

1.1.1.1 Prehospital Emergency Services

Current Awareness Update

Issue 39, August 2016



Welcome to **August 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 August edition

Consultation on Library Services for Ambulance Services in England – Request for Comment.

'PESCAU is a great example of 'do once and share' – a bulletin produced by NWS's librarian and distributed to all ambulance Trusts across England.

Central procurement of electronic databases and journals is another instance of 'do once and share': Health Education England (HEE) funds a core collection of resources which everyone in the NHS can access via OpenAthens.

Unfortunately the core content collection includes few paramedic/pre-hospital care journals. Whilst some ambulance services provide staff with access to a much enhanced range of specialist online content and tailored library services, this is currently not the case for all.

The national ambulance Trusts' education leads group has invited HEE to think about affordable ways to improve the equity of access to library services and e-resources - not at all easy in the current financial climate, yet somehow never more important to equip the ambulance workforce with the right knowledge at the right time for education, innovation, research and management decision-making.

More 'do once and share'? More Librarians? Some clever combination? If you have any thoughts or ideas on library support for ambulance Trusts, it would be good to hear from you: lsag@libraryservices.nhs.uk

Helen Bingham, Knowledge Services & TEL, Health Education England, September 2016.

New Resources

E-Learning for Health (ELfH) hosted by HEE

ELfH is now Open Athens Authenticated. Provided through NHS England ELfH provides access to online courses developed with Royal Medical Colleges. Login with your Open Athens account, complete a registration form on first login. Your Open Athens account will take you straight in thereafter. The link is here [<http://support.elfh.org.uk/get-started/openathens/>] or contact your library service if you have access to one.

Evidence for Everyday Allied Health from Cochrane

Evidence for Everyday Allied Health is a new resource for Allied Health Professionals from Cochrane. See this link for more information [<http://uk.cochrane.org/news/evidence-everyday-allied-health>].

DataSearch from Elsevier

DataSearch is a search engine, looking for data in published research articles. Created by Elsevier it is still in Beta. The interface is well developed and its coverage is good in Medicine and Emergency Medicine. If you are looking for data rich sources or preparing for research, this could be worth a look [<https://datasearch.elsevier.com>].

Matt Holland, September 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

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.

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:

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 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

