Welcome to October 2019 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 October Issue

amber – the home of ambulance services research

amber is now available at [https://amber.openrepository.com]. amber contains records of research published by researchers and staff working for NHS ambulance services in England.

You can find out more about amber on the LKS ASE website [https://ambulance.libhguides.com/amber].

If you think your research should be included in amber please contact library@nwas.nhs.uk

We are still adding to amber and hope to have the database complete by May 2020.

NHS OpenAthens

You can register for an NHS OpenAthens account at any time from this link [https://openathens.nice.org.uk]. You will need your work eMail address.
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 @LksAse or go to. This account Tweets the latest relevant research for Paramedic Practice as it’s published from scholarly/academic journals.

Online Bibliography

All this month’s articles included here are available through the Mendeley Group Prehospital Emergency Care Current Awareness Current. Notes access requires a free one off registration. Then 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.

RSS

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

KnowledgeShare your personalised Current Awareness Service

Sign up for your personalised Current Awareness Service from KnowledgeShare. Complete the registration form here.

Feedback to

Matt Holland, LKS ASE 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.
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.

- Papers listed as **NHS OpenAthens** will require you to log in with an **NHS OpenAthens 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:

  ![Login via Athens or your home organisation](https://openathens.nice.org.uk/)

- Where papers are not available either through **Open Access** or with your **NHS OpenAthens** you may be able to get access through your own Library Service or from the [LKS ASE Request an article service](https://openathens.nice.org.uk/), or University Library, 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.

https://ambulance.libguides.com/currentawareness


**Prehospital Research – Methods and Discussion**

To see the full text use the [LKS ASE Request an Article Service](https://www.ase.org.uk/services/request-an-article) or check with your library. For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Alghamdi, A., Cook, E., Carlton, E., Siriwardena, A., Hann, M., Thompson, A., ... Body, R. (2019). Prehospital Evaluation of Sensitive TrOponin (PRESTO) Study: multicentre prospective diagnostic accuracy study protocol. *BMJ Open*, 9(10), e032834. [https://bmjopen.bmj.com/content/9/10/e032834](https://bmjopen.bmj.com/content/9/10/e032834) Open Access

**Helicopter Emergency Medical Services (HEMS) and Air Medical**

To see the full text use the [LKS ASE Request an Article Service](https://www.ase.org.uk/services/request-an-article) or check with your library. For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.


*Prehospital Emergency Services Current Awareness Update – Issue 76, October 2019*


Martín-Rodríguez, F., López-Izquierdo, R., Del Pozo Vegas, C., Delgado Benito, J. F., Carbajosa Rodríguez, V., Diego Rasilla, M. N., ... Castro Villamor, M. A. (2019). Accuracy of National Early Warning Score 2 (NEWS2) in Prehospital Triage on In-Hospital Early Mortality: A Multi-Center Observational Prospective Cohort Study. *Prehospital and Disaster Medicine, 1–9*. [https://doi.org/10.1017/S1049023X19005041](https://doi.org/10.1017/S1049023X19005041)


---

**On-Scene Interventions**

To see the full text use the [LKS ASE Request an Article Service](#) or check with your library. For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.


**Airway Management, Resuscitation & CPR**

To see the full text use the [LKS ASE Request an Article Service](https://www.ase.org/) or check with your library. For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.


### How to contact your Library Service

<table>
<thead>
<tr>
<th>Service</th>
<th>Contact</th>
<th>Services Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>North East Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>North West Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>East Midland Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>Yorkshire Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>South Central Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>South Western Ambulance Service</td>
<td>eMail: <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a>&lt;br&gt;Link to: <a href="http://discoverylibrary.org/SWASFT">http://discoverylibrary.org/SWASFT</a></td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>East of England Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>West Midlands Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>South East Coast Ambulance Service</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Document Supply; Searches; Current Awareness; Guides &amp; Help;</td>
</tr>
<tr>
<td>Isle of Wight</td>
<td>eMail: <a href="mailto:library@iow.nhs.uk">library@iow.nhs.uk</a>&lt;br&gt;Link to: Library Website</td>
<td>Full library membership of the Oliveira Library.</td>
</tr>
<tr>
<td>London Ambulance Service</td>
<td>eMail: <a href="mailto:CARU.Administrator@lond-amb.nhs.uk">CARU.Administrator@lond-amb.nhs.uk</a></td>
<td>Document Supply, Research</td>
</tr>
</tbody>
</table>

**Feedback to**

Matt Holland, LKS ASE 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.