



Welcome to **September 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

### Two new ways to find current research

First some background on how PESCAU is created. Articles are collected using two web based tools, Sparrho and Feedly. [Sparrho](#) is a recommender based system that searches for articles based on chosen keywords. Sparrho, casts a wide net picking up relevant articles in journals outside the core prehospital and emergency care titles. [Feedly](#), harvests the electronic Tables of Contents of journals via RSS feeds together with RSS alerts from other web based sources.

All relevant articles are tweeted to [@NWSLibrary](#) and compiled monthly into a [Mendeley](#) Group. If you are already following [@NWSLibrary](#) or link to Mendeley then you can be sure to keep up with current prehospital research. These channels may not suit everyone. Now you have the choice of two more resources, if you want use them.

- 1) The Sparrho pinboard for [Paramedic Practice](#). This is updated daily and it's easy to click through and see the latest research. There is another pinboard on a related topic of [Older People in Prehospital Care](#) as well.
- 2) Feedly page with the RSS feeds for the major journals in prehospital and emergency care. See the page [here](#).

Matt Holland, October 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](http://www.networks.nhs.uk/nhs-networks/nwas-library-and-information-service/esca)

- Amblum-Almer, J. (2016). Critical evaluation of advance statements from patients lacking mental capacity. *Journal of Paramedic Practice*, 8(9), 463–469. <http://doi.org/10.12968/jpar.2016.8.9.463> **Check with your local Library Service provider.**
- Ball, S. J., Williams, T. A., Smith, K., Cameron, P., Fatovich, D., O’Halloran, K. L., ... Finn, J. (2016). Association between ambulance dispatch priority and patient condition. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12656> **Check with your local Library Service provider.**
- Bieler, D., Franke, A., Lefering, R., Hentsch, S., Willms, A., Kulla, M., & Kollig, E. (2016). Does the presence of an emergency physician influence pre-hospital time, pre-hospital interventions and the mortality of severely injured patients? A matched-pair analysis based on the trauma registry of the German Trauma Society (TraumaRegister DGU®). *Injury*. <http://doi.org/10.1016/j.injury.2016.08.015> **Check with your local Library Service provider.**
- Bohström, D., Carlström, E., & Sjöström, N. (2016). Managing stress in prehospital care: Strategies used by ambulance nurses. *International Emergency Nursing*. <http://doi.org/10.1016/j.ienj.2016.08.004> **Check with your local Library Service provider.**
- Borland, M., Skarin, D., & Nagree, Y. (2016). Comparison of methods used to quantify general practice-type patients in the emergency department: A tertiary paediatric perspective. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12683> **Check with your local Library Service provider.**
- Brown, H. A., Douglass, K. A., Ejas, S., & Poovathumparambil, V. (2016). Development and Implementation of a Novel Prehospital Care System in the State of Kerala, India. *Prehospital and Disaster Medicine*, 1–4. <http://doi.org/10.1017/S1049023X16000960> **Check with your local Library Service provider.**
- 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@**
- Candefjord, S., Buendia, R., Caragounis, E.-C., Sjöqvist, B. A., & Fagerlind, H. (2016). Prehospital transportation decisions for patients sustaining major trauma in road traffic crashes in Sweden. *Traffic Injury Prevention*, 17 Suppl 1, 16–20. <http://doi.org/10.1080/15389588.2016.1198872> **Check with your local Library Service provider.**
- Chassee, T., Reischmann, D., Mancera, M., & Hoyle, J. D. (2016). Emergency Medical Dispatchers Can Obtain Accurate Pediatric Weights from 9-1-1 Callers. *Prehospital Emergency Care*, 1–7. <http://doi.org/10.3109/10903127.2016.1168892> **Check with your local Library Service provider.**
- Cram, N., Mcleod, S., Lewell, M., & Davis, M. (2016). A prospective evaluation of the availability and utility of the Ambulance Call Record in the emergency department. *CJEM*, 1–7. <http://doi.org/10.1017/cem.2016.362> **Check with your local Library Service provider.**
- Deakin, A., & Howes, M. (2016). “It’s all about me!”: Was that the patient speaking? *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12676> **Check with your local Library Service provider.**
- Enumah, S., Scott, J. W., Maine, R., Uwitonze, E., D’Arc Nyinawankusi, J., Riviello, R., ... Jayaraman, S. (2016). Rwanda’s Model Prehospital Emergency Care Service: A Two-year Review of Patient Demographics and Injury Patterns in Kigali. *Prehospital and Disaster Medicine*, 1–7. <http://doi.org/10.1017/S1049023X16000807> **Check with your local Library Service provider.**
- Farrell, S. E., Hopson, L. R., Wolff, M., Hemphill, R. R., & Santen, S. A. (2016). What’s the Evidence: A Review of the One-Minute Preceptor Model of Clinical Teaching and Implications for Teaching in the

