems: a vignette-based population survey in Britain. *Emergency Medicine Clinics*, 39(6).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Zhou, J., et al. (2022). Epidemiology, outcomes and predictors of mortality in patients transported by ambulance for dyspnoea: A population-based cohort study. *Emergency Medicine Australasia*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Helicopter Emergency Medical Services

Cecil, C. A., et al. (2022). Characteristics of Children Who Deteriorate After Transport and Associated Preadmission Factors - Air Medical Journal. *Air Medical Journal*, 41(4), 380-384.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Collopy, K., et al. (2022). Patient Care Alterations After Point-of-Care Laboratory Testing During Critical Care Transport - Air Medical Journal. , 41(4), 370-375.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Edwards, K. H., et al. (2022). Air ambulance retrievals of patients with suspected appendicitis and acute abdominal pain: The patients' journeys, referral pathways and appendectomy outcomes using linked data in Central Queensland, Australia. *Australasian Emergency Care*, 0(0).

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

Ender, V., et al. (2022). Postintubation Sedation After a Formulary Change From Succinylcholine to Rocuronium in a Critical Care Transport Organization - Air Medical Journal. *Resuscitation*, 41(3), 287-291.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Fuchs, A. e. a. (2022). Helicopter inter-hospital transfer for patients undergoing extracorporeal membrane oxygenation: a retrospective 12-year analysis of a service system [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Kawai, Y., et al. (2022). Comparison of Changes in Vital Signs During Ground and Helicopter Emergency Medical Services and Hospital Interventions - Air Medical Journal. *Air Medical Journal*, 41(4), 391-395.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Latona, A., et al. (2022). Sengstaken–Blakemore tube in critical upper gastrointestinal bleeding: Implications for aeromedical retrieval. *Emergency Medicine Australasia*, 34(4), 648-650.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Nawrocki, P. S., et al. (2022). Prehospital Use of Whole Blood for Ill and Injured Patients During Critical Care Transport. *Air Medical Journal*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Nielsen, V. M. L., et al. (2022). Pediatric Emergencies in Helicopter Emergency Medical Services: A National Population-Based Cohort Study From Denmark - *Annals of Emergency Medicine*. *Annals of Emergency Medicine*, 80(2), P143-153.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Nystøyl, D. S., et al. (2022). Acute medical missions by helicopter medical service (HEMS) to municipalities with different approach for primary care physicians [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-9.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Ohsaka, H., et al. (2022). Analysis of the Activities of a Physician-Staffed Helicopter in the Coronavirus Disease 2019 Pandemic Phase - *Air Medical Journal*. *Air Medical Journal*, 41(4), 376-379.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Shepherd, T. L., et al. (2022). Profiling helicopter emergency medical service winch operations involving physicians in Queensland, Australia. *Emergency Medicine Australasia*, 34(3), 355-360.

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

On-Scene Interventions

SWASFT Authors

Goodwin, L., et al. (2022a). Barriers and facilitators to the administration of prehospital tranexamic acid: a paramedic interview study using the theoretical domains framework. *Emergency Medicine Journal*, 39(7).

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

Alhenaki, A. M., et al. (2021). Pre-hospital administration of tranexamic acid in trauma patients: A systematic review and meta-analysis: [research-article]. *Trauma, Online First*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Apelseth T.O., e. a. (2022). The Norwegian blood preparedness project: A whole blood program including civilian walking blood banks for early treatment of patients with life-threatening bleeding in municipal health care services, ambulance services, and rural hospitals. *Transfusion*, 62 Suppl 1.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Blackney, D. (2022). Prehospital administration of calcium in trauma [research-article]. *Journal of Paramedic Practice*, 14(7).

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

Braverman, M. A., et al. (2022). The regional whole blood program in San Antonio, TX: A 3-year update on prehospital and in-hospital transfusion practices for traumatic and non-traumatic hemorrhage. *Transfusion*, 62 Suppl 1.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Davies, J. (2022). Prehospital management of sickle cell crisis: a case report [research-article]. *Journal of Paramedic Practice*, 14(6).

