



Welcome to **February** 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 February edition

New Reports

- **National Audit Office - Ambulance Services - Report - January 2017**
Demand for ambulance services continues to grow rapidly, but services are finding it increasingly difficult to cope with rising demand. Full report here [<https://www.nao.org.uk/report/nhs-ambulance-services/>]
- **Care Quality Commission – NWAS NHS Trust**
See the full report here [<http://www.cqc.org.uk/provider/RX7>]
- **Care Quality Commission – WMAS NHS Foundation Trust**
See the full report here [<http://www.cqc.org.uk/provider/RYA>]

Emergency Preparedness Resilience and Response [EPRR]

NWAS LKS is in the process of developing a current awareness service for EPRR. At the moment NWAS LKS is exploring the journal sources. The beta versions are available from the links below.

- **New articles here**
[<https://www.sparrho.com/pinboard/emergency-preparedness-resilience-and-response/155239/>]
- **Tables of Contents here**
[<http://feedly.com/nwaslks/Emergency%20Preparedness%20Resilience%20and%20Response>]

Matt Holland, February 2017.

Prehospital Emergency Services Current Awareness Update – Issue 44, February 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

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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.
- Ⓢ 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;

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<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

- Blodgett, J., Robertson, D., Ratcliffe, D., & Rockwood, K. (2017). Paramedic perspectives on GP referral schemes. *Journal of Paramedic Practice*, 9(1), 11–17. **Check with your local Library Service provider.**
- Boissin, C., Blom, L., Wallis, L., & Laflamme, L. (2017). Image-based teleconsultation using smartphones or tablets: qualitative assessment of medical experts. *Emergency Medicine Journal*, 34(2), 95–99. <http://doi.org/10.1136/emered-2015-205258> **NHS Open Athens@**
- Boyle, M., & McKenna, L. (2017). Paramedic student exposure to workplace violence during clinical placements – A cross-sectional study. *Nurse Education in Practice*, 22, 93–97. <http://doi.org/10.1016/j.nepr.2017.01.001> **Check with your local Library Service provider.**
- Calhoun, A. W., Sutton, E. R. H., Barbee, A. P., McClure, B., Bohnert, C., Forest, R., ... Fallat, M. E. (2017). Compassionate Options for Pediatric EMS (COPE): Addressing Communication Skills. *Prehospital Emergency Care*, 1–10. <http://doi.org/10.1080/10903127.2016.1263370> **Check with your local Library Service provider.**
- Cortez, E. J., Panchal, A. R., Davis, J. E., & Keseg, D. P. (2017). The Effect of Ambulance Staffing Models in a Metropolitan, Fire-Based EMS System. *Prehospital and Disaster Medicine*, 1–5. <http://doi.org/10.1017/S1049023X16001539> **Check with your local Library Service provider.**
- DuCanto, J., Serrano, K., & Thompson, R. (2017). Novel Airway Training Tool that Simulates Vomiting: Suction-Assisted Laryngoscopy Assisted Decontamination (SALAD) System. *Western Journal of Emergency Medicine*, 18(1), 117–120. <http://doi.org/10.5811/westjem.2016.9.30891> **Open Access@**
- Dyson, K., Bray, J. E., Smith, K., Bernard, S., Straney, L., & Finn, J. (2017). Paramedic resuscitation competency: A survey of Australian and New Zealand emergency medical services. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12715> **Check with your local Library Service provider.**
- Farquharson, N., Dudley, R., Hardwick, S., & Zandbeek, J. (2017). Barriers to paramedic education in black and ethnic minority (BME) groups. *Journal of Paramedic Practice*, 9(1), 19–25. **Check with your local Library Service provider.**
- Harris, N. (2017). Equipping paramedics to look after their mental health and wellbeing. *Journal of Paramedic Practice*, 9(1), 6–7. **Check with your local Library Service provider.**
- Holena, D. N., Jacoby, S. F., & Reilly, P. M. (2017). Towards a broader view of police prehospital transport. *Journal of Trauma and Acute Care Surgery*, 1. <http://doi.org/10.1097/TA.0000000000001376> **Check with your local Library Service provider.**
- Hugelius, K., Adolfsson, A., Örténwall, P., & Gifford, M. (2017). Being Both Helpers and Victims: Health Professionals' Experiences of Working During a Natural Disaster. *Prehospital and Disaster Medicine*, 1–7. <http://doi.org/10.1017/S1049023X16001412> **Check with your local Library Service provider.**
- Jahangiri, K., Eivazi, M.-R., & Sayah Mofazali, A. (2017). The role of Foresight in avoiding systematic failure of natural disaster risk management. *International Journal of Disaster Risk Reduction*, 21, 303–311. <http://doi.org/10.1016/j.ijdrr.2017.01.008> **Check with your local Library Service provider.**
- Lavery, T., Greenslade, J. H., Parsonage, W. A., Hawkins, T., Dalton, E., Hammett, C., & Cullen, L. (2017). Factors influencing choice of pre-hospital transportation of patients with potential acute coronary syndrome: An observational study. *Emergency Medicine Australasia*. <http://doi.org/10.1111/1742-6723.12735> **Check with your local Library Service provider.**
- Lin, L.-Y. (2017). Taxi-based Emergency Medical System. Retrieved from <http://arxiv.org/abs/1701.04126>

