



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



The aim of this Current Awareness Update is to provide a digest of information supporting evidence based practice in prehospital emergency services.

# This is an edited version of the update for SWASFT staff

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

With thanks to Matt Holland, North West Ambulance Service Librarian (on behalf of the National Ambulance Research Steering Group).

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.

The research papers have been arranged by the topic headings below: (Ctrl & Click on the heading to go straight to that section)

<u>Prehospital Practitioners – Professional Development</u>

**Prehospital Research – Methods and Discussion** 

**Diagnosis & Triage** 

**Patient Profile** 

**Helicopter Emergency Medical Services** 

**On-Scene Interventions** 

**Airway Management, Resuscitation & CPR** 

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#### Prehospital Practitioners – Roles, Professional Practice and Development

Abelsson, A. et al., 2018. Learning High-Energy Trauma Care Through Simulation. *Clinical Simulation in Nursing*, 17, pp.1–6.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Christopher, S.V.E., 2018. Students' perceptions of a flipped classroom approach to paramedic theory. British Paramedic Journal, 2(4), 1-9.

Available <u>here</u> to College of Paramedics members. Click <u>here</u> to access abstract, email library.mailbox@nhs.net to request fulltext

Dainty, K.N. et al., 2018. Home Visit-Based Community Paramedicine and Its Potential Role in Improving Patient-Centered Primary Care: A Grounded Theory Study and Framework. *Health Services Research*.

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David, J.S., Bouzat, P. & Raux, M., 2018. Evolution and organisation of trauma systems. *Anaesthesia Critical Care and Pain Medicine*.

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Donnelly, E.A. et al., 2017. Learning about behavioural emergencies: an evaluation of paramedic textbooks. *International Paramedic Practice*, 7(3), pp.37–41.

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Evrin, T., Kaminska, H. & Wieczorek, W., 2018. Paramedics attitudes toward endotracheal intubation. *The American Journal of Emergency Medicine*.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Gunn, A. & Renshaw, J., 2018. *The National Ambulance LGBT Network Conference 2017*, MA Healthcare Ltd.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Harmer, L. & Hignett, S., 2018. Smaller, lighter, faster? Reducing the carbon footprint of ambulances. *Journal of Paramedic Practice*, 10(3), pp.112–117.

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Hasler, R.M. et al., 2018. The dead and the dying - A difficult part of EMS transport: A Swiss cross-sectional study C. Lazzeri, ed. *PLoS ONE*, 13(2), p.e0191879.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Hersman, D.A.P. & Whitcomb, E.A., 2018. Fatigue Risk Management in High-Risk Environments: A Call to Action. *Prehospital Emergency Care*, 22(sup1), pp.1–2.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Hulldin, M. et al., 2018. Perceived exertion using two different EMS stretcher systems, report from a Swedish study. *The American Journal of Emergency Medicine*.

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Janka, A. & Duschek, S., 2018. Self-reported stress and psychophysiological reactivity in paramedics. *Anxiety, Stress, & Coping*, pp.1–16.

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Jarman, M.P. et al., 2018. Mapping areas with concentrated risk of trauma mortality. *Journal of Trauma and Acute Care Surgery*, p.1.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Johnson, T. et al., 2018. Intubations in elderly patients have decreased from 1999 through 2014-Results of a multi-center cohort study. *American Journal of Emergency Medicine*.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Kinney, M.O., Hunt, S.J. & McKenna, C., 2018. A self-completed questionnaire study of attitudes and perceptions of paramedic and prehospital practitioners towards acute seizure care in Northern Ireland. *Epilepsy & Behavior*, 81, pp.115–118.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Kao, Y.-H. et al., 2018. Factors associated with emergency services use in Taiwanese advanced cancer patients receiving palliative home care services during out-of-hours periods: A retrospective medical record study. *BMC Palliative Care*, 17(1), p.46.

Click here to access fulltext (free online as of 19/04/2018)

Lahiry, S. et al., 2018. Economic Evaluation of a Pre-Hospital Protocol for Patients with Suspected Acute Stroke. *Frontiers in Public Health*, 6, p.43.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Lau, H.S. et al., 2018. Qualitative Evaluation of the Coach Training within a Community Paramedicine Care Transitions Intervention. *Prehospital Emergency Care*, pp.1–8.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Maguire, B., 2018. Violence against ambulance personnel: a retrospective cohort study of national data from Safe Work Australia. *Public Health Research & Practice*, 28(1).