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

Dewar, Z. E., et al., (2022). Prehospital portable ultrasound for safe and accurate prehospital needle thoracostomy: a pilot educational study. *The ultrasound journal*, 14(1).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Egger A., e. a. (2022). Efficacy and safety of methoxyflurane for treatment of acute traumatic pain by EMTs during alpine rescue operations: The “PainDrop” Trial [research-article]. *Prehospital Emergency Care*.

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

Fouche, P. F., et al. (2022). Temporal changes in blood pressure following prehospital rapid sequence intubation. *Emergency Medicine Clinics*, 39(6).

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

Garabon, J. J. W., et al. (2022). EMS Use and Success Rates of Intraosseous Infusion for Pediatric Resuscitations: A Large Regional Health System Experience [research-article]. *Prehospital Emergency Care, Online First*.

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

Goddard, C., et al. (2022). Prehospital Hypertonic Saline Administration After Severe Traumatic Brain Injury. *Air Medical Journal*, 0(0). <https://doi.org/10.1016/j.amj.2022.04.004>

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Gowen, E., et al. (2022). Pre-hospital video-assisted flexible bronchoscope rapid sequence intubation. *Emergency Medicine Australasia*, 34(4), 657-658.

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

Goyal, A. (2022). Prehospital Ketamine Use in Pediatrics [research-article]. *Prehospital Emergency Care, Online First*.

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

Grenier, G., et al. (2022). Removal of the cervical collar from alpine rescue protocols? A biomechanical non-inferiority trial in real-life mountain conditions [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Griffin, B., et al. (2022). The effect of 20 minutes of cool running water first aid within three hours of thermal burn injury on patient outcomes: A systematic review and meta-analysis. *Australasian Emergency Care*, 0(0).

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

Guterman, E. L., et al. (2022). Real-World Midazolam Use and Outcomes With Out-of-Hospital Treatment of Status Epilepticus in the United States. *Annals of Emergency Medicine*, 0(0).
Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Hern, H., et al. (2022). Prehospital Buprenorphine Treatment for Opioid Use Disorder by Paramedics: First Year Results of the EMS Buprenorphine Use Pilot [research-article]. *Prehospital Emergency Care, Online First*.
Click [here](#) to access fulltext (open access as of 05/09/2022)

Hubble, M. W., et al. (2022). Estimated Cost-Effectiveness of Implementing a Statewide Tranexamic Acid Protocol for the Management of Suspected Hemorrhage in the Prehospital Setting [research-article]. *Prehospital Emergency Care*.
Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Jensen, M. E. e. a. (2022). Prehospital fluid therapy in patients with suspected infection: a survey of ambulance personnel's practice [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-9.
Click [here](#) to access fulltext (open access as of 05/09/2022)

Kentaro Omatsu, K., et al. (2022). P066 Seasonal variations of bystander- and EMS-performed prehospital defibrillation. *Resuscitation*, 175, S58. [https://doi.org/10.1016/S0300-9572\(22\)00476-2](https://doi.org/10.1016/S0300-9572(22)00476-2)
Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Kevin Collopy, K., et al. (2022). Prehospital Administration of Cefazolin in Trauma Patients. *Air Medical Journal*, 0(0).
Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Lai, J., et al. (2022). Prehospital Ultrasound Use to Guide Resuscitative Thoracotomy in Blunt Traumatic Cardiac Arrest. *Air Medical Journal*, 0(0).
Click [here](#) to access fulltext (select Log in and then OpenAthens login)- 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*, 34(3), 428-433.
Click [here](#) to access fulltext (open access as of 05/09/2022)

Lipscombe, C., et al. (2022). Intubation Rates Following Prehospital Administration of Ketamine for Acute Agitation: A Systematic Review and Meta-analysis [research-article]. *Prehospital Emergency Care, Online First*.
Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Lowling, D., et al. (2022). Prehospital Epinephrine Use in Pediatric Anaphylaxis by Emergency Medical Services. *Pediatric emergency care*, 38(8).
Click [here](#) to access abstract, go to <https://discoverylibrary.org/illarticle/> to request fulltext

McCracken, B. M. (2022). A review of two emerging technologies for pre-hospital treatment of non-compressible abdominal hemorrhage. *Transfusion*, 62 Suppl 1.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Nelson, A. R., et al. (2022). An Evaluation of Prehospital Adenosine Use [research-article]. *Prehospital Emergency Care, Online First*.