- Ludin, S. M., & Arbon, P. A. (2017). Improving community disaster resilience through scorecard self-testing. *Disaster Prevention and Management: An International Journal*, 26(1), 13–27. <http://doi.org/10.1108/DPM-08-2016-0177> **Check with your local Library Service provider.**
- May, S. (2017). The ethical and legal dilemmas paramedics face when managing a mental health patient. *Journal of Paramedic Practice*, 9(1), 34–39. **Check with your local Library Service provider.**
- Mogensen, P. H., & Wollsen, S. (2017). Prehospital Patient Records: Facilitating Constructive Dialogue and Co-Construction Through PD. *Studies in Health Technology and Informatics*, 233, 17–29. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/28125410> **Check with your local Library Service provider.**
- Nehme, Z., Cameron, P. A., Akram, M., Patsamanis, H., Bray, J. E., Meredith, I. T., & Smith, K. (2017). Effect of a mass media campaign on ambulance use for chest pain. *The Medical Journal of Australia*, 206(1), 30–35. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/28076734> **Open Access@**
- Remick, K., Gross, T., Adelgais, K., Shah, M. I., Leonard, J. C., & Gausche-Hill, M. (2017). Resource Document: Coordination of Pediatric Emergency Care in EMS Systems. *Prehospital Emergency Care*, 1–9. <http://doi.org/10.1080/10903127.2016.1258097> **Check with your local Library Service provider.**
- Rosander, M., & Jonson, C.-O. (2017). Professional confidence in the roles as ambulance and medical incident commander. *Journal of Contingencies and Crisis Management*. <http://doi.org/10.1111/1468-5973.12156> **Check with your local Library Service provider.**
- Schenk, E. J., Yuan, J., Martel, L. D., Shi, G.-Q., Han, K., & Gao, X. (2016). Risk factors for long-term post-traumatic stress disorder among medical rescue workers appointed to the 2008 Wenchuan earthquake response in China. *Disasters*. <http://doi.org/10.1111/disa.12222> **Check with your local Library Service provider.**
- Skryabina, E., Reedy, G., Amlôt, R., Jaye, P., & Riley, P. (2017). What is the value of health emergency preparedness exercises? A scoping review study. *International Journal of Disaster Risk Reduction*, 21, 274–283. <http://doi.org/10.1016/j.ijdrr.2016.12.010> **Open Access@**
- Stone, R. J., Guest, R., Mahoney, P., Lamb, D., & Gibson, C. (2017). A “mixed reality” simulator concept for future Medical Emergency Response Team training. *Journal of the Royal Army Medical Corps*, jramc-2016-000726. <http://doi.org/10.1136/jramc-2016-000726> **Check with your local Library Service provider.**
- Sung, I., & Lee, T. (2016). Scenario-based approach for the ambulance location problem with stochastic call arrivals under a dispatching policy. *Flexible Services and Manufacturing Journal*. <http://doi.org/10.1007/s10696-016-9271-5> **Check with your local Library Service provider.**
- Tan, T.-H., Gochoo, M., Chen, Y.-F., Hu, J.-J., Chiang, J., Chang, C.-S., ... Hsu, J.-C. (2017). Ubiquitous Emergency Medical Service System Based on Wireless Biosensors, Traffic Information, and Wireless Communication Technologies: Development and Evaluation. *Sensors*, 17(1), 202. <http://doi.org/10.3390/s17010202> **Open Access@**
- Way, D. P., Panchal, A. R., Finnegan, G. I., & Terndrup, T. E. (2017). Airway Management Proficiency Checklist for Assessing Paramedic Performance. *Prehospital Emergency Care*, 1–8. <http://doi.org/10.1080/10903127.2016.1263368> **Check with your local Library Service provider.**

