



Welcome to **April 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 April Issue

New Library Service

The new *Library & Knowledge Service for NHS Ambulance Services in England* (LKS ASE) is a partnership between [eight Ambulance Trusts](#) (East Midlands, East of England, North East, North West, South West, South Central, West Midlands and Yorkshire). The Library [website](#) is the portal to library services. The Library offers four key services, Request an Article, Request a Search, Guides and Help and Current Awareness.

Request an article service

Where articles in this issue are not available through Open Access or NHS Open Athens you now have the option of requesting articles through the [Request an Article](#) service if you are a member of a participating Ambulance Services. Other Services have their [own arrangements](#).

For all current awareness services provided by LKS ASE see the [Current Awareness](#) home page.

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>. This 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](#). 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.

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

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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.
- Papers listed as **NHS Open Athens** 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:

Login via Athens or your home organisation

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 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](#)

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/friendly.php?s=currentawareness>

Prehospital Practitioners – Professional Development

- Abelsson, A. et al., 2018. Learning High-Energy Trauma Care Through Simulation. *Clinical Simulation in Nursing*, 17, pp.1–6. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S187613991630189X> [Accessed April 4, 2018]. **Open Access**
- Christopher, S.V.E., 2018. Students' perceptions of a flipped classroom approach to paramedic theory. *British Paramedic Journal*, 2(4), 1-9. Available from: <https://doi.org/10.29045/14784726.2018.03.2.4.1> [Accessed 09 April 2018]. **Check your Library Service or use LKS ASE**
- Dainty, K.N. et al., 2018. Home Visit-Based Community Paramedicine and Its Potential Role in Improving Patient-Centered Primary Care: A Grounded Theory Study and Framework. *Health Services Research*. Available at: <http://doi.org/10.1111/1475-6773.12855> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- David, J.S., Bouzat, P. & Raux, M., 2018. Evolution and organisation of trauma systems. *Anaesthesia Critical Care and Pain Medicine*. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S2352556817303545> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- Donnelly, E.A. et al., 2017. Learning about behavioural emergencies: an evaluation of paramedic textbooks. *International Paramedic Practice*, 7(3), pp.37–41. Available at: <http://www.magonlinelibrary.com/doi/10.12968/ippr.2017.7.3.37> [Accessed January 28, 2018]. **Check your Library Service or use LKS ASE**
- Evrin, T., Kaminska, H. & Wieczorek, W., 2018. Paramedics attitudes toward endotracheal intubation. *The American Journal of Emergency Medicine*. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S0735675718300548> [Accessed March 4, 2018]. **Check your Library Service or use LKS ASE**
- Gunn, A. & Renshaw, J., 2018. *The National Ambulance LGBT Network Conference 2017*, MA Healthcare Ltd. Available at: http://www.paramedicpractice.com/cgi-bin/go.pl/library/article.cgi?uid=108737;article=pp_10_3_98 [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- Harmer, L. & Hignett, S., 2018. Smaller, lighter, faster? Reducing the carbon footprint of ambulances. *Journal of Paramedic Practice*, 10(3), pp.112–117. Available at: http://www.paramedicpractice.com/cgi-bin/go.pl/library/article.cgi?uid=108740;article=pp_10_3_112 [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- Hasler, R.M. et al., 2018. The dead and the dying - A difficult part of EMS transport: A Swiss cross-sectional study C. Lazzeri, ed. *PLoS ONE*, 13(2), p.e0191879. Available at: <http://dx.plos.org/10.1371/journal.pone.0191879> [Accessed April 4, 2018]. **Open Access**
- Hersman, D.A.P. & Whitcomb, E.A., 2018. Fatigue Risk Management in High-Risk Environments: A Call to Action. *Prehospital Emergency Care*, 22(sup1), pp.1–2. Available at: <https://www.tandfonline.com/doi/full/10.1080/10903127.2017.1380097> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**
- Huldin, M. et al., 2018. Perceived exertion using two different EMS stretcher systems, report from a Swedish study. *The American Journal of Emergency Medicine*. Available at: <https://doi.org/10.1016/j.ajem.2018.02.023> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**