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

Nutbeam, T., et al. (2022). A Delphi study of rescue and clinical subject matter experts on the extrication of patients following a motor vehicle collision [OriginalPaper]. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 30(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Patrick, C., et al. (2022). Nebulized Ketamine for Analgesia in the Prehospital Setting: A Case Series [research-article]. *Prehospital Emergency Care, Online First*.

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

Potisopha, W. (2022). Decision Delay Is a Significant Contributor to Prehospital Delay for Stroke Symptoms. *Western journal of nursing research*.

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

Price, J., et al. (2022a). Intubation success in prehospital emergency anaesthesia: a retrospective observational analysis of the Inter-Changeable Operator Model (ICOM). *Scandinavian journal of trauma, resuscitation and emergency medicine*, 30(1).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Puzio, T. J. e. a. (2022). Continuum of care: a multiagency approach to seamless warmed prehospital whole blood resuscitation of a patient with noncompressible truncal hemorrhage [research-article]. *Prehospital Emergency Care*.

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

Shekhar, A., & Mann, N. C. (2022). P153 Lidocaine versus amiodarone in out-of-hospital cardiac arrest: a retrospective analysis. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Smith, M. D., et al.,. (2022). Evaluation of the effectiveness and costs of inhaled methoxyflurane versus usual analgesia for prehospital injury and trauma: non-randomised clinical study [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-14.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Thom, O., et al. (2022). Cervical spine immobilisation is only required in drowning patients at high risk of axial loading of the spine. *Emergency Medicine Australasia*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Vella, S. P., et al. (2022). Paramedic care for back pain: A review of Australian and New Zealand clinical practice guidelines. *Australasian Emergency Care*, 0(0).

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

Watkins, P. M., et al. (2022). The prehospital management of ambulance-attended adults who fell: A scoping review. *Australasian Emergency Care*, 0(0).

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

Airway Management, Resuscitation & CPR

Biban, P., et al. (2022). Chest compressions in children before ECPR cannulation: Do we have time for pauses? - Resuscitation. *Resuscitation*, 177, 16-17.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Canon, V., et al. (2022). Out-of-hospital cardiac arrest in pregnant women: A 55-patient French cohort study. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Chang, H. e. a. (2022). Prehospital airway management for out-of-hospital cardiac arrest: A nationwide multicenter study from the KoCARC registry. *Academic Emergency Medicine*, 29(5), 581-588.

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

Cheema, K., et al. (2022). P120 The influence of locked automated external defibrillators (AEDs) cabinets on the rates of vandalism and theft. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Cournoyer, A., et al. (2022). Association of Initial Pulseless Electrical Activity Heart Rate and Clinical Outcomes following Adult Non-Traumatic Out-of-Hospital Cardiac Arrest *Prehospital Emergency Care*.

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

Donath, C., et al. (2022). P114 The effect of simulation-based training on airway management in simulated pediatric resuscitation. *Resuscitation*, 175, S77.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Emoto, R., et al. (2022). Prediction of Prehospital Change of the Cardiac Rhythm From Nonshockable to Shockable in Out-of-Hospital Patients With Cardiac Arrest: A Post Hoc Analysis of a Nationwide, Multicenter, Prospective Registry. *Journal of the American Heart Association*, 11(12).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Frascone, R., et al. (2022). Automated Versus Manual Cardiopulmonary Resuscitation in Flight: Are We Being Safe? - Air Medical Journal. *Resuscitation*, 41(3), 303-307.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Gamberini, L., et al. (2022). Factors influencing prehospital physicians' decisions to initiate advanced resuscitation for asystolic out-of-hospital cardiac arrest patients - Resuscitation. *Resuscitation*, 177, 19-27.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

George, N., et al. (2022). Comparison of emergency airway management techniques in the performance of emergent Cricothyrotomy. *International Journal of Emergency Medicine*, 15(1), 1-7.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Ghazali, D. A., et al. (2022). Effect of real-time feedback device compared to use or non-use of a checklist performance aid on post-training performance and retention of infant cardiopulmonary resuscitation: A randomized simulation-based trial. *Australasian Emergency Care*, 0(0).