Prehospital Research – Methods and Discussion

- Johnson, M., O’Hara, R., Hirst, E., Weyman, A., Turner, J., Mason, S., ... Siriwardena, A. N. (2017). Multiple triangulation and collaborative research using qualitative methods to explore decision making in pre-hospital emergency care. *BMC Medical Research Methodology*, 17(1), 11. <http://doi.org/10.1186/s12874-017-0290-z> **Open Access@**

Helicopter Emergency Medical Services (HEMS)

- Nolan, B., Tien, H., Sawadsky, B., Rizoli, S., McFarlan, A., Phillips, A., & Ackery, A. (2017). Comparison of Helicopter Emergency Medical Services Transport Types and Delays on Patient Outcomes at Two Level I Trauma Centers. *Prehospital Emergency Care*, 1–7.
<http://doi.org/10.1080/10903127.2016.1263371> Check with your local Library Service provider.
- Wong, D. J. N., Bedford, J. R., Luck, S., & Bloomer, R. (2017). Evaluating Services at a Major Trauma Center Before Helipad Construction. *Air Medical Journal*, 36(1), 34–36.
<http://doi.org/10.1016/j.amj.2016.11.007> Check with your local Library Service provider.

Diagnosis and Triage

- Alam, N., Doerga, K. B., Hussain, T., Hussain, S., Holleman, F., Kramer, M. H., & Nanayakkara, P. W. (2016). Epidemiology, recognition and documentation of sepsis in the pre-hospital setting and associated clinical outcomes: a prospective multicenter study. *Acute Medicine*, 15(4), 168–175. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/28112285> Check with your local Library Service provider.
- Andonian, D. O., Seaman, S. R., & Josephson, E. B. (2017). Profound hypotension and bradycardia in the setting of synthetic cannabinoid intoxication - A case series. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2017.01.011> Check with your local Library Service provider.
- Badiali, S., Giugni, A., & Marcis, L. (2017). Testing the START Triage Protocol: Can It Improve the Ability of Nonmedical Personnel to Better Triage Patients During Disasters and Mass Casualties Incidents? *Disaster Medicine and Public Health Preparedness*, 1–5.
<http://doi.org/10.1017/dmp.2016.151> Check with your local Library Service provider.
- Bayer, R. G. (2017). Altitude illness. *Disaster Prevention and Management: An International Journal*, 26(1), 55–64. <http://doi.org/10.1108/DPM-07-2016-0146> Check with your local Library Service provider.
- Brunetti, N. D., De Gennaro, L., Correale, M., Santoro, F., Caldarola, P., Gaglione, A., & Di Biase, M. (2017). Pre-hospital electrocardiogram triage with telemedicine near halves time to treatment in STEMI: A meta-analysis and meta-regression analysis of non-randomized studies. *International Journal of Cardiology*. <http://doi.org/10.1016/j.ijcard.2017.01.055> Check with your local Library Service provider.
- CARRIE, C., STECKEN, L., SCOTTO, M., DURAND, M., MASSON, F., REVEL, P., & BIAIS, M. (2017). Forced vital capacity assessment for risk stratification of blunt chest trauma patients in emergency settings: a preliminary study. *Anaesthesia Critical Care & Pain Medicine*.
<http://doi.org/10.1016/j.accpm.2016.12.004> Check with your local Library Service provider.
- Dorsett, M., Kroll, M., Smith, C. S., Asaro, P., Liang, S. Y., & Moy, H. P. (2017). qSOFA Has Poor Sensitivity for Prehospital Identification of Severe Sepsis and Septic Shock. *Prehospital Emergency Care*, 1–9. <http://doi.org/10.1080/10903127.2016.1274348> Check with your local Library Service provider.
- Ishak, M., Ali, D., Fokkert, M. J., Slingerland, R. J., Tolsma, R. T., Badings, E., ... van 't Hof, A. W. (2017). Fast assessment and management of chest pain patients without ST-elevation in the pre-hospital gateway (Famous Triage): ruling out a myocardial infarction at home with the modified HEART score. *European Heart Journal: Acute Cardiovascular Care*, 204887261668711.
<http://doi.org/10.1177/2048872616687116> NHS Open Athens@
- Kanani, A. N., & Hartshorn, S. (2017). NICE clinical guideline NG39: Major trauma: assessment and initial management. *Archives of Disease in Childhood - Education & Practice Edition*, 102(1), 20–23.
<http://doi.org/10.1136/archdischild-2016-310869> NHS Open Athens@

