



Prehospital Emergency Services Current Awareness Update Issue 71, May 2019

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

This is an edited version of the update for SWASFT staff

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Prehospital Emergency Services Current Awareness Update - Issue 71, May 2019

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:

<u>Prehospital Practitioners – Professional Development</u>

Prehospital Research – Methods and Discussion

Diagnosis & Triage

Patient Profile

Helicopter Emergency Medical Services

On-Scene Interventions

Airway Management, Resuscitation & CPR

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Prehospital Practitioners – Roles, Professional Practice and Development

Adzemovic, T. *et al.* (2019) 'Should they stay or should they go? Who benefits from interfacility transfer to a higher-level trauma center following initial presentation at a lower-level trauma center', *Journal of Trauma and Acute Care Surgery*, 86(6), pp. 952–960.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Armstrong, D. P. et al. (2019) 'The Ottawa Paramedic Physical Ability Test: test-retest reliability and analysis of sex-based performance differences', *Ergonomics*, pp. 1–10.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Brunetti, N. D. *et al.* (2019) 'Prehospital ECG transmission results in shorter door-to-wire time for STEMI patients in a remote mountainous region', *The American Journal of Emergency Medicine*. Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Chikani, V. et al. (2019) 'Improving the Continuum of Care by Bridging the Gap between Prehospital and Hospital Discharge Data through Stepwise Deterministic Linkage', *Prehospital Emergency Care*, pp. 1–7.

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Clarke, A. (2019) 'What influences the effective practice and role optimisation of specialist/advanced paramedics working in emergency departments? A qualitative study', *British Paramedic Journal*, 4(1), pp. 40–41.

Available <u>here</u> to College of Paramedics members. Click <u>here</u> to access abstract, email <u>library.mailbox@nhs.net</u> to request fulltext

Fitzgerald, M. *et al.* (2019) 'The World Health Organization trauma checklist versus Trauma Team Time-out: A perspective', *Emergency Medicine Australasia*, pp. 1742 Click <u>here</u> to access fulltext (free online as of 12/06/2019)

Fu, C.-Y. et al. (2019) 'Right hospital, right patients', Journal of Trauma and Acute Care Surgery, 86(6), pp. 961–966.

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Javaudin, F. *et al.* (2019) 'Response to letter to the editor: "comment on unplanned out-of-hospital birth and risk factors of adverse perinatal outcome: findings from a prospective cohort", *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 27(1), pp. 59–59. Click <u>here</u> to access fulltext (free online as of 12/06/2019)

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Helicopter Emergency Medical Services

Lunde, A. and Braut, G. S. (2019) 'The Concept of Overcommitment in Rescue Operations: Some Theoretical Aspects Based on Empirical Data', *Air Medical Journal*, 0(0).

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On-Scene Interventions

Benipal, S. et al. (2019) 'Mortality and Thrombosis in Injured Adults Receiving Tranexamic Acid in the Post-CRASH-2 Era', Western Journal of Emergency Medicine, 20(3), pp. 443–453. Click here-to-access-fulltext (free online as of 12/06/2019)

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Airway Management, Resuscitation & CPR

Alqudah, Z. et al. (2019) 'A descriptive analysis of the epidemiology and management of paediatric traumatic out-of-hospital cardiac arrest.', Resuscitation, 140, pp. 127–134.

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