



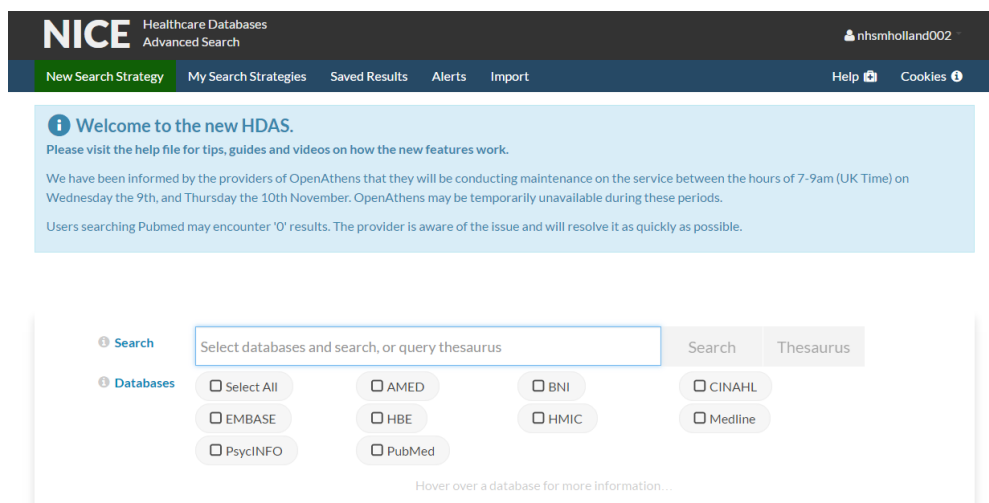
Welcome to **October** issue of the
Prehospital Emergency Services Current Awareness Update.

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 September edition

Changes to *Healthcare Database Advanced Search [HDAS]* / NICE Evidence Search

NICE released an update of the *Healthcare Database Advanced Search [HDAS]* at the end of October 2016. *HDAS* gives you access to medical / healthcare databases including MEDLINE, EMBASE and CINAHL. You can get to HDAS from *NICE Evidence Search* [www.evidence.nhs.uk], use the *Journals and databases* Menu. Access to *HDAS*



The screenshot shows the NICE Healthcare Databases Advanced Search interface. At the top, there is a navigation bar with 'New Search Strategy', 'My Search Strategies', 'Saved Results', 'Alerts', and 'Import'. Below this is a search bar with the text 'Select databases and search, or query thesaurus'. To the right of the search bar are 'Search' and 'Thesaurus' buttons. Below the search bar, there is a 'Databases' section with several checkboxes: 'Select All', 'AMED', 'BNI', 'CINAHL', 'EMBASE', 'HBE', 'HMIC', 'Medline', 'PsycINFO', and 'PubMed'. At the bottom of the screenshot, there is a note: 'Hover over a database for more information...'

requires an NHS Open Athens account. Register for an account [here](#).

Colleagues with access to a healthcare library service may have been updated on the changes. However, if you need information on the changes see the [Help Pages](#) from NICE or visit the NWAS LKS [Search Help Pages](#).

Matt Holland, November 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.

Pinboards and RSS

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

The RSS feeds that are used to create this update are also available online via [Feedly](#). [Click through to see the RSS feeds](#).

Feedback to

Matt Holland, NWAS LKS 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.
- Ⓒ 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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- Alter, S. M., Infinger, A., Swanson, D., & Studnek, J. R. (2016). Evaluating clinical care in the prehospital setting: Is Rapid Emergency Medicine Score the missing metric of EMS? *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.10.047> Check with your local Library Service provider.
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- Baker, E. F., Moskop, J. C., Geiderman, J. M., Iserson, K. V., Marco, C. A., & Derse, A. R. (2016). Law Enforcement and Emergency Medicine: An Ethical Analysis. *Annals of Emergency Medicine*, 68(5), 599–607. <http://doi.org/10.1016/j.annemergmed.2016.02.013> Check with your local Library Service provider.
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- Beck, B., Bray, J. E., Smith, K., Walker, T., Grantham, H., Hein, C., ... Finn, J. (2016). Description of the ambulance services participating in the Aus-ROC Australian and New Zealand out-of-hospital cardiac arrest Epistry. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12690> Check with your local Library Service provider.
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Fordyce, C. B., Henry, T. D., & Granger, C. B. (2016). Implementation of Regional ST-Segment Elevation Myocardial Infarction Systems of Care. *Interventional Cardiology Clinics*, 5(4), 415–425. <http://doi.org/10.1016/j.iccl.2016.06.001>

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Hardeland, C., Sunde, K., Ramsdal, H., Hebert, S. R., Soilammi, L., Westmark, F., ... Koster, R. W. (2016). Factors impacting upon timely and adequate allocation of prehospital medical assistance and resources to cardiac arrest patients. *Resuscitation*, 109, 56–63. <http://doi.org/10.1016/j.resuscitation.2016.09.027>

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Prehospital Research – Methods and Discussion

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Helicopter Emergency Medical Services (HEMS)

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Diagnosis and Triage

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- Cicero, M. X., Whitfill, T., Overly, F., Baird, J., Walsh, B., Yarzebski, J., ... Auerbach, M. (2016). Pediatric Disaster Triage: Multiple Simulation Curriculum Improves Prehospital Care Providers' Assessment Skills. *Prehospital Emergency Care*, 1–8. <http://doi.org/10.1080/10903127.2016.1235239> **Check with your local Library Service provider.**
- Ducas, R. A., Labos, C., Allen, D., Golian, M., Jeyaraman, M., Lys, J., ... Menkis, A. H. (2016). Association of Pre-hospital ECG Administration With Clinical Outcomes in ST-Segment Myocardial Infarction: A Systematic Review and Meta-analysis. *Canadian Journal of Cardiology*. <http://doi.org/10.1016/j.cjca.2016.06.004> **Check with your local Library Service provider.**
- Gilliam, S. (2016). Derivation of Novel Risk Prediction Scores for Community-Acquired Sepsis and Severe Sepsis. *The Journal of Emergency Medicine*, 51(5), 615–616. <http://doi.org/10.1016/j.jemermed.2016.09.036> **Check with your local Library Service provider.**
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- Hernandez, J. M., & Upadhye, S. (2016). Do Peripheral Thermometers Accurately Correlate to Core Body Temperature? *Annals of Emergency Medicine*, 68(5), 562–563. <http://doi.org/10.1016/j.annemergmed.2016.03.030> **Check with your local Library Service provider.**
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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 Service | eMail: library.crh@cht.nhs.uk Link to: Library Website | Membership of Calderdale 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

Matt Holland, Nwas LKS Librarian

(on behalf of the National Ambulance Research Steering Group)

Email: Matt.Holland@nwas.nhs.uk

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.