



Welcome to **January 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 January edition

Happy New Year to PESCAU readers



### Journals in Emergency Medicine

Very Interesting development from Elsevier based on their Scopus database to provide Journal, as opposed to Article level metrics. This is competition at last for Thomson Reuters Journal Citation Reports. It appears to be free. Access it from here <https://journalmetrics.scopus.com>.

Search for journals by category using *Refine by subject area* Try these subjects, **Emergency Medicine** and **Emergency Medical Services** to see journals ranked by title. It provides some interesting and surprising rankings.

Note: To make the numbering more logical, there will be no December Issue 43. Instead this issue is titled January Issue 43.

Matt Holland, January 2017.

*Prehospital Emergency Services Current Awareness Update – Issue 43, January 2017*

## 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)*

Email: [Matt.Holland@nwas.nhs.uk](mailto: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](http://www.networks.nhs.uk/nhs-networks/nwas-library-and-information-service/esca)

## Prehospital Practitioners – Roles, Professional Practice and Development

- Abdulwahid, M., Turner, J., & Mason, S. (2016). ACCIDENT & EMERGENCY PERFORMANCE AND SENIOR DOCTOR INITIAL ASSESSMENT MODEL; NATIONAL DATA ANALYSIS FOR ENGLISH NHS HOSPITAL TRUSTS. *Emergency Medicine Journal*, 33(12), 929.1–929. <http://doi.org/10.1136/emered-2016-206402.53> **NHS Open Athens@**
- Andel, S. A., Pindek, S., & Spector, P. E. (2016). Being Called to Safety. *Journal of Occupational and Environmental Medicine*, 58(12), 1245–1249. <http://doi.org/10.1097/JOM.0000000000000899> **Check with your local Library Service provider.**
- Baruch, E. N., Benov, A., Shina, A., Berg, A. L., Shlaifer, A., Glassberg, E., ... Yitzhak, A. (2016). Does practice make perfect? Prospectively comparing effects of 2 amounts of practice on tourniquet use performance. *The American Journal of Emergency Medicine*, 34(12), 2356–2361. <http://doi.org/10.1016/j.ajem.2016.08.048> **Check with your local Library Service provider.**
- Bein, K. J., Berendsen Russell, S., Muscatello, D., Chalkley, D., Ivers, R., & Dinh, M. M. (2016). Feeling the HEAT: Using Hourly Emergency Activity Tracking to demonstrate a novel method of describing activity and patient flow. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12712> **Check with your local Library Service provider.**
- Bentley, M. A., Shoben, A., & Levine, R. (2016). The Demographics and Education of Emergency Medical Services (EMS) Professionals: A National Longitudinal Investigation. *Prehospital and Disaster Medicine*, 31(S1), S18–S29. <http://doi.org/10.1017/S1049023X16001060> **Check with your local Library Service provider.**
- Blau, G., & Chapman, S. A. (2016). Why do Emergency Medical Services (EMS) Professionals Leave EMS? *Prehospital and Disaster Medicine*, 31(S1), S105–S111. <http://doi.org/10.1017/S1049023X16001114> **Check with your local Library Service provider.**
- Blyth, C., Bost, N., & Shiels, S. (2016). Impact of an education session on clinical handover between medical shifts in an emergency department: A pilot study. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12717> **Check with your local Library Service provider.**
- Boyle, M., & McKenna, L. (2016). Paramedic and midwifery student exposure to workplace violence during clinical placements in Australia – A pilot study. *International Journal of Medical Education*, 7, 393–399. <http://doi.org/10.5116/ijme.582e.ac04> **Open Access@**
- Bradbury, J., Hutchinson, M., Hurley, J., & Stasa, H. (2016). Lived experience of involuntary transport under mental health legislation. *International Journal of Mental Health Nursing*. <http://doi.org/10.1111/inm.12284> **Check with your local Library Service provider.**
- Bucher, J., Donovan, C. M., & Eisenstein, R. (2017). *Future Developments in the Management of Explosive Incidents*. *Annals of Emergency Medicine* (Vol. 69). <http://doi.org/10.1016/j.annemergmed.2016.09.010> **Check with your local Library Service provider.**
- Chapman, S. A., Crowe, R. P., & Bentley, M. A. (2016). Recruitment and Retention of New Emergency Medical Technician (EMT)-Basics and Paramedics. *Prehospital and Disaster Medicine*, 31(S1), S70–S86. <http://doi.org/10.1017/S1049023X16001084> **Check with your local Library Service provider.**
- Chokotho, L., Mulwafu, W., Singini, I., Njalale, Y., Maliwichi-Senganimalunje, L., & Jacobsen, K. H. (2016). First Responders and Prehospital Care for Road Traffic Injuries in Malawi. *Prehospital and Disaster Medicine*, 1–6. <http://doi.org/10.1017/S1049023X16001175> **Check with your local Library Service provider.**
- Corrado, M. M., Shi, J., Wheeler, K. K., Peng, J., Kenney, B., Johnson, S., & Xiang, H. (2016). Emergency medical services (EMS) versus non-EMS transport among injured children in the United States. *The Prehospital Emergency Services Current Awareness Update – Issue 43, January 2017*