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

McKelvin, R., 2017. Pre-hospital medicine: South Africa vs. the United Kingdom. *International Paramedic Practice*, 7(3), pp.32–36.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Myers, J.B. et al., 2018. What an Evidence-based Guideline for Fatigue Risk Management Means for Us: Statements From Stakeholders. *Prehospital Emergency Care*, 22(sup1), pp.113–118. Click here to access fulltext (free online as of 19/04/2018)

Naylor, K. et al., 2018. Self-reported occupational blood exposure among paramedics in Poland; a pilot study. *International Journal of Occupational Safety and Ergonomics*, pp.1–21. Click here to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Nørregaard, A. et al., 2018. Safe transfer of simulation-based intubation skills to patients in cardiac arrest. *Journal of Paramedic Practice*, 10(3), pp.104–110.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Patterson, P.D. & Martin-Gill, C., 2018. Absence and Need for Fatigue Risk Management in Emergency Medical Services. *Prehospital Emergency Care*, 22(sup1), pp.6–8.

Click here to access fulltext (free online as of 19/04/2018)

Pocock et al. A clinical audit of the electronic data capture of dementia in ambulance service patient records. BPJ. 2, (4) 10-18.

Available <u>here</u> to College of Paramedics members. Click <u>here</u> to access abstract, email <u>library.mailbox@nhs.net</u> to request fulltext

Raatiniemi, L. & Brattebø, G., 2018. The challenge of ambulance missions to patients not in need of emergency medical care. *Acta Anaesthesiologica Scandinavica*.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Ross, E.M. et al., 2018. Stop the Bleed: The Effect of Hemorrhage Control Education on Laypersons' Willingness to Respond During a Traumatic Medical Emergency. *Prehospital and Disaster Medicine*, 33(2), pp.127–132.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Ross, E.M. et al., 2018. The Tourniquet Gap: A Pilot Study of the Intuitive Placement of Three Tourniquet Types by Laypersons. *Journal of Emergency Medicine*, 54(3), pp.307–314. Click <a href="here">here</a> to access fulltext- SWASFT Athens required (register <a href="here">here</a>). Click <a href="here">here</a> to access free abstract

Salerno, J.E., Weiss, L.S. & Salcido, D.D., 2018. Simulation of the Effects of Co-Locating Naloxone with Automated External Defibrillators. *Prehospital Emergency Care*, pp.1–6.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Tran, D.V. & North, C.S., 2018. The Association Between Dissatisfaction with Debriefing and Post-Traumatic Stress Disorder (PTSD) in Rescue and Recovery Workers for the Oklahoma City Bombing. *Disaster Medicine and Public Health Preparedness*, pp.1–5.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Villani, M. et al., 2018. Geographical variation of diabetic emergencies attended by prehospital Emergency Medical Services is associated with measures of ethnicity and socioeconomic status. *Scientific Reports*, 8(1), p.5122.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Yavari-Sartakhti, O. et al., 2018. Is a two-tiered prehospital response system, which engages an emergency physician relevant for less emergent patients? Preliminary data from an observational study with the Paris Fire Brigade. *Anaesthesia Critical Care & Pain Medicine*, 37(1), pp.79–80. Click <a href="here">here</a> to access fulltext- SWASFT Athens required (register <a href="here">here</a>). Click <a href="here">here</a> to access free abstract

Zhang, X. et al., 2018. Naloxone access for Emergency Medical Technicians: An evaluation of a training program in rural communities. *Addictive Behaviors*.

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#### Prehospital Research – Methods and Discussion

Bialy, L. et al., 2017. Pediatric Emergency Research Canada. *Pediatric Emergency Care*, p.1. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Craig, S. et al., 2018. Review article: A primer for clinical researchers in the emergency department: Part 6. Measuring what matters: Core outcome sets in emergency medicine research. *Emergency Medicine Australasia*.

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Newgard, C.D. et al., 2018. Out-of-Hospital Research in the Era of Electronic Health Records. *Prehospital Emergency Care*, pp.1–12.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Savelkoel, J. et al., 2018. Global impact of World Sepsis Day on digital awareness of sepsis: An evaluation using Google Trends. *Critical Care*, 22(1), p.61.