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

Goh, A. X. C., et al. (2022). P156 Impact of high-volume centres on survival outcomes among nontraumatic out-of-hospital cardiac arrest patients: A systematic review and meta-analysis. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Grubic, N., et al. (2022). Bystander-initiated cardiopulmonary resuscitation and automated external defibrillator use after out-of-hospital cardiac arrest: Uncovering disparities in care and survival across the urban–rural spectrum - Resuscitation. *Resuscitation*, 175, 150-158.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Gutiérrez, J. J., et al. (2022). Contribution of chest compressions to end-tidal carbon dioxide levels generated during out-of-hospital cardiopulmonary resuscitation. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Gässler, H., et al. (2022). Mechanical chest compression devices under special circumstances. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Holmstrom, L., et al. (2022). Out-of-hospital cardiac arrest with onset witnessed by emergency medical services: Implications for improvement in overall survival - Resuscitation. *Resuscitation*, 175, 19-27.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Huser, C., et al. (2022). Higher chance of survival in patients with out-of-hospital cardiac arrest attributed to poisoning - Resuscitation. *Resuscitation*, 175, 96-104.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Irvine, R., et al. (2022). Pediatric Out-of-Hospital Cardiac Arrests: An Epidemiological Study [research-article]. *Prehospital Emergency Care, Online First*.

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

Jaspersen, S. S., et al. (2022). Functionality of registered automated external defibrillators - Resuscitation. *Resuscitation*, 176, 58-63.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Jung, E., & Lee, S.Y.,. (2022). P148 Prehospital fluid resuscitation for out-of-hospital cardiac arrest patients. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Kim, D., et al. (2022). A new variant position of head-up CPR may be associated with improvement in the measurements of cranial near-infrared spectroscopy suggestive of an increase in cerebral blood flow in non-traumatic out-of-hospital cardiac arrest patients: A prospective interventional pilot study - Resuscitation. *Resuscitation*, 175, 159-166.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Koyama, Y. e. a. (2022). Adequacy of compression positioning using the feedback device during chest compressions by medical staff in a simulation study [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-7.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Lauridsen, K. G., et al. (2022). Association of chest compression pause duration prior to E-CPR cannulation with cardiac arrest survival outcomes - Resuscitation. *Resuscitation*, 177, 85-92.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Lee, J. H. (2022). P149 Association of prehospital airway management technique with survival outcomes of out-of-hospital cardiac arrest patients according to transport time interval. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Lee, S. H., et al. (2022a). Effects of a Designated Ambulance Team Response on Prehospital Return of Spontaneous Circulation and Advanced Cardiac Life Support of Out-of-Hospital Cardiac Arrest: A Nationwide Natural Experimental Study [research-article]. *Prehospital Emergency Care, Online First*.

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

Lee, S. Y. (2022). P143 Effect of individual socioeconomic status on incidence of out-of-hospital cardiac arrest: A case-control study. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Lin, L.-W. e. a. (2022). Compromised cardiopulmonary resuscitation quality due to regurgitation during endotracheal intubation: a randomised crossover manikin simulation study [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-8.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Mackay, M. H., et al. (2022). Association of pre-hospital time intervals and clinical outcomes in ST-elevation myocardial infarction patients. *Journal of the American College of Emergency Physicians open*, 3(3).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Malik, A., et al. (2022). Association between sex and survival after non-traumatic out of hospital cardiac arrest: A systematic review and meta-analysis. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Massirio, P., et al. (2022). Intubation Rate Evaluation of Inborn Versus Outborn Premature Newborns Affected by Respiratory Distress Syndrome: Impact of Neonatal Transport - Air Medical Journal. *Air Medical Journal*, 41(4), 346-349.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Miyako, J. e. a. (2022). P142 Factors associated with the return of spontaneous circulation before emergency medical system arrival in out-of-hospital cardiac arrest occurring at a station in Tokyo, Japan. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Ni, S. a., et al. (2022). Emergency Medical Services Responder Manual Ventilation Performance [research-article]. *Prehospital Emergency Care*.