*American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.11.059> **Check with your local Library Service provider.**

- Donovan, C. M., Bryczkowski, C., McCoy, J., Tichauer, M., Eisenstein, R., Bucher, J., & Chapleau, W. (2017). *Organization and Operations Management at the Explosive Incident Scene*. *Annals of Emergency Medicine* (Vol. 69). <http://doi.org/10.1016/j.annemergmed.2016.09.006> **Check with your local Library Service provider.**
- Durham, M., Faulkner, M., & Deakin, C. (2016). Targeted response? An exploration of why ambulance services find government targets particularly challenging. *British Medical Bulletin*, 120(1), 35–42. <http://doi.org/10.1093/bmb/ldw047> **Check with your local Library Service provider.**
- Easton, L., Adam, S., Durnan, T., & McLeod, L. (2016). Identifying and Classifying User Typologies Within a United Kingdom Hospital Library Setting: A Case Study. *Evidence Based Library and Information Practice*, 11(4). <http://doi.org/10.18438/B8V33P> **Open Access@**
- Elcin, M., Onan, A., Odabasi, O., Saylam, M., Ilhan, H., Daylan Kockaya, P., ... Nacar, O. A. (2016). Developing a Simulation-Based Training Program for the Prehospital Professionals and Students on the Management of Middle East Respiratory Syndrome. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*, 11(6), 394–403. <http://doi.org/10.1097/SIH.000000000000198> **Check with your local Library Service provider.**
- Girrbach, F. F., Bernhard, M., Wessel, M., Gries, A., & Bercker, S. (2016). Die praktische Ausbildung von Notfallsanitätern. *Der Anaesthetist*. <http://doi.org/10.1007/s00101-016-0247-3> **Check with your local Library Service provider.**
- Hanaki, N., Yamashita, K., Kunisawa, S., & Imanaka, Y. (2016). Effect of the number of request calls on the time from call to hospital arrival: a cross-sectional study of an ambulance record database in Nara prefecture, Japan. *BMJ Open*, 6(12), e012194. <http://doi.org/10.1136/bmjopen-2016-012194> **Open Access@**
- Hoikka, M., Länkimäki, S., Silfvast, T., & Ala-Kokko, T. I. (2016). Medical priority dispatch codes—comparison with National Early Warning Score. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 24(1), 142. <http://doi.org/10.1186/s13049-016-0336-y> **Open Access@**
- Huff, C. (2017). Paramedicine Programs Making House Calls. *Annals of Emergency Medicine*, 69(1), A13–A16. <http://doi.org/10.1016/j.annemergmed.2016.10.003> **Check with your local Library Service provider.**
- Lacy, C. R., Ballagh, R., Donovan, C. M., & Bucher, J. (2017). Management of Explosive Incidents: Overview of the Project and Summary of Best Practices Consensus Statements of the Expert Panel. *Annals of Emergency Medicine*, 69(1), S1–S3. <http://doi.org/10.1016/j.annemergmed.2016.08.464> **Check with your local Library Service provider.**
- Langabeer, J. R., Champagne-Langabeer, T., Alqusairi, D., Kim, J., Jackson, A., Persse, D., & Gonzalez, M. (2016). Cost-benefit analysis of telehealth in pre-hospital care. *Journal of Telemedicine and Telecare*. <http://doi.org/10.1177/1357633X16680541> **Check with your local Library Service provider.**
- Nugus, P., McCarthy, S., Holdgate, A., Braithwaite, J., Schoenmakers, A., & Wagner, C. (2016). Packaging Patients and Handing Them Over: Communication Context and Persuasion in the Emergency Department. *Annals of Emergency Medicine*. <http://doi.org/10.1016/j.annemergmed.2016.08.456> **Check with your local Library Service provider.**
- Ong, T., Busca, G., Sheldon, W., Siriwardena, N., & Sahota, O. (2016). The unseen cost of falls: The environmental impact of attending falls call out by the emergency ambulance services. *European Geriatric Medicine*, 7(6), 508–509. <http://doi.org/10.1016/j.eurger.2015.07.006> **Check with your local Library Service provider.**

