



Welcome to **August 2018 issue** of the
Prehospital Emergency Services Current Awareness Update.

The aim of this Current Awareness Update is to provide a digest of information supporting evidence based practice in prehospital emergency services. Access to resources from open access and NICE Evidence Search journals are freely available to Ambulance Trust staff. A number may be only available via your local Library services, where they exist.

Welcome to the August Issue

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Online Bibliography

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Pinboards and RSS

Articles are posted daily to a web based *pinboard* created using [Sparrho](#). The [Paramedic Practice](#) pinboard is updated daily.

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Feedback to

Matt Holland, LKS ASE Librarian

(on behalf of the National Ambulance Research Steering Group)

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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.

Research & Best Practice

The following research papers have been published in the last couple of months.

- Papers listed as **Open Access** are freely available in full text from the link provided.
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The research papers have been arranged by the topic headings below: (*Ctrl & Click on the heading to go straight to that section*)

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Prehospital Practitioners – Professional Development

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Adelgais, K. M., Sholl, J. M., Alter, R., Gurley, K. L., Broadwater-Hollifield, C., & Taillac, P. (2018). Challenges in Statewide Implementation of a Prehospital Evidence-Based Guideline: An Assessment of Barriers and Enablers in Five States. *Prehospital Emergency Care*, 1–12. <https://doi.org/10.1080/10903127.2018.1495284>

Baier, N., Roth, K., Felgner, S., & Henschke, C. (2018). Burnout and safety outcomes - a cross-sectional nationwide survey of EMS-workers in Germany. *BMC Emergency Medicine*, 18(1), 24. <https://doi.org/10.1186/s12873-018-0177-2> **Open Access**

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Carter, A., Jensen, J., Petrie, D., Greene, J., Travers, A., Goldstein, J., ... Cain, E. (2018). State of the Evidence for Emergency Medical Services (EMS) Care: The Evolution and Current Methodology of the Prehospital Evidence-Based Practice (PEP) Program. *Healthcare Policy | Politiques de Santé*, 14(1), 57–70. <https://doi.org/10.12927/hcpol.2018.25548> **Open Access**

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Helicopter Emergency Medical Services (HEMS) and Air Medical

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Diagnosis and Triage

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Vaittinada Ayar, P., Delay, M., Avondo, A., Duchateau, F.-X., Nadiras, P., Lapostolle, F., ... Freund, Y. (2018). Prognostic value of prehospital quick sequential organ failure assessment score among patients with suspected infection. *European Journal of Emergency Medicine*, 1. <https://doi.org/10.1097/MEJ.0000000000000570>

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On-Scene Interventions

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Burgess, M. R., Crewdson, K., Lockey, D. J., & Perkins, Z. B. (2018). Prehospital emergency anaesthesia: an updated survey of UK practice with emphasis on the role of standardisation and checklists. *Emergency Medicine Journal : EMJ*, 35(9), 532–537. <https://doi.org/10.1136/emered-2017-206592> **NHS OpenAthens**

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Driver, B. E., Prekker, M. E., Klein, L. R., Reardon, R. F., Miner, J. R., Fagerstrom, E. T., ... Cole, J. B. (2018). Effect of Use of a Bougie vs Endotracheal Tube and Stylet on First-Attempt Intubation Success Among Patients With Difficult Airways Undergoing Emergency Intubation. *JAMA*, 319(21), 2179. <https://doi.org/10.1001/jama.2018.6496>

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