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

Nichols, M., (2022). Video versus direct laryngoscopy by specialist paramedics in New South Wales: Preliminary results from a new airway registry. *Emergency medicine Australasia : EMA*.

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

Oh, J. H. (2022). Importance of proper management of automated external defibrillators - Resuscitation. *Resuscitation*, 178, 8-9.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Parlow, S., et al. (2022). Inhaled anaesthesia compared with conventional sedation in post cardiac arrest patients undergoing temperature control: A systematic review and meta-analysis - Resuscitation. *Resuscitation*, 176, 74-79.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Phillipps, M., et al. (2022). P107 Factors influencing layperson bystanders' actions in cardiac arrests occurring at home: a qualitative in-depth interview study. *Resuscitation*, 175, S75.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Pocock, H., et al.,. (2022). P101 Systematic review of shock strategies for out-of-hospital cardiac arrest. *Resuscitation*, 175, S73.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Pozzi, M., et al. (2022). Pre-hospital extracorporeal cardiopulmonary resuscitation for refractory out-of-hospital cardiac arrest: Preliminary results of a multidisciplinary approach - Resuscitation. *Resuscitation*, 176, 19-20.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Radsel, P., & Goslar, T.,. (2022). Challenges in the initiation of extracorporeal cardiopulmonary resuscitation. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Robinson, A. E., et al. (2022). Emergency Airway Management in a Patient with a T-Tube Tracheal Stent - Journal of Emergency Medicine. *Journal of Emergency Medicine*, 62(6), 789-792.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Ryu, H. H. (2022). P150 Interaction effects between direct transport to cardiac arrest center and urbanization level on survival outcomes after out-of-hospital cardiac arrest. *Resuscitation*, 175.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Schober, P., et al. (2022). A mnemonic for high quality basic life support: The RACERS acronym - Resuscitation. *Resuscitation*, 176(24-26).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Scholz, S. S. e. a. (2022). Mechanical chest compression special devices for special situations – As simple as that? *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Schultz, B. V., et al. (2022). Epidemiology of out-of-hospital cardiac arrests that occur secondary to chemical asphyxiants: A retrospective series - Resuscitation. *Resuscitation*, 175, 113-119.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Schwindt, E. M., et al. (2022). Neonatal simulation training decreases the incidence of chest compressions in term newborns. *Resuscitation*, 0(0).

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Scquizzato, T., et al. (2022). Non-Invasive Ventilation in the Prehospital Emergency Setting: A Systematic Review and Meta-Analysis [research-article]. *Prehospital Emergency Care, Online First*.

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

Seesink, J., et al. (2022). Circumstances, outcome and quality of cardiopulmonary resuscitation by lifeboat crews; why not always use an AED? - Resuscitation. *Resuscitation*, 176, 53-54.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Segond, N., et al. (2022). Supraglottic Airway Device to Improve Ventilation Success and Reduce Pulmonary Aspiration during Cardio-Pulmonary Resuscitation by Basic Life Support Rescuers: A Randomized Cross-over Human Cadaver Study [research-article]. *Prehospital Emergency Care, Online First*.

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

Ślęzak, D. (2022). Network of Automated External Defibrillators in Poland before the SARS-CoV-2 Pandemic: An In-Depth Analysis. *International journal of environmental research and public health*, 19(15).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Spigner, M., et al. (2022). The Use of Predictive Modeling to Compare Prehospital eCPR Strategies [research-article]. *Prehospital Emergency Care, Online First*.

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

Stiell, I. G., et al. (2022). Advanced Life Support for Out-of-Hospital Chest Pain: The OPALS Study† [research-article]. *Prehospital Emergency Care*, 26(3).

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

Sun, G., et al. (2022). Are Pediatric Manual Resuscitators Only Fit for Pediatric Use? A Comparison of Ventilation Volumes in a Moving Ambulance [research-article]. *Prehospital Emergency Care*.