- Emergency Department. *The Journal of Emergency Medicine*, 51(3), 278–283.  
<http://doi.org/10.1016/j.jemermed.2016.05.007> Check with your local Library Service provider.
- Fraess-Phillips, A. J. (2016). Can paramedics safely refuse transport of non-urgent patients? *Prehospital and Disaster Medicine*, 31(6), 1–8. <http://doi.org/10.1017/S1049023X16000935> Check with your local Library Service provider.
- Gale, J., Coburn, A., Pearson, K., Croll, Z., & Shaler, G. (2016). Developing Program Performance Measures for Rural Emergency Medical Services. *Prehospital Emergency Care*, 1–9.  
<http://doi.org/10.1080/10903127.2016.1218978> Check with your local Library Service provider.
- Gallagher, A., Horsfield, C., Rutland, S., Vyvyan, E., & Collen, A. (2016). Experts' perspectives on professionalism in paramedic practice: findings from a Delphi process. *British Paramedic Journal*, 1(2), 9–17. Retrieved from <https://britishparamedicjournal.co.uk/home> Check with your local Library Service provider.
- Gallagher, A., Vyvyan, E., Horsfield, C., Collen, A., & Rutland, S. (2016). Professionalism in paramedic practice: the views of paramedics and paramedic students. *British Paramedic Journal*, 1(2), 1–8. Retrieved from <https://britishparamedicjournal.co.uk/vol1issue2art1> Check with your local Library Service provider.
- Halliday, M., Bouland, A., Lawner, B., Comer, A., Ramos, D., & Fletcher, M. (2016). The Medical Duty Officer: An Attempt to Mitigate the Ambulance At-Hospital Interval. *Western Journal of Emergency Medicine*, 17(5), 662–668. <http://doi.org/10.5811/westjem.2016.7.30266> Open Access@
- Ho, J. D., Dawes, D. M., McKay, E. M., Taliercio, J. J., White, S. D., Woodbury, B. J., ... Miner, J. R. (2016). Effect of Body-Worn Cameras on EMS Documentation Accuracy: A Pilot Study. *Prehospital Emergency Care*, 1–9. <http://doi.org/10.1080/10903127.2016.1218984> Check with your local Library Service provider.
- Ichiki, T., Onozuka, D., Kamouchi, M., & Hagihara, A. (2016). An association between fine particulate matter (PM<sub>2.5</sub>) levels and emergency ambulance dispatches for cardiovascular diseases in Japan. *International Archives of Occupational and Environmental Health*. <http://doi.org/10.1007/s00420-016-1168-9> Check with your local Library Service provider.
- Jensen, J. L., & Travers, A. H. (2016). Contemporary evidence-based practice in Canadian emergency medical services: a vision for integrating evidence into clinical and policy decision-making. *CJEM*, 1–10. <http://doi.org/10.1017/cem.2016.364> Check with your local Library Service provider.
- Kasinski, M., Madziala, M., Iskrzycki, L., & Gawlowski, P. (2016). Are firefighters able to perform blind endotracheal intubation via LMA Fastrach™? An experimental study. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.09.035> Check with your local Library Service provider.
- Körber, M. I. (2016). Quality of Basic Life Support – A Comparison between Medical Students and Paramedics. *JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH*, 10(7), OC33–7. <http://doi.org/10.7860/JCDR/2016/19221.8197> Open Access@
- Lane, M., Rouse, J., & Docking, R. E. (2016). Mentorship within the paramedic profession: a practice educator's perspective. *British Paramedic Journal*, 1(1), 2–8. Retrieved from <http://www.cm.class.community.librios.com/?id=-103137> Check with your local Library Service provider.
- McAuley, A., Bouttell, J., Barnsdale, L., Mackay, D., Lewsey, J., Hunter, C., & Robinson, M. (2016). Evaluating the impact of a national naloxone programme on ambulance attendance at overdose incidents: a controlled time series analysis. *Addiction*. <http://doi.org/10.1111/add.13602> Check with your local Library Service provider.