- Kim, J.-T., Chung, P.-W., Starkman, S., Sanossian, N., Stratton, S. J., Eckstein, M., ... FAST-MAG Trial (Field Administration of Stroke Therapy–Magnesium) Nurse-Coordinators and Investigators. (2017). Field Validation of the Los Angeles Motor Scale as a Tool for Paramedic Assessment of Stroke Severity. *Stroke*, 48(2), 298–306. <http://doi.org/10.1161/STROKEAHA.116.015247> **Check with your local Library Service provider.**
- Lale, A., Krajewski, A., & Friedman, L. S. (2017). Undertriage of Firearm-Related Injuries in a Major Metropolitan Area. *JAMA Surgery*, 61(RR-1), 1–20. <http://doi.org/10.1001/jamasurg.2016.5049> **Check with your local Library Service provider.**
- McMullan, J. T., Katz, B., Broderick, J., Schmit, P., Sucharew, H., & Adeoye, O. (2017). Prospective Prehospital Evaluation of the Cincinnati Stroke Triage Assessment Tool. *Prehospital Emergency Care*, 1–8. <http://doi.org/10.1080/10903127.2016.1274349> **Check with your local Library Service provider.**
- Michel, P. (2017). Prehospital Scales for Large Vessel Occlusion. *Stroke*, 48(2), 247–249. <http://doi.org/10.1161/STROKEAHA.116.015511> **Check with your local Library Service provider.**
- Murphy, S., Thomas, N. J., Gertz, S., Beca, J., Luther, J. F., Bell, M. J., ... Tasker, R. (2017). Tripartite Stratification of the Glasgow Coma Scale in Children with Severe Traumatic Brain Injury and Mortality: An Analysis from a Multicenter, Comparative Effectiveness Study. *Journal of Neurotrauma*, neu.2016.4793. <http://doi.org/10.1089/neu.2016.4793> **Check with your local Library Service provider.**
- Parry, M., Danielson, K., Brennenstuhl, S., Drennan, I. R., & Morrison, L. J. (2017). The association between diabetes status and survival following an out-of-hospital cardiac arrest: A retrospective cohort study. *Resuscitation*, 0(0). <http://doi.org/10.1016/j.resuscitation.2017.01.011> **Check with your local Library Service provider.**
- Rajhans, P., Kulkarni, P., Kelkar, D., Jog, S., Ranade, G., Utpat, S., & Hande, V. (2016). Prognostic predictors of patients admitted in Intensive Care Unit through emergency ambulance services. *International Journal of Health System and Disaster Management*, 4(4), 126. <http://doi.org/10.4103/2347-9019.196793> **Open Access@**
- Scheitz, J. F., Abdul-Rahim, A. H., MacIsaac, R. L., Cooray, C., Sucharew, H., Kleindorfer, D., ... Lees, K. R. (2017). Clinical Selection Strategies to Identify Ischemic Stroke Patients With Large Anterior Vessel Occlusion. *Stroke*, 48(2), 290–297. <http://doi.org/10.1161/STROKEAHA.116.014431> **Check with your local Library Service provider.**
- Schomer, A. C., & Kapur, J. (2016). The SAMUKeppra study in prehospital status epilepticus: lessons for future study. *Annals of Translational Medicine*, 4(23), 468–468. <http://doi.org/10.21037/atm.2016.11.67> **Check with your local Library Service provider.**
- Wiewel, M. A., Harmon, M. B., van Vught, L. A., Scicluna, B. P., Hoogendijk, A. J., Horn, J., ... Wiersinga, W. J. (2016). Risk factors, host response and outcome of hypothermic sepsis. *Critical Care*, 20(1), 328. <http://doi.org/10.1186/s13054-016-1510-3> **Open Access@**