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

ter Avest, E. e. a. (2022). Advanced interventions in the pre-hospital resuscitation of patients with non-compressible haemorrhage after penetrating injuries [ReviewPaper]. *Critical Care*, 26(1), 1-11.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Tham, L. P., et al. (2022). Pre-hospital airway management and survival outcomes after paediatric out-of-hospital cardiac arrests - Resuscitation. *Resuscitation*, 176, 9-18.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Uehara, K., et al. (2022). Prehospital ABC (Age, Bystander and Cardiogram) scoring system to predict neurological outcomes of cardiopulmonary arrest on arrival: post hoc analysis of a multicentre prospective observational study. *Emergency Medicine Journal, Online First*.

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

Vadeyar, e. a. (2022). P117 Increasing use of intraosseous access at out-of-hospital cardiac arrest: a registry-based cohort study. *Resuscitation*, 175, S79.

Click [here](#) to access fulltext (select Log in and then OpenAthens login)- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Weihing, V. K., et al. (2022). Prehospital airway management in the pediatric patient: A systematic review. *Academic Emergency Medicine*, 29(6), 765-771.

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

Yang, B. Y., et al. (2022). A pilot evaluation of respiratory mechanics during prehospital manual ventilation - Resuscitation. *Resuscitationn*, 177, 55-62.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Ak, R., & Doğanay, F. (2022). Prehospital shock index in predicting mortality among patients with COVID-19. *The American journal of emergency medicine*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Alinier, G. (2022). Sequels of the COVID-19 pandemic on prehospital care professionals. *International Paramedic Practice*, 12(2).

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

Bánfai, B., et al. (2022). How effective are chest compressions when wearing mask? A randomised simulation study among first-year health care students during the COVID-19 pandemic *BMC Emergency Medicine*, 22(1), 1-8.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Bharmal, M., et al. (2022). Impact of Coronavirus Disease 2019 Pandemic on Cardiac Arrest and Emergency Care. *Cardiology clinics*, 40(3).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Blanchard, J., et al. (2022a). In their own words: Experiences of emergency health care workers during the COVID-19 pandemic. *Academic Emergency Medicine*.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Blanchard, J., et al. (2022b). The perceived work environment and well-being: A survey of emergency health care workers during the COVID-19 pandemic - Blanchard - 2022 - Academic Emergency Medicine

Click [here](#) to access fulltext (open access as of 05/09/2022)

Bow, S. M. A., et al. (2022). An evaluation of a pilot of daily testing of SARS-CoV-2 contacts in acute hospital and ambulance trusts in England. *Public health*, 209, 46-51.

Click [here](#) to access fulltext (open access as of 05/09/2022)

Caban-Martinez, A. J., et al. (2022). COVID-19 Vaccination Perspectives and Illnesses Among Law Enforcement Officers, Firefighters, and Other First Responders in the US, January to September 2021. *JAMA network open*, 5(7).

Click [here](#) to access fulltext (open access as of 05/09/2022)

Cash, R., et al. (2022). Change in Emergency Medical Services-Attended Out-of-Hospital Deliveries during COVID-19 in the United States [research-article]. *Prehospital Emergency Care, Online First*.

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

Chen, L., et al. (2022). Effect of Wearing N95 Mask on the Quality of Chest Compressions in Prehospital Emergency Personnel: A Cross-over Study [research-article]. *Prehospital Emergency Care*.

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

Chihaoui, M., et al. (2022). P132 Activity of a paramedic emergency response team in the management of covid-19 patients in an emergency medical service. *Resuscitation*, 175, S85. Click [here](#) to access fulltext (open access as of 05/09/2022)

Couturier, K., et al. (2022). EMS Non-Transport of Low-Risk COVID-19 Patients [research-article]. *Prehospital Emergency Care*. Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Damjanovic, D. e. a. (2022). Observational study on implications of the COVID-19-pandemic for cardiopulmonary resuscitation in out-of-hospital cardiac arrest: qualitative and quantitative insights from a model region in Germany [OriginalPaper]. *BMC Emergency Medicine*, 22(1), 1-11. Click [here](#) to access fulltext (open access as of 05/09/2022)

