



**Prehospital Emergency Services
Current Awareness Update
Issue 83, June 2020**

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 83, June 2020

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:

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[Prehospital Research – Methods and Discussion](#)

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[On-Scene Interventions](#)

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Prehospital Research – Methods and Discussion

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Patient Profile

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Helicopter Emergency Medical Services

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On-Scene Interventions

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Further Research Needed

Bennett Ryan, Mehmed Niall and Williams Brett Non-technical skills in paramedicine: A scoping review [Journal] // Nursing & Health Sciences. - [s.l.] : Nurs Health Sci, 7 31, 2020. - p. nhs.12765. –

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CONCLUSION: This scoping review identified 26 non-technical skills that had been investigated in the paramedic literature to create the first list of empirically-based desirable non-technical skills for a paramedic. **Subsequently, research can then begin to focus on identifying the link that these have to paramedic practice and patient safety.**

Lally Joanne [et al.] Paramedic experiences of using an enhanced stroke assessment during a cluster randomised trial: a qualitative thematic analysis [Journal] // Emergency Medicine Journal. - [s.l.] : BMJ, 6 16, 2020. - 8 : Vol. 37. - pp. emermed-2019-209392.

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CONCLUSION: Paramedics believed that the PASTA pathway enhanced their skills and the emergency care of stroke patients, but a continuing clinical role postadmission was challenging. **Future studies should consider whether interdisciplinary training is needed to enable more radical extension of professional boundaries for paramedics.**

Whitley Gregory Adam [et al.] Predictors of effective management of acute pain in children within a UK ambulance service: A cross-sectional study [Journal] // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 7 1, 2019. - 7 : Vol. 38. - pp. 1424-1430.

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CONCLUSION: These predictors highlight disparity in effective pre-hospital management of acute pain in children. **Qualitative research is needed to help explain these findings.**

Hoyle Antonia C, Biant Leela C and Young Mike Undertriage of the elderly major trauma patient continues in major trauma centre care: a retrospective cohort review [Journal] // Emergency Medicine Journal. - [s.l.] : BMJ, 6 16, 2020. - 8 : Vol. 37. - pp. emermed-2019-208541.

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CONCLUSION: Older major trauma patients are at greater risk of undertriage, even in the MTC (major trauma centre) environment. **Existing hospital trauma triage practices should be further investigated to explain and reduce undertriage of elderly trauma patients.**

Ebooks

- Dale's pharmacology condensed
- Gray's atlas of anatomy
- Oxford Handbook of Emergency Medicine
- Royal Marsden Manual of Clinical Nursing Procedures

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