Patient Profile

- Allgaier, R. L., Laflamme, L., & Wallis, L. A. (2017). Operational demands on pre-hospital emergency care for burn injuries in a middle-income setting: a study in the Western Cape, South Africa. *International Journal of Emergency Medicine*, 10(1), 2. <http://doi.org/10.1186/s12245-017-0128-9> **Open Access@**
- Davey, K., Olivieri, P., Saul, T., Atmar, S., Rabrich, J. S., & Egan, D. J. (2017). Impact of patient race and primary language on emergency department triage in a system that relies on chief complaint and general appearance. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2017.01.039> **Check with your local Library Service provider.**
- Prehospital Emergency Services Current Awareness Update – Issue 44, February 2017*

Guerrero, M. (2017). Parental Care–Seeking Behavior and Prehospital Timelines of Care in Childhood Arterial Ischemic Stroke. *The Journal of Emergency Medicine*, 52(1), 130.

<http://doi.org/10.1016/j.jemermed.2016.11.047> Check with your local Library Service provider.

On-Scene Interventions

Ahn, H. M., Kim, H., Lee, K. S., Lee, J. H., Jeong, H. S., Chang, S. H., ... Shin, E. Y. (2016). Hospital Arrival Rate within Golden Time and Factors Influencing Prehospital Delays among Patients with Acute Myocardial Infarction. *Journal of Korean Academy of Nursing*, 46(6), 804.

<http://doi.org/10.4040/jkan.2016.46.6.804> Open Access@

Alam, N., de Ven, P. M. van, Oskam, E., Stassen, P., Kramer, M. H., Exter, P. van, & Nanayakkara, P. W. (2016). Study protocol for a Multi-centre, Investigator-initiated, Randomized Controlled Trial to Compare the Effects of Prehospital Antibiotic Treatment for Sepsis Patients with Usual Care after Training Emergency Medical Services (EMS) Personnel in Early Recogn. *Acute Medicine*, 15(4), 176–184. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/28112286> Check with your local Library Service provider.

Armenian, P., Campagne, D., Stroh, G., Ives Tallman, C., Zeng, W. Z. D., Lin, T., & Gerona, R. R. (2017). Hot and Cold Drugs: National Park Service Medication Stability at the Extremes of Temperature.

Prehospital Emergency Care, 1–8. <http://doi.org/10.1080/10903127.2016.1258098> Check with your local Library Service provider.

Baratto, F., Gabellini, G., Paoli, A., & Boscolo, A. (2017). I-gel O2 resus pack, a rescue device in case of severe facial injury and difficult intubation. *The American Journal of Emergency Medicine*.

<http://doi.org/10.1016/j.ajem.2017.01.057> Check with your local Library Service provider.

Carlson, J. N., Schunder-Tatzber, S., Neilson, C. J., & Hood, N. (2017). Dietary sugars versus glucose tablets for first-aid treatment of symptomatic hypoglycaemia in awake patients with diabetes: a systematic review and meta-analysis. *Emergency Medicine Journal*, 34(2), 100–106.