Prehospital Practitioners – Roles, Professional Practice and Development

- Abrashkin, K. A., Washko, J., Zhang, J., Poku, A., Kim, H., & Smith, K. L. (2016). Providing Acute Care at Home: Community Paramedics Enhance an Advanced Illness Management Program-Preliminary Data. *Journal of the American Geriatrics Society*. <http://doi.org/10.1111/jgs.14484> **Check with your local Library Service provider.**
- Ahlenius, M., Lindström, V., & Vicente, V. (2016). Patients' experience of being badly treated in the ambulance service: A qualitative study of deviation reports in Sweden. *International Emergency Nursing*, 0(0), 11–19. <http://doi.org/10.1016/j.ienj.2016.07.004> **Check with your local Library Service provider.**
- Bishop-Edwards, L., O' Cathain, A., & Knowles, E. (2016). SUCCESSES AND CHALLENGES IN COMMISSIONING FOR AMBULANCE NON-CONVEYANCE: THE COMMISSIONER PERSPECTIVE. *Emergency Medicine Journal*, 33(9), e4.5–e5. <http://doi.org/10.1136/emered-2016-206139.17> **NHS Open Athens@**
- Brydges, M., Denton, M., & Agarwal, G. (2016). The CHAP-EMS health promotion program: a qualitative study on participants' views of the role of paramedics. *BMC Health Services Research*, 16(1), 435. <http://doi.org/10.1186/s12913-016-1687-9> **Open Access@**
- Colver, K., Fitzpatrick, D., Cooper, M., & Ward, J. (2016). PARAMEDIC PRACTITIONER: A SURVEY OF SCOPE OF PRACTICE AND DEVELOPMENT REQUIREMENTS. *Emergency Medicine Journal*, 33(9), e10.2–e10. <http://doi.org/10.1136/emered-2016-206139.33> **NHS Open Athens@**
- Coxon, A., Cropley, M., Schofield, P., Start, K., Horsfield, C., & Quinn, T. (2016). “You're never making just one decision”: Exploring the lived experiences of ambulance emergency operations centre personnel. *Emergency Medicine Journal*, 33(9), 645–651. <http://doi.org/10.1136/emered-2015-204841> **NHS Open Athens@**
- Deniz, T., Saygun, M., Eroğlu, O., Ülger, H., & Azapoğlu, B. (2016). Effect of exposure to violence on the development of burnout syndrome in ambulance staff. *Turkish Journal of Medical Sciences*, 46(2), 296–302. <http://doi.org/10.3906/sag-1406-53> **Open Access@**
- Durham, M. (2016). A CROSS-SECTIONAL SURVEY EVALUATING FACTORS AFFECTING ACCURACY AND SELF-PERCEIVED CONFIDENCE OF PARAMEDICS WHEN APPLYING THE MAJOR TRAUMA DECISION TREE. *Emergency Medicine Journal*, 33(9), e4.3–e4. <http://doi.org/10.1136/emered-2016-206139.15> **NHS Open Athens@**
- Hancock, J., Matthews, J., Ukoumunne, O. C., Lang, I., Somerfield, D., Wenman, J., & Dickens, C. (2016). Variation in ambulance call rates for care homes in Torbay, UK. *Health & Social Care in the Community*. <http://doi.org/10.1111/hsc.12381> **Check with your local Library Service provider.**
- Hardy, S. E. J., Fattah, S., & Rehn, M. (2016). In response to “Top 10 lessons from the Glasgow major incidents.” *Emergency Medicine Journal*, 33(9), 674.2–674. <http://doi.org/10.1136/emered-2016-206004> **NHS Open Athens@**
- Iskrzycki, L., Puchalski, M., Leskiewicz, M., Raczynski, A., Smereka, J., & Szarpak, L. (2016). Paramedic students' knowledge and attitudes regarding automated external defibrillators. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.06.069> **Check with your local Library Service provider.**