- Patterson, P. D., Higgins, J. S., Lang, E. S., Runyon, M. S., Barger, L. K., Studnek, J. R., ... Martin-Gill, C. (2016). Evidence-Based Guidelines for Fatigue Risk Management in EMS: Formulating Research Questions and Selecting Outcomes. *Prehospital Emergency Care*, 1–8. <http://doi.org/10.1080/10903127.2016.1241329> Check with your local Library Service provider.
- Paranjape, A. (2016). Taking care of the practising paramedic. *Journal of Paramedic Practice*, 8(12), 575–575. Check with your local Library Service provider.
- Pladec, B. M. le, Menoret, R., & Rodes, R. (2016). Recrutement et formation des infirmiers urgentistes préhospitaliers à Paris. *La Revue de l’Infirmière*, 65(225), 31–33. <http://doi.org/10.1016/j.revinf.2016.08.028> Check with your local Library Service provider.
- Ranse, J., Hutton, A., Keene, T., Lenson, S., Luther, M., Bost, N., ... Burke, B. (2016). Health Service Impact from Mass Gatherings: A Systematic Literature Review. *Prehospital and Disaster Medicine*, 1–7. <http://doi.org/10.1017/S1049023X16001199> Check with your local Library Service provider.
- Sun, K. M., Song, K. J., Shin, S. Do, Tanaka, H., Shaun, G. E., Chiang, W.-C., ... Holmes, J. F. (2016). Comparison of Emergency Medical Services and Trauma Care Systems Among Pan-Asian Countries: An International, Multicenter, Population-Based Survey. *Prehospital Emergency Care*, 1–10. <http://doi.org/10.1080/10903127.2016.1241325> Check with your local Library Service provider.
- Suryanto, Plummer, V., & Boyle, M. (2016). EMS Systems in Lower-Middle Income Countries: A Literature Review. *Prehospital and Disaster Medicine*, 1–7. <http://doi.org/10.1017/S1049023X1600114X> Check with your local Library Service provider.
- 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*, 31(06), 603–607. <http://doi.org/10.1017/S1049023X16000790> Check with your local Library Service provider.
- Vavilala, M. S., Lujan, S. B., Qiu, Q., Petroni, G. J., Ballarini, N. M., Guadagnoli, N., ... Bell, M. J. (2016). Benchmarking Prehospital and Emergency Department Care for Argentine Children with Traumatic Brain Injury: For the South American Guideline Adherence Group. *PloS One*, 11(12), e0166478. <http://doi.org/10.1371/journal.pone.0166478> Open Access@
- Wachob, D., & Pesci, L. J. (2016). Brief Report: Knowledge and Confidence of Emergency Medical Service Personnel Involving Treatment of an Individual with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*. <http://doi.org/10.1007/s10803-016-2957-4> Check with your local Library Service provider.
- Wanner, G. K., Osborne, A., & Greene, C. H. (2016). Brief compression-only cardiopulmonary resuscitation training video and simulation with homemade mannequin improves CPR skills. *BMC Emergency Medicine*, 16(1), 45. <http://doi.org/10.1186/s12873-016-0110-5> Open Access@
- Williams, B., Brown, T., McKenna, L., Beovich, B., & Etherington, J. (2016). Attachment and empathy in Australian undergraduate paramedic, nursing and occupational therapy students: A cross-sectional study. *Collegian*. <http://doi.org/10.1016/j.colegn.2016.11.004> Check with your local Library Service provider.