Edwards, S., et al. (2022). Time-critical telephone conversations in the emergency department: lessons learnt from a pilot educational project to improve communication skills over the telephone in response to the COVID-19 global pandemic. *Emergency Medicine Journal*. Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Finn, Z., et al. (2022). Prehospital COVID-19-Related Encounters Predict Future Hospital Utilization [research-article]. *Prehospital Emergency Care*. Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Frey, J. A., et al. (2022). COVID-19 Booster Uptake among First Responders and Their Household Members May Be Lower than Anticipated. *Vaccines*, 10(7). Click [here](#) to access fulltext (open access as of 05/09/2022)

Glober, N., et al. (2022c). Safety of an Alternative Care Protocol for EMS Non-Transport in the COVID-19 Pandemic [research-article]. *Prehospital Emergency Care, Online First*. Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Goktas, S., et al. (2022). The Effects of Motivational Messages Sent to Emergency Nurses During the COVID-19 Pandemic on Job Satisfaction, Compassion Fatigue, and Communication Skills: A Randomized Controlled Trial. *Journal of Emergency Nursing*, 0(0). Click [here](#) to access fulltext (open access as of 05/09/2022)

Hongjiang, Y., et al. (2022). Effectiveness of Two Pretreatment Methods in Anti-Fogging of Goggles in a COVID-19 Isolation Ward: A Randomized Controlled Trial. *Journal of Emergency Nursing*, 0(0). Click [here](#) to access fulltext (open access as of 05/09/2022)

Hosseini, B., et al. (2022). Effects of Vitamin D Supplementation on COVID-19 Related Outcomes: A Systematic Review and Meta-Analysis. *Nutrients*, 14(10). Click [here](#) to access fulltext (open access as of 05/09/2022)

Jasani, G., et al. (2022). Changes in EMS utilization in the state of Maryland during the first 6 months of the COVID-19 pandemic [Articles]. *American Journal of Disaster Medicine*, 17(1). Click [here](#) to access abstract, go to <https://discoverylibrary.org/illarticle/> to request fulltext

Lopez, J., et al. (2022). Cross-Sectional Analysis of Burnout, Secondary Traumatic Stress, and Compassion Satisfaction Among Emergency Nurses in Southern California Working Through the COVID-19 Pandemic - Journal of Emergency Nursing. *Journal of Emergency Nursing*, 48(4), 366-375. Click [here](#) to access fulltext (open access as of 05/09/2022)

Richards, A., et al. (2022). Evaluation of pre-hospital COVID-19 rapid antigen tests by paramedics and their use in a direct admission pathway. *The Journal of infection*, 85(3). Click [here](#) to access fulltext (open access as of 05/09/2022)

Ryu, M. Y., et al. (2022). Emergency Transport Refusal during the Early Stages of the COVID-19 Pandemic in Gyeonggi Province, South Korea. *International journal of environmental research and public health*, 19(14). Click [here](#) to access fulltext (open access as of 05/09/2022)

Sanri, E., et al. (2022). The Cardiopulmonary Effects of Medical Masks and Filtering Facepiece Respirators on Healthy Health Care Workers in the Emergency Department: A Prospective Cohort Study - Journal of Emergency Medicine. *Journal of Emergency Medicine*, 62(5), 600-606. Click [here](#) to access fulltext (open access as of 05/09/2022)

Santana-López, B. N., et al. (2022). The Need for Psychological Support of Health Workers during the COVID-19 Pandemic and the Influence on Their Work. *International journal of environmental research and public health*, 19(15). Click [here](#) to access fulltext (open access as of 05/09/2022)

Shibahashi, K., et al. (2022). Association of the COVID-19 pandemic with bystander cardiopulmonary resuscitation for out-of-hospital cardiac arrest: a population-based analysis in Tokyo, Japan. *Emergency Medicine Journal* 39(8). Click [here](#) to access fulltext (open access as of 05/09/2022)