Click here to access fulltext (free online as of 19/04/2018)

#### Diagnosis and Triage

Bache, K.G. et al., 2018. Prehospital Advanced Diagnostics and Treatment of Acute Stroke: Protocol for a Controlled Intervention Study. *JMIR Research Protocols*, 7(2), p.e53.

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Cairo, S.B. et al., 2018. Prehospital education in triage for pediatric and pregnant patients in a regional trauma system without collocated pediatric and adult trauma centers. *Journal of Pediatric Surgery*.

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Chang, B.L. et al., 2018. Variations in Cardiac Arrest Regionalization in California. *Western Journal of Emergency Medicine*, 19(2), pp.8–10.

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Haniffa, R., Beane, A. & Dondorp, A.M., 2018. Decision-making in the detection and management of patients with sepsis in resource-limited settings: the importance of clinical examination. *Critical care (London, England)*, 22(1), pp.1–2.

Click here to access fulltext (free online as of 19/04/2018)

Kneihsl, M. et al., 2018. Stroke Referrals from Nursing Homes: High Rate of Mimics and Late Presentation. *Cerebrovascular Diseases*, pp.109–114.

Click <u>here</u> to access abstract, email <u>library.mailbox@nhs.net</u> to request fulltext

Miyamoto, K. et al., 2018. Prehospital quick sequential organ failure assessment as a tool to predict in-hospital mortality. *The American Journal of Emergency Medicine*.

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Mould-Millman, N.-K. et al., 2018. Accuracy of Prehospital Identification of Stroke in a Large Stroke Belt Municipality. *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*, pp.1–9.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Pellerin, G., Gao, K. & Kaminsky, L., 2018. Predicting 72-hour emergency department revisits. *The American Journal of Emergency Medicine*, 36(3), pp.420–424.

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Recznik, C.T. & Simko, L.M., 2018. Pediatric triage education: An integrative literature review. *Journal of Emergency Nursing*, 0(0).

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Romano, V., 2018. Applicable scales for use in the pre-hospital setting. *Journal of Paramedic Practice*, 10(3), pp.129–130.

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Sholl, B., 2018. Cervical Spine Evaluation and Clearance in the Intoxicated Patient: A Prospective Western Trauma Association Multi-Institutional Trial and Survey. *The Journal of Emergency Medicine*, 54(3), p.391.

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St. John, A. et al., 2018. Prehospital Lactate Predicts Need for Resuscitative Care in Non-hypotensive Trauma Patients. *Western Journal of Emergency Medicine*, 19(2), pp.224–231 Click <a href="https://example.com/here">here</a> to access fulltext (free online as of 19/04/2018)

Smit, B. et al., 2018. Hemodynamic effects of acute hyperoxia: systematic review and meta-analysis. *Critical Care*, 22(1), p.45.

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Swan, K.L., Avard, B.J. & Keene, T., 2018. The relationship between elevated prehospital point-of-care lactate measurements, intensive care unit admission, and mortality: A retrospective review of adult patients. *Australian Critical Care*.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

van Gaal, S. & Demchuk, A., 2018. Clinical and Technological Approaches to the Prehospital Diagnosis of Large Vessel Occlusion. *Stroke*, 49(4), pp.1036–1043.

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Williams, T. et al., 2018. Prehospital vital signs to predict 7-day mortality for patients transported to ED by emergency ambulance services: A cohort study. *Australian Critical Care*, 31(2), p.119. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Yavari-Sartakhti, O. et al., 2018. A New Triage Support Tool in Case of Explosion. *Prehospital and Disaster Medicine*, 33(2), pp.1–2.

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Young, A.M.H. et al., 2018. Pre-hospital Predictors of Impaired ICP Trends in Continuous Monitoring of Paediatric Traumatic Brain Injury Patients. In *Acta Neurochirurgica, Supplementum*. pp. 7–10. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">history.mailbox@nhs.net</a> to request fulltext

Zhao, H. et al., 2018. Ambulance Clinical Triage for Acute Stroke Treatment. *Stroke*, 49(4), pp.945–951.

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#### **Patient Profile**

#### **Older People**

Andreasen, J. et al., 2018. Associations and predictions of readmission or death in acutely admitted older medical patients using self-reported frailty and functional measures. A Danish cohort study. *Archives of Gerontology and Geriatrics*, 76, pp.65–72.

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Inouye, S.K., 2018. Delirium—A Framework to Improve Acute Care for Older Persons. *Journal of the American Geriatrics Society*, 66(3), pp.446–451.