- McClelland, G., & Haworth, D. (2016). A qualitative investigation into paramedics' thoughts about the introduction of the National Early Warning Score. *British Paramedic Journal*, 1(1), 9–14. Retrieved from <http://www.cm.class.community.librios.com/?id=-103139> **Check with your local Library Service provider.**
- Martin Ginis, K. A., Tomasone, J. R., Welsford, M., Ethans, K., Sinden, A. R., Longeway, M., & Krassioukov, A. (2016). Online training improves paramedics' knowledge of autonomic dysreflexia management guidelines. *Spinal Cord*. <http://doi.org/10.1038/sc.2016.116> **Check with your local Library Service provider.**
- Morita, T., Tsubokura, M., Furutani, T., Nomura, S., Ochi, S., Leppold, C., ... Oikawa, T. (2016). Impacts of the 2011 Fukushima nuclear accident on emergency medical service times in Soma District, Japan: a retrospective observational study. *BMJ Open*, 6(9), e013205. <http://doi.org/10.1136/bmjopen-2016-013205> **Open Access@**
- Munro, G., O'Meara, P., & Kenny, A. (2016). Paramedic transition into an academic role in universities: a scoping review. *Journal of Paramedic Practice*, 8(9), 452–457. <http://doi.org/10.12968/jpar.2016.8.9.452> **Check with your local Library Service provider.**
- Murphy-Jones, G., & Timmons, S. (2016). Paramedics' experiences of end-of-life care decision making with regard to nursing home residents: an exploration of influential issues and factors. *Emergency Medicine Journal*, 33(10), 722–726. <http://doi.org/10.1136/emered-2015-205405> **NHS Open Athens@**
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- Neiman, G. S., & Hertelendy, A. J. (2016). Regulatory impediments to the implementation of a community paramedicine programme in Virginia. *Journal of Paramedic Practice*, 8(9), 458–462. <http://doi.org/10.12968/jpar.2016.8.9.458> **Check with your local Library Service provider.**
- Oberscheider, M., & Hirsch, P. (2016). Analysis of the impact of different service levels on the workload of an ambulance service provider. *BMC Health Services Research*, 16(1), 487. <http://doi.org/10.1186/s12913-016-1727-5> **Open Access@**
- Quaile, A. (2016). Do advanced paramedics have a role as independent prescribers? *Nurse Prescribing*, 14(9), 430–431. <http://doi.org/10.12968/npre.2016.14.9.430> **Check with your local Library Service provider.**
- Reed, M. J., Glover, A., Byrne, L., Donald, M., McMahon, N., Hughes, N., ... Scottish Transfusion and Laboratory Support in Trauma Group (TLSTG). (2016). Experience of implementing a National pre-hospital Code Red bleeding protocol in Scotland. *Injury*. <http://doi.org/10.1016/j.injury.2016.09.020> **Check with your local Library Service provider.**
- Riyapan, S., & Lubin, J. (2016). The variability of state wide prehospital drug-facilitated intubation protocols in the United States. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.09.037> **Check with your local Library Service provider.**
- Talbot, J., & Coulson, J. (2016). The effect of a targeted clinical toxicology training intervention on the diagnostic accuracy and management of paramedics exposed to clinical simulation: a repeated measures study. *British Paramedic Journal*, 1(1), 15–25. Retrieved from <http://www.cm.class.community.librios.com?id=-103140> **NHS Open Athens@**
- Tammes, P., Morris, R. W., Brangan, E., Checkland, K., England, H., Huntley, A., ... Purdy, S. (2016). Exploring the relationship between general practice characteristics, and attendance at walk-in centres,