- Jimmieson, N. L., Tucker, M. K., & Walsh, A. J. (2016). Interaction effects among multiple job demands: An examination of healthcare workers across different contexts. *Anxiety, Stress, & Coping*, 1–31. <http://doi.org/10.1080/10615806.2016.1229471> Check with your local Library Service provider.
- Kragh, J. F., & Dubick, M. A. (2016). Skill decay or maintenance between tourniquet uses among first aid caregivers: Exploration in a manikin model. *The American Journal of Emergency Medicine*, 34(9), 1897–1899. <http://doi.org/10.1016/j.ajem.2016.06.087> Check with your local Library Service provider.
- LaGrone, L., Riggle, K., Joshipura, M., Quansah, R., Reynolds, T., Sherr, K., & Mock, C. (2016). Uptake of the World Health Organization's trauma care guidelines: a systematic review. *Bulletin of the World Health Organization*, 94(8), 585–598C. <http://doi.org/10.2471/BLT.15.162214> Open Access@
- Manley, K., Martin, A., Jackson, C., & Wright, T. (2016). Using systems thinking to identify workforce enablers for a whole systems approach to urgent and emergency care delivery: a multiple case study. *BMC Health Services Research*, 16(1), 368. <http://doi.org/10.1186/s12913-016-1616-y> Open Access@
- Morgan, C., & Thayre, S. (2016). FREQUENT CALLER MANAGEMENT SWASFT. *Emergency Medicine Journal*, 33(9), e3.2–e3. <http://doi.org/10.1136/emermed-2016-206139.12> NHS Open Athens@
- Murphy-Jones, B., & Shaw, J. (2016). LEVEL OF SEPSIS KNOWLEDGE IN UK AMBULANCE SERVICES. *Emergency Medicine Journal*, 33(9), e10.3–e11. <http://doi.org/10.1136/emermed-2016-206139.34> NHS Open Athens@
- Pirneskoski, J., Peräjoki, K., Nuutila, M., Kuisma, M., Gunnarsson, B., Smáráson, A., ... Mazar, M. (2016). Urgent EMS managed out-of-hospital delivery dispatches in Helsinki. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 24(1), 94. <http://doi.org/10.1186/s13049-016-0285-5> Open Access@
- Reingle Gonzalez, J. M., Cannell, M. B., Jetelina, K. K., Radpour, S., Lachs, M., Williams, C., ... Rubin, I. (2016). Barriers in detecting elder abuse among emergency medical technicians. *BMC Emergency Medicine*, 16(1), 36. <http://doi.org/10.1186/s12873-016-0100-7> Open Access@
- Spaite, D. W., Conroy, C., Karriker, K. J., Seng, M., & Battaglia, N. (2001). Improving emergency medical services for children with special health care needs: does training make a difference? *The American Journal of Emergency Medicine*, 19(6), 474–8. <http://doi.org/10.1053/ajem.2001.27146> Check with your local Library Service provider.
- Van Dillen, C. M., Tice, M. R., Patel, A. D., Meurer, D. A., Tyndall, J. A., Elie, M. C., & Shuster, J. J. (2016). Trauma Simulation Training Increases Confidence Levels in Prehospital Personnel Performing Life-Saving Interventions in Trauma Patients. *Emergency Medicine International*, 2016, 5437490. <http://doi.org/10.1155/2016/5437490> Open Access@
- Zipfel, R., & McIlwaine, S. (2016). JOINT RESPONSE UNIT: IMPROVING PATIENT CARE AND SAFETY THROUGH COLLABORATIVE WORKING BETWEEN AMBULANCE AND POLICE SERVICES. *Emergency Medicine Journal*, 33(9), e3.1–e3. <http://doi.org/10.1136/emermed-2016-206139.11> NHS Open Athens@

