Welcome to January 2020 issue of the Prehospital Emergency Services Current Awareness Update.

Amber – the home of ambulance service research

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

To find out more about Amber go to the LKS ASE website. 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.

Twitter

@LksAse tweets the latest paramedic research as it’s published from leading peer reviewed 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. The previous month’s articles are available from the backfile. This means that information about articles in in past updates is always available.

KnowledgeShare your personalised Current Awareness Service

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

Feedback

Send feedback to Matt Holland, LKS ASE Librarian (on behalf of the National Ambulance Research Steering Group). You can eMail Matt at 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.
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:

To create your own NHS OpenAthens username and password, simply visit: 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, 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
- Further Research Needed

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


Helicopter Emergency Medical Services (HEMS) and Air Medical

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.


Patient Profile

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.


**On-Scene Interventions**

To see the full text use the [LKS ASE Request an Article Service](http://doi.org/10.1186/s12873-020-0302-x) 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 79, January 2020*


**Further Research Needed – studies where further research is called for**

CONCLUSIONS: Pediatric RMA [refusal of medical assistance] is common within our study population, and two thirds involve emergent dispatch. Although outcomes are generally good, refusal documentation is sparse and medical control is seldom contacted. **Multiple opportunities for systems improvement exist.**


CONCLUSIONS: The preference for avoiding unnecessary conveyance for patients with dementia, combined with difficulties in obtaining an accurate patient medical history and assessment, mean that decision-making can be particularly problematic for paramedics. **Further research is needed** to find reliable ways of assessing patients and accessing information to support conveyance decisions for EMS calls to people with dementia.


CONCLUSIONS: This study increased our understanding of deliberate self-harm/suicide attempts in the Leeds Major Trauma Centre. It indicated the high cost of deliberate self-harm/suicide attempts with the majority of patients having high injury severity score, and most surviving. **Further research** into follow-up and preventative support for this group of patients would be beneficial.


CONCLUSIONS: The prevalence of elder abuse reported during the ED visit was lower than reported in the community. The most commonly detected type of elder abuse was neglect, and then physical abuse. The following factors were more common in identified cases of elder abuse: female sex, cognitive impairment, functional disability, frailty, social isolation, and lower socioeconomic status. Psychiatric and substance use disorders were more common among victims and their caregivers. Screening tools have been proposed, but multicenter validation and influence of screening on patient-important outcomes were lacking. Health care professionals reported being poorly trained and acknowledged numerous barriers when caring for potential victims. There is insufficient knowledge, limited training, and a poorly organized system in place for elder abuse in the out-of-hospital and ED settings. Studies on the processes and effects of screening and interventions are required to improve care of this vulnerable population.

### How to contact your Library Service

<table>
<thead>
<tr>
<th>Service</th>
<th>Contact</th>
<th>Services Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Ambulance Services in England except SWAST, IOW and LAS.</td>
<td>eMail: <a href="mailto:Matt.Holland@nwas.nhs.uk">Matt.Holland@nwas.nhs.uk</a>&lt;br&gt;Link to: <a href="http://discoverylibrary.org/SWASFT">Library Website</a></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>Isle of Wight</td>
<td>eMail: <a href="mailto:library@iow.nhs.uk">library@iow.nhs.uk</a>&lt;br&gt;Link to: <a href="http://discoverylibrary.org/SWASFT">Library Website</a></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>