## Prehospital Research – Methods and Discussion

- Ahmad, F. A., Schwartz, H., Browne, L. R., Lassa-Claxton, S., Wallendorf, M., Lerner, E. B., ... Leonard, J. C. (2016). Methods for Collecting Paired Observations from Emergency Medical Services and Emergency Department Providers for Pediatric Cervical Spine Injury Risk Factors. *Academic Emergency Medicine*. <http://doi.org/10.1111/acem.13144> Check with your local Library Service provider.

Boussard, J.-M., & Hilaire, J. C. (2016). Recherche paramédicale, un long chemin vers l'autonomie. *La Revue de l'Infirmière*, 65(225), 37–40. <http://doi.org/10.1016/j.revinf.2016.08.031> Check with your local Library Service provider.

Rinderknecht, A. S., Dyas, J. R., Kerrey, B. T., Geis, G. L., Ho, M. H., & Mittiga, M. R. (2016). Studying the Safety and Performance of Rapid Sequence Intubation: Data Collection Method Matters. *Academic Emergency Medicine*, 38(1), 42–49. <http://doi.org/10.1111/acem.13145> Check with your local Library Service provider.

### Helicopter Emergency Medical Services (HEMS)

Brown, J. B., Gestring, M. L., Guyette, F. X., Rosengart, M. R., Stassen, N. A., Forsythe, R. M., ... Sperry, J. L. (2016). External validation of the Air Medical Prehospital Triage Score for identifying trauma patients likely to benefit from scene helicopter transport. *Journal of Trauma and Acute Care Surgery*, 1. <http://doi.org/10.1097/TA.0000000000001326> Check with your local Library Service provider.

Dodds, N., Emerson, P., Phillips, S., Green, D. R., & Jansen, J. O. (2016). Analysis of aeromedical retrieval coverage using elliptical isochrones. *Journal of Trauma and Acute Care Surgery*, 1. <http://doi.org/10.1097/TA.0000000000001335> Check with your local Library Service provider.

Harmesen, A. M. K., Giannakopoulos, G., Franschman, G., Christiaans, H., & Bloemers, F. (2016). Limitations in Prehospital Communication Between Trauma Helicopter, Ambulance Services, and Dispatch Centers. *The Journal of Emergency Medicine*. <http://doi.org/10.1016/j.jemermed.2016.11.010> Check with your local Library Service provider.

Ishikawa, K., Omori, K., Takeuchi, I., Jitsuiki, K., Yoshizawa, T., Ohsaka, H., ... Yanagawa, Y. (2016). A comparison between evacuation from the scene and interhospital transportation using a helicopter for subarachnoid hemorrhage. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.12.007> Check with your local Library Service provider.

Polites, S. F., Zielinski, M. D., Fahy, A. S., Wagie, A. E., Moir, C. R., Jenkins, D. H., ... Habermann, E. B. (2016). Mortality following helicopter versus ground transport of injured children. *Injury*. <http://doi.org/10.1016/j.injury.2016.12.010> Check with your local Library Service provider.

Tsuchiya, A., Tsutsumi, Y., & Yasunaga, H. (2016). Outcomes after helicopter versus ground emergency medical services for major trauma--propensity score and instrumental variable analyses: a retrospective nationwide cohort study. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 24(1), 140. <http://doi.org/10.1186/s13049-016-0335-z> Open Access@

### Diagnosis and Triage

Beskind, D. L., Stolz, U., Gross, A., Earp, R., Mitchelson, J., Judkins, D., ... Guillen-Rodriguez, J. M. (2014). A Comparison of the Prehospital Motor Component of the Glasgow Coma Scale (mGCS) to the Prehospital Total GCS (tGCS) as a Prehospital Risk Adjustment Measure for Trauma Patients. *Prehospital Emergency Care*, 18(1), 68–75. <http://doi.org/10.3109/10903127.2013.844870> Check with your local Library Service provider.