Prehospital Research – Methods and Discussion

- Evans, B. A., Porter, A. M., Snooks, H. A., & Burholt, V. (2016). DEVELOPING A MODEL TO ENHANCE PATIENT INVOLVEMENT IN DESIGNING AND CONDUCTING RESEARCH: VIEWS OF PATIENTS, ACADEMICS AND HEALTH SERVICE STAFF. *Emergency Medicine Journal*, 33(9), e6.2–e6. <http://doi.org/10.1136/emermed-2016-206139.22> NHS Open Athens@

- Evans, B. A., Porter, A. M., Snooks, H. A., & Burholt, V. (2016). MEASURING IMPACT OF INVOLVEMENT IN RESEARCH – WHAT SERVICE USERS THINK. *Emergency Medicine Journal*, 33(9), e6.1–e6. <http://doi.org/10.1136/emered-2016-206139.21> NHS Open Athens@
- Gardett, I., Clawson, J., Scott, G., Barron, T., Patterson, B., & Olola, C. (2016). PAST, PRESENT, AND FUTURE OF EMERGENCY DISPATCH RESEARCH: A SYSTEMATIC LITERATURE REVIEW. *Emergency Medicine Journal*, 33(9), e4.1–e4. <http://doi.org/10.1136/emered-2016-206139.13> NHS Open Athens@
- Hirst, E., Irving, A., & Goodacre, S. (2016). Patient and public involvement in emergency care research: Table 1. *Emergency Medicine Journal*, 33(9), 665–670. <http://doi.org/10.1136/emered-2016-205700> NHS Open Athens@
- Kanzaria, H. K., Booker-Vaughns, J., Itakura, K., Yadav, K., Kane, B., Gayer, C., ... Carpenter, C. R. (2016). Dissemination and Implementation of Shared Decision-Making into Clinical Practice: A Research Agenda. *Academic Emergency Medicine*. <http://doi.org/10.1111/acem.13075> Check with your local Library Service provider.
- Kirby, K., Voss, S., Thomas, M., Elder, G., Nolan, J., & Bengler, J. (2016). POST ROSC OXYGENATION STUDY. *Emergency Medicine Journal*, 33(9), 677.1–677. <http://doi.org/10.1136/emered-2016-206139.1> NHS Open Athens@
- Lally, J., McClelland, G., Exley, C., Ford, G., & Price, C. (2016). STAKEHOLDER ENGAGEMENT IN THE DESIGN OF A NOVEL PRE-HOSPITAL ACUTE STROKE ASSESSMENT. *Emergency Medicine Journal*, 33(9), e9.3–e10. <http://doi.org/10.1136/emered-2016-206139.31> NHS Open Athens@
- O'Hara, R., Johnson, M., Hirst, E., Weyman, A., Shaw, D., Mortimer, P., ... Siriwardena, A. N. (2016). PERCEIVED AREAS FOR FUTURE INTERVENTION AND RESEARCH ADDRESSING CONVEYANCE DECISIONS AND POTENTIAL THREATS TO PATIENT SAFETY: STAKEHOLDER WORKSHOPS. *Emergency Medicine Journal*, 33(9), e7.3–e8. <http://doi.org/10.1136/emered-2016-206139.25> NHS Open Athens@
- Pilbery, R., Green, J., Hall, H., & Whitley, G. (2016). ADDRESSING THE CHALLENGES OF PARAMEDIC RECRUITMENT AND ENGAGEMENT IN AIRWAYS-2. *Emergency Medicine Journal*, 33(9), e12.1–e12. <http://doi.org/10.1136/emered-2016-206139.38> NHS Open Athens@
- Robinson, M., Taylor, J., Voss, S., Rogers, C., Brett, S., & Bengler, J. (2016). OVERCOMING CHALLENGES OF SETTING-UP A LARGE AND COMPLEX PRE-HOSPITAL TRIAL: AIRWAYS-2. *Emergency Medicine Journal*, 33(9), 677.3–678. <http://doi.org/10.1136/emered-2016-206139.3> NHS Open Athens@
- Shaw, L., Ford, G. A., Exley, C., Flynn, D., McMeekin, P., Rodgers, H., ... Price, C. (2016). PARAMEDIC ACUTE STROKE TREATMENT ASSESSMENT (PASTA) TRIAL. *Emergency Medicine Journal*, 33(9), e10.1–e10. <http://doi.org/10.1136/emered-2016-206139.32> NHS Open Athens@
- Tavender, E. J., Bosch, M., Fiander, M., Knott, J. C., Gruen, R. L., & O'Connor, D. (2016). Implementation research in emergency medicine: a systematic scoping review. *Emergency Medicine Journal*, 33(9), 652–659. <http://doi.org/10.1136/emered-2015-205053> NHS Open Athens@
- Togher, F., Siriwardena, A. N., & Windle, K. (2016). REFINING QUESTIONNAIRE ITEMS IN A PATIENT REPORTED EXPERIENCE MEASURE (PREM) DESIGNED FOR USERS OF NHS AMBULANCE SERVICES: QUESTION APPRAISAL STUDY. *Emergency Medicine Journal*, 33(9), e5.3–e6. <http://doi.org/10.1136/emered-2016-206139.20> NHS Open Athens@
- Whiddett, D., Hunter, I., McDonald, B., Norris, T., & Waldon, J. (2016). Consent and widespread access to personal health information for the delivery of care: a large scale telephone survey of consumers' *Prehospital Emergency Services Current Awareness Update – Issue 39, August 2016*

attitudes using vignettes in New Zealand. *BMJ Open*, 6(8), e011640.