- Janka, A. & Duschek, S., 2018. Self-reported stress and psychophysiological reactivity in paramedics. *Anxiety, Stress, & Coping*, pp.1–16. Available at: <https://www.tandfonline.com/doi/full/10.1080/10615806.2018.1454739> [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Jarman, M.P. et al., 2018. Mapping areas with concentrated risk of trauma mortality. *Journal of Trauma and Acute Care Surgery*, p.1. Available at: <http://doi.org/10.1097/TA.0000000000001883> [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Johnson, T. et al., 2018. Intubations in elderly patients have decreased from 1999 through 2014-Results of a multi-center cohort study. *American Journal of Emergency Medicine*. Available at: <https://doi.org/10.1016/j.ajem.2018.02.022> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Kinney, M.O., Hunt, S.J. & McKenna, C., 2018. A self-completed questionnaire study of attitudes and perceptions of paramedic and prehospital practitioners towards acute seizure care in Northern Ireland. *Epilepsy & Behavior*, 81, pp.115–118. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S1525505018300246> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Kao, Y.-H. et al., 2018. Factors associated with emergency services use in Taiwanese advanced cancer patients receiving palliative home care services during out-of-hours periods: A retrospective medical record study. *BMC Palliative Care*, 17(1), p.46. Available at: <https://bmcpalliatcare.biomedcentral.com/articles/10.1186/s12904-018-0302-8> [Accessed April 5, 2018]. **Open Access**
- Lahiry, S. et al., 2018. Economic Evaluation of a Pre-Hospital Protocol for Patients with Suspected Acute Stroke. *Frontiers in Public Health*, 6, p.43. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29552550> [Accessed April 5, 2018]. **Open Access**
- Lau, H.S. et al., 2018. Qualitative Evaluation of the Coach Training within a Community Paramedicine Care Transitions Intervention. *Prehospital Emergency Care*, pp.1–8. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29432041> [Accessed March 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Maguire, B., 2018. Violence against ambulance personnel: a retrospective cohort study of national data from Safe Work Australia. *Public Health Research & Practice*, 28(1). Available at: <http://www.phrp.com.au/?p=37325> [Accessed April 5, 2018]. **Open Access**
- McKelvin, R., 2017. Pre-hospital medicine: South Africa vs. the United Kingdom. *International Paramedic Practice*, 7(3), pp.32–36. Available at: <http://www.magonlinelibrary.com/doi/10.12968/ippr.2017.7.3.32> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Myers, J.B. et al., 2018. What an Evidence-based Guideline for Fatigue Risk Management Means for Us: Statements From Stakeholders. *Prehospital Emergency Care*, 22(sup1), pp.113–118. Available at: <https://www.tandfonline.com/doi/full/10.1080/10903127.2017.1380100> [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Naylor, K. et al., 2018. Self-reported occupational blood exposure among paramedics in Poland; a pilot study. *International Journal of Occupational Safety and Ergonomics*, pp.1–21. Available at: <https://www.tandfonline.com/doi/full/10.1080/10803548.2018.1450717> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**