minor injuries units and EDs in England 2012/2013: a cross-sectional study. *Emergency Medicine Journal*, 33(10), emermed–2015–205339. <http://doi.org/10.1136/emered-2015-205339> **NHS Open Athens@**

Tangherlini, N., Villar, J., Brown, J., Rodriguez, R. M., Yeh, C., Friedman, B. T., & Wada, P. (2016). The HOME Team: Evaluating the Effect of an EMS-based Outreach Team to Decrease the Frequency of 911 Use Among High Utilizers of EMS. *Prehospital and Disaster Medicine*, 1–5. <http://doi.org/10.1017/S1049023X16000790> **Check with your local Library Service provider.**

Tavares, W., Bowles, R., & Donelon, B. (2016). Informing a Canadian paramedic profile: framing concepts, roles and crosscutting themes. *BMC Health Services Research*, 16(1), 477. <http://doi.org/10.1186/s12913-016-1739-1> **Open Access@**

Tohira, H., Fatovich, D., Williams, T. A., Bremner, A., Arendts, G., Rogers, I. R., ... Finn, J. (2016). Which patients should be transported to the emergency department? A perpetual prehospital dilemma. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12662> **Check with your local Library Service provider.**

Ward, R. (2016). Paramedic and student midwives' experiences of interprofessional learning. *Journal of Paramedic Practice*, 8(9), 470–470. **Check with your local Library Service provider.**

Wilcox, S. R., Ries, M., Bouthiller, T. A., Berry, E. D., Dowdy, T. L., & DeGrace, S. (2016). The Importance of Ground Critical Care Transport: A Case Series and Literature Review. *Journal of Intensive Care Medicine*. <http://doi.org/10.1177/0885066616668484> **Check with your local Library Service provider.**

Wireklint Sundström, B., Holmberg, M., Herlitz, J., Karlsson, T., & Andersson, H. (2016). Possible effects of a course in cardiovascular nursing on prehospital care of patients experiencing suspected acute coronary syndrome: a cluster randomised controlled trial. *BMC Nursing*, 15(1), 52. <http://doi.org/10.1186/s12912-016-0175-1> **Open Access@**

Yardley, I., & Donaldson, L. (2016). Deaths following prehospital safety incidents: an analysis of a national database. *Emergency Medicine Journal*, 33(10), 1–6. <http://doi.org/10.1136/emered-2015-204724> **NHS Open Athens@**

Zègre-Hemsey, J. K., Pickham, D., & Pelter, M. M. (2016). Electrocardiographic indicators of acute coronary syndrome are more common in patients with ambulance transport compared to those who self-transport to the emergency department journal of electrocardiology. *Journal of Electrocardiology*. <http://doi.org/10.1016/j.jelectrocard.2016.08.008> **NHS Open Athens@**

#### **Prehospital Research – Methods and Discussion**

Lindor, R. A., Kunneman, M., Hanzel, M., Schuur, J. D., Montori, V. M., & Sadosty, A. T. (2016). Liability and informed consent in the context of shared decision making. *Academic Emergency Medicine*. <http://doi.org/10.1111/acem.13078> **Check with your local Library Service provider.**