Bruns, B., Gentilello, L., Elliott, A., & Shafi, S. (2008). Prehospital Hypotension Redefined. *The Journal of Trauma: Injury, Infection, and Critical Care*, 65(6), 1217–1221. <http://doi.org/10.1097/TA.0b013e318184ee63> Check with your local Library Service provider.

Cannon, M., Roitman, R., Ranse, J., & Morphet, J. (2016). Development of a Mass-Gathering Triage Tool: An Australian Perspective. *Prehospital and Disaster Medicine*, 1–5. <http://doi.org/10.1017/S1049023X16001242> Check with your local Library Service provider.

Cuttance, G., Dansie, K., & Rayner, T. (2016). Paramedic Application of a Triage Sieve: A Paper-Based Exercise. *Prehospital and Disaster Medicine*, 1–11. <http://doi.org/10.1017/S1049023X16001163> Check with your local Library Service provider.

- Deakin, C. D., England, S., & Diffey, D. (2016). Ambulance telephone triage using “NHS Pathways” to identify adult cardiac arrest. *Heart*, heartjnl–2016–310651. <http://doi.org/10.1136/heartjnl-2016-310651> **Check with your local Library Service provider.**
- Flottesmesch, T. J., Raetzman, S., Heslin, K. C., Fingar, K., Coffey, R., Barrett, M., & Moy, E. (2016). Age-Related Disparities in Trauma Center Access for Severe Head Injuries Following the Release of the Updated Field Triage Guidelines. *Academic Emergency Medicine*. <http://doi.org/10.1111/acem.13150> **Check with your local Library Service provider.**
- Follows, A., Phillips, R., & Vassallo, J. (2016). IDENTIFYING TRAUMA CENTRE NEED (TCN) IN ADULTS SUSTAINING INJURY: A NARRATIVE REVIEW. *Emergency Medicine Journal*, 33(12), 932.2–933. <http://doi.org/10.1136/emered-2016-206402.59> **NHS Open Athens@**
- Kaufmann, J., Roth, B., Engelhardt, T., Lechleuthner, A., Laschat, M., Hadamitzky, C., ... Hellmich, M. (2016). Development and Prospective Federal State-Wide Evaluation of a Device for Height-Based Dose Recommendations in Prehospital Pediatric Emergencies: A Simple Tool to Prevent Most Severe Drug Errors. *Prehospital Emergency Care*, 1–8. <http://doi.org/10.1080/10903127.2016.1248257> **Check with your local Library Service provider.**
- Hammock, A., Palermo, T., Keogler, R., Francois, P., Schiavone, F., & Taira, B. (2017). Evaluation of a short intervention on screening for intimate partner violence in an ED. *The American Journal of Emergency Medicine*, 35(1), 171–173. <http://doi.org/10.1016/j.ajem.2016.09.055> **Check with your local Library Service provider.**
- Kolinsky, D., Keim, S. M., Cohn, B. G., Schwarz, E. S., & Yealy, D. M. (2017). Is a Prehospital Treat and Release Protocol for Opioid Overdose Safe? *The Journal of Emergency Medicine*. <http://doi.org/10.1016/j.jemermed.2016.09.015> **Check with your local Library Service provider.**
- Magana, J. N., & Kuppermann, N. (2016). The PECARN TBI rules do not apply to abusive head trauma. *Academic Emergency Medicine*. <http://doi.org/10.1111/acem.13155> **Check with your local Library Service provider.**
- Mekitarian Filho, E., & Luppi, J. B. (2016). Emergency Screening of Febrile Neonates. *Pediatric Emergency Care*, 32(12), e16. <http://doi.org/10.1097/PEC.0000000000000998> **Check with your local Library Service provider.**
- Novosad, S. A., Sapiano, M. R. P., Grigg, C., Lake, J., Robyn, M., Dumyati, G., ... Epstein, L. (2016). Vital Signs: Epidemiology of Sepsis: Prevalence of Health Care Factors and Opportunities for Prevention. *MMWR. Morbidity and Mortality Weekly Report*, 65(33), 864–9. <http://doi.org/10.15585/mmwr.mm6533e1> **Open Access@**
- Potter, B. J., Matteau, A., Mansour, S., Naim, C., Riahi, M., Essiambre, R., ... Gobeil, F. (2017). Sustained Performance of a “Physicianless” System of Automated Prehospital STEMI Diagnosis and Catheterization Laboratory Activation. *Canadian Journal of Cardiology*, 33(1), 148–154. <http://doi.org/10.1016/j.cjca.2016.10.013> **Check with your local Library Service provider.**
- Reed, M., Gibson, L., Black, P., Dewar, A., Clegg, G., & Short, S. (2016). THE PARAMEDIC ULTRASOUND IN CARDIAC ARREST STUDY. *Emergency Medicine Journal*, 33(12), 912–913. <http://doi.org/10.1136/emered-2016-206402.27> **NHS Open Athens@**
- Rozanski, M., Waldschmidt, C., Kunz, A., Grittner, U., Ebinger, M., Wendt, M., ... Audebert, H. J. (2017). Glial Fibrillary Acidic Protein for Prehospital Diagnosis of Intracerebral Hemorrhage. *Cerebrovascular Diseases*, 76–81. <http://doi.org/10.1159/000453460> **Check with your local Library Service provider.**
- Spaite, D. W., Hu, C., Bobrow, B. J., Chikani, V., Barnhart, B., Gaither, J. B., ... Sherrill, D. (2017). The Effect of Combined Out-of-Hospital Hypotension and Hypoxia on Mortality in Major Traumatic *Prehospital Emergency Services Current Awareness Update – Issue 43, January 2017*