- Nørregaard, A. et al., 2018. Safe transfer of simulation-based intubation skills to patients in cardiac arrest. *Journal of Paramedic Practice*, 10(3), pp.104–110. Available at: http://www.paramedicpractice.com/cgi-bin/go.pl/library/article.cgi?uid=108739;article=pp_10_3_104 [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Patterson, P.D. & Martin-Gill, C., 2018. Absence and Need for Fatigue Risk Management in Emergency Medical Services. *Prehospital Emergency Care*, 22(sup1), pp.6–8. Available at: <https://www.tandfonline.com/doi/full/10.1080/10903127.2017.1380101> [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Pocock et al. A clinical audit of the electronic data capture of dementia in ambulance service patient records. *BPJ*, 2, (4) 10-18. Available from: <https://doi.org/10.29045/14784726.2018.03.2.4.10> [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Raatinieniemi, L. & Brattebø, G., 2018. The challenge of ambulance missions to patients not in need of emergency medical care. *Acta Anaesthesiologica Scandinavica*. Available at: <http://doi.wiley.com/10.1111/aas.13103> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Ross, E.M. et al., 2018. Stop the Bleed: The Effect of Hemorrhage Control Education on Laypersons' Willingness to Respond During a Traumatic Medical Emergency. *Prehospital and Disaster Medicine*, 33(2), pp.127–132. Available at: https://www.cambridge.org/core/product/identifier/S1049023X18000055/type/journal_article [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Ross, E.M. et al., 2018. The Tourniquet Gap: A Pilot Study of the Intuitive Placement of Three Tourniquet Types by Laypersons. *Journal of Emergency Medicine*, 54(3), pp.307–314. Available at: <https://doi.org/10.1016/j.jemermed.2017.09.011> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**
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- Tran, D.V. & North, C.S., 2018. The Association Between Dissatisfaction with Debriefing and Post-Traumatic Stress Disorder (PTSD) in Rescue and Recovery Workers for the Oklahoma City Bombing. *Disaster Medicine and Public Health Preparedness*, pp.1–5. Available at: https://www.cambridge.org/core/product/identifier/S1935789317001537/type/journal_article [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**
- Villani, M. et al., 2018. Geographical variation of diabetic emergencies attended by prehospital Emergency Medical Services is associated with measures of ethnicity and socioeconomic status. *Scientific Reports*, 8(1), p.5122. Available at: <http://www.nature.com/articles/s41598-018-23457-5> [Accessed April 5, 2018]. **Open Access**
- Yavari-Sartakhti, O. et al., 2018. Is a two-tiered prehospital response system, which engages an emergency physician relevant for less emergent patients? Preliminary data from an observational study with the Paris Fire Brigade. *Anaesthesia Critical Care & Pain Medicine*, 37(1), pp.79–80. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S2352556817300383> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**

Zhang, X. et al., 2018. Naloxone access for Emergency Medical Technicians: An evaluation of a training program in rural communities. *Addictive Behaviors*. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S0306460318301096> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Prehospital Research – Methods and Discussion

Bialy, L. et al., 2017. Pediatric Emergency Research Canada. *Pediatric Emergency Care*, p.1. Available at: <http://doi.org/10.1097/PEC.0000000000001360> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**

Craig, S. et al., 2018. Review article: A primer for clinical researchers in the emergency department: Part 6. Measuring what matters: Core outcome sets in emergency medicine research. *Emergency Medicine Australasia*. Available at: <http://doi.wiley.com/10.1111/1742-6723.12970> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Newgard, C.D. et al., 2018. Out-of-Hospital Research in the Era of Electronic Health Records. *Prehospital Emergency Care*, pp.1–12. Available at: <https://www.tandfonline.com/doi/full/10.1080/10903127.2018.1430875> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**

SAEM Annual Meeting Abstracts. *Academic Emergency Medicine*, 2016, 23, pp.S7–S276. Available at: https://www.cambridge.org/core/product/identifier/S1935789318000071/type/journal_article [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Savelkoel, J. et al., 2018. Global impact of World Sepsis Day on digital awareness of sepsis: An evaluation using Google Trends. *Critical Care*, 22(1), p.61. Available at: <https://ccforum.biomedcentral.com/articles/10.1186/s13054-018-1981-5> [Accessed April 4, 2018]. **Open Access**

Helicopter Emergency Medical Services (HEMS) and Air Medical

DeForest, C.A. et al., 2018. An Evaluation of Navy En Route Care Training Using a High-Fidelity Medical Simulation Scenario of Interfacility Patient Transport. *Military Medicine*. Available at: <https://academic.oup.com/milmed/advance-article/doi/10.1093/milmed/usx129/4934973> [Accessed April 5, 2018]. **Open Access**