<http://doi.org/10.1136/bmjopen-2016-011640> **Open Access@**

Diagnosis and Triage

- Biteker, F. S., Doğan, V., Başaran, Ö., & Biteker, M. (2016). Predictors of mortality in severe sepsis. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.06.092> **Check with your local Library Service provider.**
- Claret, P.-G., Stiell, I. G., Yan, J. W., Clement, C. M., Rowe, B. H., Calder, L. A., & Perry, J. J. (2016). Characteristics and outcomes for acute heart failure in elderly patients presenting to the ED. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.08.015> **Check with your local Library Service provider.**
- Claret, P.-G., Stiell, I. G., Yan, J. W., Clement, C. M., Rowe, B. H., Calder, L. A., & Perry, J. J. (2016). Characteristics and outcomes for acute heart failure in elderly patients presenting to the ED. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.08.015> **Check with your local Library Service provider.**
- Clark, S., Porter, A., Halter, M., Damiani, M., Dorning, H., & McTigue, M. (2016). DATA LINKAGE ACROSS AMBULANCE SERVICES AND ACUTE TRUSTS: ASSESSING THE POTENTIAL FOR IMPROVING PATIENT CARE. *Emergency Medicine Journal*, 33(9), e12.2–e12. <http://doi.org/10.1136/emered-2016-206139.39> **NHS Open Athens@**
- Jones, J. P., Kuttler, K. G., Keddington, R. K., Allen, T. L., Brown, S. M., & Haug, P. J. (2012). Derivation and validation of a probabilistic model deployed in the emergency department to identify patients with severe sepsis or septic shock. *American Journal of Respiratory and Critical Care Medicine*, 185(1), 31. <http://doi.org/10.1186/s12873-016-0095-0> **Check with your local Library Service provider.**
- Kievan, D. R., Martin-Gill, C., Kahn, J. M., Callaway, C. W., Yealy, D. M., Angus, D. C., & Seymour, C. W. (2016). External validation of a prehospital risk score for critical illness. *Critical Care*, 20(1), 255. <http://doi.org/10.1186/s13054-016-1408-0> **Open Access@**
- Leeies, M., Ffrench, C., Strome, T., Weldon, E., Bullard, M., & Grierson, R. (2016). Prehospital Application of the Canadian Triage and Acuity Scale by Emergency Medical Services. *CJEM*, 1–6. <http://doi.org/10.1017/cem.2016.345> **Open Access@**
- Levy, B., Spelke, B., Paulozzi, L. J., Bell, J. M., Nolte, K. B., Lathrop, S., ... Landen, M. (2016). Recognition and response to opioid overdose deaths—New Mexico, 2012. *Drug and Alcohol Dependence*, 0(0), 149–154. <http://doi.org/10.1016/j.drugalcdep.2016.07.011> **Check with your local Library Service provider.**
- Lewis, C. T., Naumann, D. N., Midwinter, M. J., & Crombie, N. (2016). UTILITY OF PRE-HOSPITAL LACTATE MEASUREMENT FOR TRAUMA PATIENTS: A SYSTEMATIC REVIEW. *Emergency Medicine Journal*, 33(9), e14–e14. <http://doi.org/10.1136/emered-2016-206139.43> **NHS Open Athens@**
- Liddy, C., Drosinis, P., & Keely, E. (2016). Electronic consultation systems: worldwide prevalence and their impact on patient care- a systematic review. *Family Practice*, 33(3), cmw024–. <http://doi.org/10.1093/fampra/cmw024> **Check with your local Library Service provider.**
- Matthaeus-Kraemer, C. T., Thomas-Rueddel, D. O., Schwarzkopf, D., Rueddel, H., Poidinger, B., Reinhart, K., & Bloos, F. (2016). Crossing the handover chasm: Clinicians' perceptions of barriers to the early detection and timely management of severe sepsis and septic shock. *Journal of Critical Care*, 36, 85–91. <http://doi.org/10.1016/j.jcrc.2016.06.034> **Open Access@**