Brain Injury. *Annals of Emergency Medicine*, 69(1), 62–72.

<http://doi.org/10.1016/j.annemergmed.2016.08.007> Check with your local Library Service provider.

Spaite, D. W., Hu, C., Bobrow, B. J., Chikani, V., Sherrill, D., Barnhart, B., ... Adelson, P. D. (2016). Mortality and Prehospital Blood Pressure in Patients With Major Traumatic Brain Injury. *JAMA Surgery*. <http://doi.org/10.1001/jamasurg.2016.4686> Check with your local Library Service provider.

Stengaard, C., Sørensen, J. T., Ladefoged, S. A., Lassen, J. F., Rasmussen, M. B., Pedersen, C. K., ... Thygesen, K. (2016). The potential of optimizing prehospital triage of patients with suspected acute myocardial infarction using high-sensitivity cardiac troponin T and copeptin. *Biomarkers*, 1–13. <http://doi.org/10.1080/1354750X.2016.1265008> Check with your local Library Service provider.

Velasco, R., Benito, H., Mozun, R., Trujillo, J. E., Merino, P. A., de la Torre, M., ... Mintegi, S. (2016). Importance of Urine Dipstick in Evaluation of Young Febrile Infants With Positive Urine Culture. *Pediatric Emergency Care*, 32(12), 851–855. <http://doi.org/10.1097/PEC.0000000000000935> Check with your local Library Service provider.

Webb, J., Long, B., & Koyfman, A. (2016). An Emergency Medicine–Focused Review of Seizure Mimics. *The Journal of Emergency Medicine*. <http://doi.org/10.1016/j.jemermed.2016.11.002> Check with your local Library Service provider.

Westrol, M. S., Donovan, C. M., & Kapitanyan, R. (2017). Blast Physics and Pathophysiology of Explosive Injuries. *Annals of Emergency Medicine*, 69(1), S4–S9. <http://doi.org/10.1016/j.annemergmed.2016.09.005> Check with your local Library Service provider.

Yumoto, T., Mitsuhashi, T., Yamakawa, Y., Iida, A., Nosaka, N., Tsukahara, K., ... Nakao, A. (2016). Impact of Cushing's sign in the prehospital setting on predicting the need for immediate neurosurgical intervention in trauma patients: a nationwide retrospective observational study. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 24(1), 147. <http://doi.org/10.1186/s13049-016-0341-1> Open Access@

## Patient Profile

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Email: [Matt.Holland@nwas.nhs.uk](mailto:Matt.Holland@nwas.nhs.uk)

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