Dotson, M.P. et al., 2018. Air Medical Simulation Training: A Retrospective Review of Cost and Effectiveness. *Air Medical Journal*, 37(2), pp.131–137. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S1067991X17302729> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Funder, K.S. et al., 2018. Helicopter vs. ground transportation of patients bound for primary percutaneous coronary intervention. *Acta Anaesthesiologica Scandinavica*, 62(4), pp.568–578. Available at: <http://doi.wiley.com/10.1111/aas.13092> [Accessed April 4, 2018]. **Open Access**

Ketelaars, R. et al., 2018. Prehospital Echocardiography During Resuscitation Impacts Treatment in a Physician-Staffed Helicopter Emergency Medical Service: an Observational Study. *Prehospital Emergency Care*, pp.1–8. Available at: <https://www.tandfonline.com/doi/full/10.1080/10903127.2017.1416208> [Accessed March 4, 2018]. **Check your Library Service or use LKS ASE**

Matthews, B., 2018. Pulse oximetry: SpO₂ and SaO₂. *Journal of Paramedic Practice*, 10(3), pp.126–128. Available at: http://www.paramedicpractice.com/cgi-bin/go.pl/library/article.cgi?uid=108742;article=pp_10_3_126 [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**

- Nolan, B. et al., 2018. Canceled to Be Called Back: A Retrospective Cohort Study of Canceled Helicopter Emergency Medical Service Scene Calls That Are Later Transferred to a Trauma Center. *Air Medical Journal*, 37(2), pp.108–114. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S1067991X17303152> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**
- Phipps, M., Conley, V. & Constantine, W.H., 2018. Exploration of a Preflight Acuity Scale for Fixed Wing Air Ambulance Transport. *Air Medical Journal*, 37(2), pp.99–103. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29478587> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- Snow, R.W. et al., 2018. Benefit of Critical Care Flight Paramedic-Trained Search and Rescue Corpsmen in Treatment of Severely Injured Aviators. *Journal of special operations medicine : a peer reviewed journal for SOF medical professionals*, 18(1), pp.19–22. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29533427> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**
- Staple, L. et al., 2018. Paramedic Learning Style Preferences and Continuing Medical Education Activities: A Cross-Sectional Survey Study. *Journal of allied health*, 47(1), pp.51–57. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29504020> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- Ward, P. & Gryniuk, J., 2018. The Role of the Paramedic in Transport Medicine and Crew Resource Management. *Air Medical Journal*, 37(2), pp.96–98. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29478586> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**

Diagnosis and Triage

- Bache, K.G. et al., 2018. Prehospital Advanced Diagnostics and Treatment of Acute Stroke: Protocol for a Controlled Intervention Study. *JMIR Research Protocols*, 7(2), p.e53. Available at: <http://www.researchprotocols.org/2018/2/e53/> [Accessed April 4, 2018]. **Open Access**
- Cairo, S.B. et al., 2018. Prehospital education in triage for pediatric and pregnant patients in a regional trauma system without collocated pediatric and adult trauma centers. *Journal of Pediatric Surgery*. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29519567> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**
- Chang, B.L. et al., 2018. Variations in Cardiac Arrest Regionalization in California. *Western Journal of Emergency Medicine*, 19(2), pp.8–10. Available at: <https://escholarship.org/uc/item/6t0549pv> [Accessed April 5, 2018]. **Open Access**
- Haniffa, R., Beane, A. & Dondorp, A.M., 2018. Decision-making in the detection and management of patients with sepsis in resource-limited settings : the importance of clinical examination. *Critical care (London, England)*, 22(1), pp.1–2. Available at: <https://ccforum.biomedcentral.com/articles/10.1186/s13054-018-1971-7> [Accessed April 4, 2018]. **Open Access**
- Kneihsl, M. et al., 2018. Stroke Referrals from Nursing Homes: High Rate of Mimics and Late Presentation. *Cerebrovascular Diseases*, pp.109–114. Available at: <https://www.karger.com/Article/FullText/487813> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**
- Miyamoto, K. et al., 2018. Prehospital quick sequential organ failure assessment as a tool to predict in-hospital mortality. *The American Journal of Emergency Medicine*. Available at:

