



Welcome to **May 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 May edition

Can you help?

To help understand more about the audience for this service can you complete this simple questionnaire. It takes no more than five minutes. Your responses are appreciated. The answers you provide will inform future improvements to PESCAU. The questionnaire is here [<https://www.surveymonkey.co.uk/r/pescau>].

TRIP Pro database

TRIP Pro and Higher Education England (HEE) have reached an agreement to all free access to TRIP Pro until the end of 2016. Access is within your organisations network defined by IP address. If you feel you should have access, the Library that supports you, or the part of your organisation that manages your networks should be able to arrange this. More information can be found here [<https://blog.tripdatabase.com/2016/04/03/nhs-england-free-access-to-trip-pro/>].

NIHR Publish Themed Review of Care at the Scene

NHS NIHR Dissemination Centre. 2016. *Themed Review. Care at the Scene. Research for Ambulance Services*. London: NIHR. Available from: <http://www.dc.nihr.ac.uk/highlights-and-reviews/pre-hospital-care> [Accessed 15 June 2016].

Matt Holland, May 2016.

Different ways to access the update

If you are reading this then you are already using the pdf/Word version of the Update. There are alternative social media routes you could try.

Twitter

Follow @NWASLibrary or go to <https://twitter.com/NWASLibrary>. The NWAS LKS Twitter account Tweets the latest relevant research for Paramedic Practice as it's published from scholarly/academic journals. If you don't want to subscribe just search for [#NWASLKSParamedic](#)

Online Bibliography

All this month's articles included here are available through the Mendeley Group [Prehospital Emergency Care Current Awareness Current](#). Click through to see the Abstracts with links to sources of full text.

Last month's and all previous month's articles are available from the [backfile](#). This means that information about articles in in past updates is always available.

Note the Tags don't work at the moment. This is a known problem and Mendeley are working on a fix.

Feedback to

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(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.
- All other papers will require you to log in with an **NHS Open Athens User Name** and **Password** to obtain the full text. These links take you to the abstract initially. To read the whole paper, choose either 'full text' or 'pdf' from the options on the abstract page. The full text option will present the article as a single webpage, the pdf. option will open as a digital copy of the original paper. Selecting either will open a page with the following link for you to enter your Athens username and password;

To view this item, select one of the options below:

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To create your own Athens username and password, simply visit:

<https://openathens.nice.org.uk/>

- Where papers are not available either through **Open Access** or with your **NHS Open Athens** you may be able to get access through your own Library Service if you have one, or University, if you are registered on a course.

The research papers have been arranged by the topic headings below: (Ctrl & Click on the heading to go straight to that section)

[Prehospital Practitioners – Professional Development](#)

[Prehospital Research – Methods and Discussion](#)

[Diagnosis & Triage](#)

[Patient Profile](#)

[Helicopter Emergency Medical Services](#)

[On-Scene Interventions](#)

[Airway Management, Resuscitation & CPR](#)

You can find the complete **archive** of the .pdf version of Prehospital Emergency Services Current Awareness Update at the link below.

www.networks.nhs.uk/nhs-networks/nwas-library-and-information-service/esca

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- Campeau, A.G., 2016. Paramedical risk framing during field referral of acute stroke and S–T elevation myocardial infarction patients. *Emergency Medicine Journal*, 33(6), pp.414–417. Available at: <http://emj.bmj.com/lookup/doi/10.1136/emermed-2015-205385> [Accessed June 12, 2016]. **NHS Open Athens @**
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- Elliot, A.J. et al., 2016. Monitoring the effect of air pollution episodes on health care consultations and ambulance call-outs in England during March/April 2014: A retrospective observational analysis. *Environmental pollution (Barking, Essex : 1987)*, 214, pp.903–11. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/27179935> [Accessed June 12, 2016]. **Check with your local Library Service provider.**
- Jagtenberg, C.J., Bhulai, S. & van der Mei, R.D., 2016. Dynamic ambulance dispatching: is the closest-idle policy always optimal? *Health care management science*. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/27206518> [Accessed June 12, 2016]. **Check with your local Library Service provider.**
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- Morales, L. et al., 2016. Patient acuity as a determinant of paramedics' frequency of being exposed to physically demanding work activities. *Applied ergonomics*, 56, pp.187–93. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/27184327> [Accessed June 12, 2016]. **Check with your local Library Service provider.**
- Peate, I., 2016. Approving educational programmes for paramedics. *Journal of Paramedic Practice*, 8(6), pp.278–279. **Check with your local Library Service provider.**
- Ray, J.G. et al., 2016. On-Premise Alcohol Establishments and Ambulance Calls for Trauma, Assault, and Intoxication. *Medicine*, 95(19), p.e3669. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/27175699> [Accessed June 12, 2016]. **Check with your local Library Service provider.**
- Rees, N. et al., 2016. How do emergency ambulance paramedics view the care they provide to people who self harm?: Ways and means. *International journal of law and psychiatry*. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/27237959> [Accessed June 12, 2016]. **Check with your local Library Service provider.**

- Rouse, J., 2016. What do ambulance service personnel perceive to be the process of and issues with inter-hospital transfers? *Journal of Paramedic Practice*, 8(6), pp.294–301. **Check with your local Library Service provider.**
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Prehospital Research – Methods and Discussion

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Diagnosis and Triage

- Barrett, K.M. et al., 2016. Ambulance-based assessment of NIH Stroke Scale with telemedicine: A feasibility pilot study. *Journal of telemedicine and telecare*. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/27177870> [Accessed June 12, 2016]. **Check with your local Library Service provider.**
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Patient Profile

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Helicopter Emergency Medical Services

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Airway Management, Resuscitation & CPR

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Isle of Wight	eMail: library@iow.nhs.uk Link to: Library Website	Full library membership of the Oliveira Library.
North West Ambulance Service	eMail: Matt.Holland@nwas.nhs.uk Link to: Library Website	Outreach Service; Guest membership of local NHS Library
South East Ambulance Service	eMail: Holly.Case@sash.nhs.uk	Outreach Library Service; Membership of local NHS Library.
Yorkshire Ambulance	eMail: library.crh@cht.nhs.uk	Membership of Calderdale

Service	Link to: Library Website	and Huddersfield NHS FT, Library and Knowledge Services
South Central Ambulance Service	eMail: library@royalberkshire.nhs.uk Link to: Library Website	Membership of Royal Berkshire NHS Foundation Trust Library
South West Ambulance Service	eMail: library.mailbox@nhs.net Link to: Library Website	Membership of the any of these libraries .
London Ambulance Service	eMail: caru.administrtor@londonambulance.nhs.uk	Document Supply, Research

Feedback to

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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.