Perron, M., Nadeau, S., & Dubé, F. (2016). Involvement of paramedical clinicians in research: A must for improving clinical practices. *Annals of Physical and Rehabilitation Medicine*, 59S, e49. <http://doi.org/10.1016/j.rehab.2016.07.114> **NHS Open Athens@**

Maughan, B. C., Meisel, Z. F., Venkatesh, A. K., Lin, M. P., Perry, W. M., Schuur, J. D., ... Grudzen, C. R. (2016). Health Policy and Shared Decision Making in Emergency Care: A Research Agenda. *Academic Emergency Medicine*. <http://doi.org/10.1111/acem.13098> **Check with your local Library Service provider.**

Sanossian, N., Apibunyopas, K. C., Liebeskind, D. S., Starkman, S., Burgos, A. M., Conwit, R., ... Saver, J. L. (2016). Characteristics and Outcomes of Very Elderly Enrolled in a Prehospital Stroke Research Study. *Stroke*, STROKEAHA.116.013318. <http://doi.org/10.1161/STROKEAHA.116.013318> **Open Access@**

### Helicopter Emergency Medical Services (HEMS)

Glomseth, R. (2010). Ambulance helicopter contribution to air based search and rescue in North Norway during. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 24(1), 1–28. <http://doi.org/10.1186/s13049-016-0302-8> **Open Access@**

Grisham, L. M., Vickers, V., Biffar, D. E., Prescher, H., Battaglia, N. J., Jarred, J. E., ... Hamilton, A. J. (2016). Feasibility of Air Transport Simulation Training: A Case Series. *Air Medical Journal*, 35(5), 308–313. <http://doi.org/10.1016/j.amj.2016.02.008> **Check with your local Library Service provider.**

Lansom, J. D., Curtis, K., Goldsmith, H., & Tzannes, A. (2016). The Effect of Prehospital Intubation on Treatment Times in Patients With Suspected Traumatic Brain Injury. *Air Medical Journal*, 35(5), 295–300. <http://doi.org/10.1016/j.amj.2016.04.019> **Check with your local Library Service provider.**

Morowsky, K., & Funk, K. H. (2016). Understanding Differences in Helicopter Mission Sets Prior to Human Error Analysis. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 60(1), 1439–1443. <http://doi.org/10.1177/1541931213601330> **Check with your local Library Service provider.**

Pietsch, U., Knapp, J., Ney, L., Berner, A., & Lischke, V. (2016). Simulation-Based Training in Mountain Helicopter Emergency Medical Service: A Multidisciplinary Team Training Concept. *Air Medical Journal*, 35(5), 301–304. <http://doi.org/10.1016/j.amj.2016.05.006> **Check with your local Library Service provider.**

Riyapan, S., & Lubin, J. (2016). Apneic Oxygenation May Not Prevent Severe Hypoxemia During Rapid Sequence Intubation: A Retrospective Helicopter Emergency Medical Service Study. *Air Medical Journal*. <http://doi.org/10.1016/j.amj.2016.07.008> **NHS Open Athens@**

Schober, P., Christiaans, H. M. T., Loer, S. A., & Schwarte, L. A. (2016). The Hypoxia Alarm of a Multigas Analyzer Is Triggered During Helicopter Takeoffs in Helicopter Emergency Medical Services Operations. *Air Medical Journal*, 35(5), 305–307. <http://doi.org/10.1016/j.amj.2016.04.017> **Check with your local Library Service provider.**

### Diagnosis and Triage

Ayubi, E., & Sani, M. (2016, September). Procalcitonin levels predict identification of bacterial strains in blood cultures of septic patients: effect measures of association. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.09.026> **Check with your local Library Service provider.**

Azzopardi, R. V., Vermeiren, S., Gorus, E., Habbig, A.-K., Petrovic, M., Van Den Noortgate, N., ... Beyer, I. (2016). Linking Frailty Instruments to the International Classification of Functioning, Disability, and Health: A Systematic Review. *Journal of the American Medical Directors Association*. <http://doi.org/10.1016/j.jamda.2016.07.023> **Check with your local Library Service provider.**