<https://doi.org/10.1016/j.ajem.2018.02.009> [Accessed March 4, 2018]. **Check your Library Service or use LKS ASE**

Mould-Millman, N.-K. et al., 2018. Accuracy of Prehospital Identification of Stroke in a Large Stroke Belt Municipality. *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*, pp.1–9. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29596006> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Pellerin, G., Gao, K. & Kaminsky, L., 2018. Predicting 72-hour emergency department revisits. *The American Journal of Emergency Medicine*, 36(3), pp.420–424. Available at: <https://doi.org/10.1016/j.ajem.2017.08.049> [Accessed April 4, 2018]. **Check your Library Service or use LKS ASE**

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St. John, A. et al., 2018. Prehospital Lactate Predicts Need for Resuscitative Care in Non-hypotensive Trauma Patients. *Western Journal of Emergency Medicine*, 19(2), pp.224–231. Available at: <https://escholarship.org/uc/item/30k6r6pz> [Accessed April 5, 2018]. **Open Access**

Smit, B. et al., 2018. Hemodynamic effects of acute hyperoxia: systematic review and meta-analysis. *Critical Care*, 22(1), p.45. Available at: <https://ccforum.biomedcentral.com/articles/10.1186/s13054-018-1968-2> [Accessed April 4, 2018]. **Open Access**

Swan, K.L., Avard, B.J. & Keene, T., 2018. The relationship between elevated prehospital point-of-care lactate measurements, intensive care unit admission, and mortality: A retrospective review of adult patients. *Australian Critical Care*. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29602691> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

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Williams, T. et al., 2018. Prehospital vital signs to predict 7-day mortality for patients transported to ED by emergency ambulance services: A cohort study. *Australian Critical Care*, 31(2), p.119. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S1036731417304277> [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Yavari-Sartakhti, O. et al., 2018. A New Triage Support Tool in Case of Explosion. *Prehospital and Disaster Medicine*, 33(2), pp.1–2. Available at: https://www.cambridge.org/core/product/identifier/S1049023X18000171/type/journal_article [Accessed April 5, 2018]. **Check your Library Service or use LKS ASE**

Prehospital Emergency Services Current Awareness Update – Issue 58, April 2018

Young, A.M.H. et al., 2018. Pre-hospital Predictors of Impaired ICP Trends in Continuous Monitoring of Paediatric Traumatic Brain Injury Patients. In *Acta Neurochirurgica, Supplementum*. pp. 7–10. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29492522> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**

Zhao, H. et al., 2018. Ambulance Clinical Triage for Acute Stroke Treatment. *Stroke*, 49(4), pp.945–951. Available at: <http://stroke.ahajournals.org/lookup/doi/10.1161/STROKEAHA.117.019307> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**

Patient Profile

Older People

Andreasen, J. et al., 2018. Associations and predictions of readmission or death in acutely admitted older medical patients using self-reported frailty and functional measures. A Danish cohort study. *Archives of Gerontology and Geriatrics*, 76, pp.65–72. Available at: <http://linkinghub.elsevier.com/retrieve/pii/S0167494318300116> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**

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Namboodri, B.L. et al., 2018. Elder Abuse Identification in the Prehospital Setting: An Examination of State Emergency Medical Services Protocols. *Journal of the American Geriatrics Society*. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/29566428> [Accessed April 5, 2018]. **Check your Library Service or use [LKS ASE](#)**

Nowak, K. et al., 2018. Emergency services response to elder abuse and neglect – Then and now. *The American Journal of Emergency Medicine*. Available at: <https://doi.org/10.1016/j.ajem.2018.02.036> [Accessed April 4, 2018]. **Check your Library Service or use [LKS ASE](#)**

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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.