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Claret, P.-G., Bobbia, X., & de La Coussaye, J. E. (2017). Discrepancy Between Pediatric and Adult Patients Concerning Misplaced Endotracheal Tubes During Intubation. *The Journal of Emergency Medicine*.

<http://doi.org/10.1016/j.jemermed.2016.09.043> Check with your local Library Service provider.

Friesgaard, K. D., Christensen, E. F., Kirkegaard, H., Bendtsen, M. D., Jensen, F. B., & Nikolajsen, L. (2017). Prehospital intravenous fentanyl to patients with hip fracture: an observational cohort study of risk factors for analgesic non-treatment. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 25(1), 5. <http://doi.org/10.1186/s13049-017-0348-2> Open Access@

Jeffery, R. M., Dickinson, L., Ng, N. D., DeGeorge, L. M., & Nable, J. V. (2017). Naloxone administration for suspected opioid overdose: An expanded scope of practice by a basic life support collegiate-based emergency medical services agency. *Journal of American College Health*, 1–5.

<http://doi.org/10.1080/07448481.2016.1277730> Check with your local Library Service provider.

Kamal, N., Holodinsky, J. K., Stephenson, C., Kashayp, D., Demchuk, A. M., Hill, M. D., ... Smith, E. E. (2017). Improving Door-to-Needle Times for Acute Ischemic Stroke. *Circulation: Cardiovascular Quality and Outcomes*, 10(1), e003242.

<http://doi.org/10.1161/CIRCOUTCOMES.116.003242> Check with your local Library Service provider.

Kornhall, D. K., Jørgensen, J. J., Brommeland, T., Hyldmo, P. K., Asbjørnsen, H., Dolven, T., ... Jeppesen, E. (2017). The Norwegian guidelines for the prehospital management of adult trauma patients with potential spinal injury. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 25(1), 2.

<http://doi.org/10.1186/s13049-016-0345-x> Open Access@

- Kotsiou, O. S., Zarogiannis, S. G., & Gourgoulianis, K. I. (2017). Prehospital NSAIDs use prolong hospitalization in patients with pleuro-pulmonary infection. *Respiratory Medicine*, 123, 28–33. <http://doi.org/10.1016/j.rmed.2016.12.005> **Check with your local Library Service provider.**
- Kottmann, A., Marc, B., Mathieu, P., & Hermann, B. (2017). Avalanche Victim Resuscitation Checklist adaption to the 2015 ERC Resuscitation guidelines. *Resuscitation*, 0(0), e7–e8. <http://doi.org/10.1016/j.resuscitation.2017.01.008> **Check with your local Library Service provider.**
- Milne, M. S. W., Holodinsky, J. K., Hill, M. D., Nygren, A., Qiu, C., Goyal, M., & Kamal, N. (2017). Drip ‘n Ship Versus Mothership for Endovascular Treatment. *Stroke*, STROKEAHA.116.015321. <http://doi.org/10.1161/STROKEAHA.116.015321> **Check with your local Library Service provider.**
- Polito, C. C., Bloom, I., Yancey, A. H., Lairet, J. R., Isakov, A. P., Martin, G. S., ... Sevransky, J. E. (2016). Prehospital sepsis care: Understanding provider knowledge, behaviors, and attitudes. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2016.10.074> **Check with your local Library Service provider.**
- Purvis, T. A., Carlin, B., & Driscoll, P. (2017). The definite risks and questionable benefits of liberal pre-hospital spinal immobilisation. *The American Journal of Emergency Medicine*. <http://doi.org/10.1016/j.ajem.2017.01.045> **Check with your local Library Service provider.**
- Ravi, P. R., & Puri, B. (2017). Fluid resuscitation in haemorrhagic shock in combat casualties. *Disaster and Military Medicine*, 3(1), 2. <http://doi.org/10.1186/s40696-017-0030-2> **Open Access@**
- Redelmeier, D. A., & Raza, S. (2017). Life-threatening motor vehicle crashes in bright sunlight. *Medicine*, 96(1), e5710. <http://doi.org/10.1097/MD.00000000000005710> **Check with your local Library Service provider.**
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