Stirparo, G., et al. (2022). Cardiopulmonary resuscitation missed by bystanders: collateral damage of COVID-19? *Acta anaesthesiologica Scandinavica*. Click [here](#) to access fulltext (open access as of 05/09/2022)

Struyf, T., et al. (2022). Signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID-19. *The Cochrane database of systematic reviews*, 5(5). Click [here](#) to access fulltext (open access as of 05/09/2022)

Further Research Needed

Hanks, A. e. a. (2022). Community emergency medicine throughout the UK and Ireland: a comparison of current national activity. *Emergency Medicine Journal*, 39(8). Click [here](#) to access fulltext- SWASFT Athens required (register [here](#)). Click [here](#) to access free abstract

Conclusion While some national variations in services are explained by funding and geographical location, this review process revealed several differences in practice under the umbrella term of CEM. **A national definition of CEM and its aim, with guidance on scope of practice and measurable outcomes, should be generated to ensure high standard and cost-effective emergency care is delivered in the community.**

Hoff, J. J., et al. (2022). Shame and Guilt in EMS: A Qualitative Analysis of Culture and Attitudes in Prehospital Emergency Care [research-article]. *Prehospital Emergency Care*.

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

Conclusion: EMS clinicians often identify complex patient cases as those leading to emotions such as shame and guilt, with shame reactions being more common when a perceived error was committed. Coping mechanisms were varied, but individuals often relied on their coworkers in a sharing environment to adequately process their negative feelings, which was seen as a departure from past practices in EMS personnel. Our hope is **that future studies will be able to use these findings to identify targets for intervention on negative mental health outcomes in EMS personnel.**

Walker, D., et al. (2022). Factors Influencing Medication Errors in the Prehospital Paramedic Environment: A Mixed Method Systematic Review [research-article]. *Prehospital Emergency Care, Online First*.

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

Discussion: The body of evidence regarding medication errors is heterogenous and limited in both quantity and quality. Multiple factors influence medication error occurrence; knowledge of these is necessary to mitigate the risk of errors. Medication error incidence is difficult to quantify due to inconsistent measure, definitions and contexts of research conducted to date. **Further research is required to quantify the prevalence of identified factors in specific practice settings.**

Watkins, P. M., et al. (2022). The prehospital management of ambulance-attended adults who fell: A scoping review. *Australasian Emergency Care, 0(0)*.

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

Conclusion: The relationship between patient characteristics, falls and resulting injuries were well described in the literature. Other evidence about EMS management in prehospital settings was limited. **Further research regarding prehospital interventions, transport decisions and alternative care pathways in the prehospital setting is recommended.**

Ward, C. E., et al. (2022). Emergency Medical Services Clinicians' Perspectives on Pediatric Non-Transport [research-article]. *Prehospital Emergency Care, Online First*.

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

Conclusions: EMS clinicians in our study agreed that non-transport is currently a caregiver decision, but noted a collaborative process of shared decision-making where EMS clinicians advise caregivers whether transport is indicated. **Further research is needed to understand the safety of this practice. This study suggests there may be a need for EMS-initiated alternative disposition/non-transport protocols.**

New Ebooks and other resources

- ECG notes : interpretation and management guide
 - Emergency Medical Services : Clinical Practice and Systems Oversight
 - Emergency Medicine Simulation Workbook : A Tool for Bringing the Curriculum to Life
 - Mechanical Ventilation from Pathophysiology to Clinical Evidence
 - Oxford Professional Practice: Handbook of Patient Safety
 - The Paramedic at Work
 - Pharmacology for Paramedics
 - Pocket Anatomy and Physiology
 - Roadmap to Successful Scientific Publishing : The Dos, the Don'ts and the Must-Knows
 - Systematic Reviews in Health Research : Meta-Analysis in Context
 - Textbook of Acute Trauma Care
- SWASFT Athens account required (register [here](#))

Visit <http://discoverylibrary.org/swasft>
to see all the information resources available to you including:

- ebooks
- databases
- journals
- point of care tools
- apps

Feedback to

library.mailbox@nhs.net

Discovery Library, Derriford Hospital, Plymouth- lead library for SWASFT