Beales, L., & Mercuri, M. (2016). BET 1: Screening for delirium within the emergency department: Table 1. *Emergency Medicine Journal*, 33(10), 741.2–743. <http://doi.org/10.1136/emered-2016-206204.1> **NHS Open Athens@**

Bouza, C., Lopez-Cuadrado, T., Amate-Blanco, J. M., Angus, D., Poll, T., Martin, G., ... Mackirdy, F. (2016). Use of explicit ICD9-CM codes to identify adult severe sepsis: impacts on epidemiological estimates. *Critical Care*, 20(1), 313. <http://doi.org/10.1186/s13054-016-1497-9> **Open Access@**



- Buchholz, G., Koedel, U., Pfister, H.-W., Kastenbauer, S., & Klein, M. (2016). Dramatic reduction of mortality in pneumococcal meningitis. *Critical Care*, 20(1), 312. <http://doi.org/10.1186/s13054-016-1498-8> **Open Access@**
- Feeney, A., Barry, T., Hayden, D., Higgins, L., Kavanagh, E., MacMahon, P., ... Murphy, S. (n.d.). Pre-Hospital Fast Positive Cases Identified by DFB Ambulance Paramedics: Final Clinical Diagnosis. *Irish Medical Journal*, 109(4), 397. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/27685491> **Check with your local Library Service provider.**
- Fitzpatrick, D., O'Meara, P., & Cunningham, A. (2016). Pre-hospital identification and post-recovery challenges of intoxication with synthetic cannabinoid containing legal high products such as "Exodus Damnation". *Scottish Medical Journal*, 0036933016659177. <http://doi.org/10.1177/0036933016659177> **Check with your local Library Service provider.**
- Gutierrez, G. (2016). Work of breathing, not dysoxia, as the cause of low central venous blood O<sub>2</sub> saturation in sepsis. *Critical Care*, 20(1), 291. <http://doi.org/10.1186/s13054-016-1476-1> **Open Access@**
- Harriss, L. R., Thompson, F., Dey, A., Mills, J., Watt, K., & McDermott, R. (2016). When chronic conditions become emergencies - a report from regional Queensland. *Australian Journal of Rural Health*. <http://doi.org/10.1111/ajr.12320> **Open Access@**
- Haycock, J. (2016). Prehospital Acute Stroke Severity Scale to Predict Large Artery Occlusion: Design and comparison with other scales. *The Journal of Emergency Medicine*, 51(4), 477. <http://doi.org/10.1016/j.jemermed.2016.08.039> **Check with your local Library Service provider.**
- Holder, A. L., Gupta, N., Lulaj, E., Furgiuele, M., Hidalgo, I., Jones, M. P., ... Birnbaum, A. (2016). Predictors of early progression to severe sepsis or shock among emergency department patients with nonsevere sepsis. *International Journal of Emergency Medicine*, 9(1), 10. <http://doi.org/10.1186/s12245-016-0106-7> **Check with your local Library Service provider.**
- Holly, D., Swanson, V., Cachia, P., Beasant, B., & Laird, C. (2017). Development of a behaviour rating system for rural/remote pre-hospital settings. *Applied Ergonomics*, 58, 405–13. <http://doi.org/10.1016/j.apergo.2016.08.002> **Check with your local Library Service provider.**
- Iba, T. (2016). Bleeding complications of anticoagulant therapy in sepsis-induced disseminated intravascular coagulation. *Critical Care*, 20(1), 307. <http://doi.org/10.1186/s13054-016-1464-5> **Open Access@**
- Jayaprakash, N., Ali, R., Kashyap, R., Bennett, C., Kogan, A., & Gajic, O. (2016). The incorporation of focused history in checklist for early recognition and treatment of acute illness and injury. *BMC Emergency Medicine*, 16(1), 35. <http://doi.org/10.1186/s12873-016-0099-9> **Open Access@**
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## Feedback to

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