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Namboodri, B.L. et al., 2018. Elder Abuse Identification in the Prehospital Setting: An Examination of State Emergency Medical Services Protocols. *Journal of the American Geriatrics Society*.

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Nowak, K. et al., 2018. Emergency services response to elder abuse and neglect – Then and now. *The American Journal of Emergency Medicine*.

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#### Helicopter Emergency Medical Services

DeForest, C.A. et al., 2018. An Evaluation of Navy En Route Care Training Using a High-Fidelity Medical Simulation Scenario of Interfacility Patient Transport. *Military Medicine*.

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Dotson, M.P. et al., 2018. Air Medical Simulation Training: A Retrospective Review of Cost and Effectiveness. *Air Medical Journal*, 37(2), pp.131–137.

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Funder, K.S. et al., 2018. Helicopter vs. ground transportation of patients bound for primary percutaneous coronary intervention. *Acta Anaesthesiologica Scandinavica*, 62(4), pp.568–578. Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Ketelaars, R. et al., 2018. Prehospital Echocardiography During Resuscitation Impacts Treatment in a Physician-Staffed Helicopter Emergency Medical Service: an Observational Study. *Prehospital Emergency Care*, pp.1–8.

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Matthews, B., 2018. Pulse oximetry: SpO2 and SaO2. *Journal of Paramedic Practice*, 10(3), pp.126–128.

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Nolan, B. et al., 2018. Canceled to Be Called Back: A Retrospective Cohort Study of Canceled Helicopter Emergency Medical Service Scene Calls That Are Later Transferred to a Trauma Center. *Air Medical Journal*, 37(2), pp.108–114.

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Phipps, M., Conley, V. & Constantine, W.H., 2018. Exploration of a Preflight Acuity Scale for Fixed Wing Air Ambulance Transport. *Air Medical Journal*, 37(2), pp.99–103.

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Snow, R.W. et al., 2018. Benefit of Critical Care Flight Paramedic-Trained Search and Rescue Corpsmen in Treatment of Severely Injured Aviators. *Journal of special operations medicine : a peer reviewed journal for SOF medical professionals*, 18(1), pp.19–22.

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Staple, L. et al., 2018. Paramedic Learning Style Preferences and Continuing Medical Education Activities: A Cross-Sectional Survey Study. *Journal of allied health*, 47(1), pp.51–57. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Ward, P. & Gryniuk, J., 2018. The Role of the Paramedic in Transport Medicine and Crew Resource Management. *Air Medical Journal*, 37(2), pp.96–98.

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#### On-Scene Interventions

Booth, C. & Allard, S., 2018. Major haemorrhage protocols. *ISBT Science Series*. Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Bores, S.A. et al., 2018. The Association of Prehospital Intravenous Fluids and Mortality in Patients with Penetrating Trauma. *The Journal of Emergency Medicine*.

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Boutonnet, M. et al., 2018. Tranexamic acid in severe trauma patients managed in a mature trauma care system. *Journal of Trauma and Acute Care Surgery*, p.1.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Chippendale, J., et al. 2018. The feasibility of paramedics delivering antibiotic treatment pre-hospital to 'red flag' sepsis patients: a service evaluation. British Paramedic Journal, 2(4), 19-24(6). Available <a href="https://example.com/here">here</a> to College of Paramedics members. Click <a href="here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Cowley, A., et al. 2018. A retrospective analysis of ketamine administration by critical care paramedics in a pre-hospital care setting. British Paramedic Journal, 2(4), 25-31.

Available <a href="mailto:here">here</a> to College of Paramedics members. Click <a href="here">here</a> to access abstract, email <a href="mailto:hiprary.mailbox@nhs.net">hiprary.mailbox@nhs.net</a> to request fulltext

David, J.-S., Wey, P.-F. & Peyrefitte, S., 2018. Prehospital Blood Product Transfusion and Combat Injury Survival. *JAMA*, 319(11), p.1166.

Click <u>here</u> to access abstract, email <u>library.mailbox@nhs.net</u> to request fulltext

El-Menyar, A. et al., 2018. Efficacy of prehospital administration of tranexamic acid in trauma patients: A meta-analysis of the randomized controlled trials. *The American Journal of Emergency Medicine*.

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Chakrabarti, B. et al., 2018. The association between pre-hospital antibiotic therapy and subsequent in-hospital mortality in adults presenting with community-acquired pneumonia: an observational study. *Pneumonia (Nathan Qld.)*, 10, p.2.