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- Munro, S., Rodbard, S., Ali, K., Horsfield, C., Knibb, W., Holah, J., ... Quinn, T. (2016). A pilot study evaluating the use of ABCD2 score in pre-hospital assessment of patients with suspected transient ischaemic attack: experience and lessons learned. *Experimental & Translational Stroke Medicine*, 8(1), 6. <http://doi.org/10.1186/s13231-016-0020-3> **Open Access@**
- Ogden, K. (2016). THE USE OF THE PAEDIATRIC ASSESSMENT TRIANGLE IN THE MANAGEMENT OF THE SICK CHILD. *Emergency Medicine Journal*, 33(9), e4.4–e4. <http://doi.org/10.1136/emermed-2016-206139.16> **NHS Open Athens@**
- Prothero, L. S., & Cooke, P. (2016). MENTAL HEALTH CRISIS IN THE PRE-HOSPITAL SETTING. *Emergency Medicine Journal*, 33(9), e8.3–e9. <http://doi.org/10.1136/emermed-2016-206139.28> **NHS Open Athens@**
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- Rees, N., Bulger, J., Dewar, R., Edwards, A., Evans, B., Moore, C., ... Quinn, T. (2016). TRANSIENT ISCHAEMIC ATTACK 999 EMERGENCY REFERRAL (TIER): FEASIBILITY TRIAL. *Emergency Medicine Journal*, 33(9), e13.1–e13. <http://doi.org/10.1136/emermed-2016-206139.41> **NHS Open Athens@**
- Rizoli, S., Petersen, A., Bulger, E., Coimbra, R., Kerby, J. D., Minei, J., ... de Oliveira Manoel, A. L. (2016). Early prediction of outcome after severe traumatic brain injury: a simple and practical model. *BMC Emergency Medicine*, 16(1), 32. <http://doi.org/10.1186/s12873-016-0098-x> **Open Access@**
- Seymour, C. W., Rea, T. D., Kahn, J. M., Walkey, A. J., Yealy, D. M., & Angus, D. C. (2012). Severe sepsis in pre-hospital emergency care: Analysis of incidence, care, and outcome. *American Journal of Respiratory and Critical Care Medicine*, 186(12), 1264–1271. <http://doi.org/10.1164/rccm.201204-0713OC> **Open Access@**
- Singh, J. M., Gunz, A. C., Dhanani, S., Aghari, M., & MacDonald, R. D. (2016). Frequency, Composition, and Predictors of In-Transit Critical Events During Pediatric Critical Care Transport. *Pediatric Critical Care Medicine*, 1. <http://doi.org/10.1097/PCC.0000000000000919> **Check with your local Library Service provider.**
- Smyth, M. A., Brace-McDonnell, S. J., & Perkins, G. D. (2016). Identification of adults with sepsis in the prehospital environment: a systematic review. *BMJ Open*, 6(8), e011218. <http://doi.org/10.1136/bmjopen-2016-011218> **Open Access@**
- Thompson, L., Hill, M., Davies, C., & Shaw, G. (2016). IDENTIFYING PRE-HOSPITAL FACTORS WHICH INFLUENCE OUTCOME FOR MAJOR TRAUMA PATIENTS IN A REGIONAL TRAUMA NETWORK: AN EXPLORATORY STUDY. *Emergency Medicine Journal*, 33(9), e5.1–e5. <http://doi.org/10.1136/emermed-2016-206139.18> **NHS Open Athens@**
- Vincent, J. J.-L., Quinteiros e Silva, A., Couto, L., Taccone, F. S., Broder, G., Weil, M., ... Ospina-Tascon, G. (2016). The value of blood lactate kinetics in critically ill patients: a systematic review. *Critical Care*, 20(1), 257. <http://doi.org/10.1186/s13054-016-1403-5> **Open Access@**
- Voss, S., Bengler, J., Black, S., Brandling, J., Buswell, M., Cheston, R., ... Purdy, S. (2016). HOME OR HOSPITAL FOR PEOPLE WITH DEMENTIA AND ONE OR MORE OTHER MULTIMORBIDITIES: WHAT IS *Prehospital Emergency Services Current Awareness Update – Issue 39, August 2016*

THE POTENTIAL TO REDUCE AVOIDABLE EMERGENCY ADMISSIONS? *Emergency Medicine Journal*, 33(9), e2.1–e2. <http://doi.org/10.1136/emermed-2016-206139.8> NHS Open Athens@

Whitaker, I., Olola, C., Toxopeus, C., Scott, G., Clawson, J., Schultz, B., ... Patterson, B. (2016). EMERGENCY MEDICAL DISPATCHERS' ABILITY TO DETERMINE OBVIOUS OR EXPECTED DEATH OUTCOMES USING A MEDICAL PRIORITY DISPATCH PROTOCOL. *Emergency Medicine Journal*, 33(9), e4.2–e4. <http://doi.org/10.1136/emermed-2016-206139.14> NHS Open Athens@

Patient Profile

Benamer, H., Bataille, S., Tafflet, M., Jabre, P., Dupas, F., Laborne, F. X., ... Lambert, Y. (2016). Longer pre-hospital delays and higher mortality in women with STEMI: the e-MUST Registry. *EuroIntervention : Journal of EuroPCR in Collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology*, 12(5), e542–9. <http://doi.org/10.4244/EIJV12I5A93> Open Access@

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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.