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Dickson, J.M., Asghar, Z.B. & Siriwardena, A.N., 2018. Pre-hospital ambulance care of patients following a suspected seizure: A cross sectional study. *Seizure*, 57, pp.38–44.

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El Zahran, T. & El Sayed, M., 2018. Prehospital Ultrasound in Trauma: A Review of Current and Potential Future Clinical Applications. *Journal of Emergencies, Trauma, and Shock*, 11(1), p.4. Click here to access fulltext (free online as of 19/04/2018)

Grabmaier, U. et al., 2018. Association between survival and non-selective prehospital aspirin and heparin administration in patients with out-of-hospital cardiac arrest: a propensity score-matched analysis. *Intensive Care Medicine*.

Click here to access fulltext (free online as of 19/04/2018)

Jarvis, J.L. et al., 2018. Implementation of a Clinical Bundle to Reduce Out-of-Hospital Peri-intubation Hypoxia. *Annals of Emergency Medicine*.

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Loner, C. et al., 2018. Accuracy of Intravenous Infusion Flow Regulators in the Prehospital Environment. *Prehospital Emergency Care*, pp.1–5.

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Lyon, R.F. et al., 2018. Successful Use of Ketamine as a Prehospital Analgesic by Pararescuemen During Operation Enduring Freedom. *Journal of special operations medicine : a peer reviewed journal for SOF medical professionals*, 18(1), pp.70–73.

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McGinity, A.C. et al., 2018. Pre-hospital Low Titer Cold Stored Whole Blood. *Journal of Trauma and Acute Care Surgery*, p.1.

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Michels, G. & Pfister, R., 2018. Point-of-care ultrasound use in patients with cardiac arrest: More harmful than useful? *Resuscitation*, 124, p.e21.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Misasi, A. et al., 2018. Prehospital Extrication Techniques: Neurological Outcomes Associated with the Rapid Extrication Method and the Kendrick Extrication Device. *The American surgeon*, 84(2), pp.248–253.

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Mitchell, S.J. et al., 2018. Pre-hospital management of decompression illness: expert review of key principles and controversies. *Diving and hyperbaric medicine*, 48(1), pp.45–55. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:hiprary.mailbox@nhs.net">hiprary.mailbox@nhs.net</a> to request fulltext

Nevins, E.J. et al., 2018. Should pre-hospital resuscitative thoracotomy be reserved only for penetrating chest trauma? *European Journal of Trauma and Emergency Surgery*. Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Nakashima, T. & Tahara, Y., 2018. Achieving the earliest possible reperfusion in patients with acute coronary syndrome: a current overview. *Journal of Intensive Care*, 6(1), p.20. Click <a href="https://example.com/here">here</a> to access fulltext (free online as of 19/04/2018)

Nuño, T. et al., 2018. Reply to: Prehospital Intubation: Further Confounders in Trial Results. *Prehospital Emergency Care*, p.1.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Page, C.B. et al., 2018. A Prospective Before and After Study of Droperidol for Prehospital Acute Behavioral Disturbance. *Prehospital Emergency Care*, pp.1–9.

Click <u>here</u> to access abstract, email <u>library.mailbox@nhs.net</u> to request fulltext

Quinten, V.M. et al., 2018. Prehospital antibiotics for sepsis: beyond mortality? *The Lancet Respiratory Medicine*, 6(3), p.e8.

Click here to access fulltext (free online as of 19/04/2018)

Schauer, S.G. et al., 2018. Prehospital Interventions Performed on Pediatric Trauma Patients in Iraq and Afghanistan. *Prehospital Emergency Care*, pp.1–6.

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Shackelford, S.A. & Del Junco, D.J., 2018. Prehospital Blood Product Transfusion and Combat Injury Survival-Reply. *JAMA*, 319(11), pp.1167–1168.

Click <u>here</u> to access abstract, email <u>library.mailbox@nhs.net</u> to request fulltext

Simpson, S.Q., 2018. Prehospital Antibiotics for Sepsis. *Chest*, 153(3), pp.588–589. Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Sayeed, I. et al., 2018. Prehospital Intubation: Further Confounders in Trial Results. *Prehospital Emergency Care*, 3127, pp.1–2.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Teixeira, P.G.R. et al., 2018. Civilian Prehospital Tourniquet Use Is Associated with Improved Survival in Patients with Peripheral Vascular Injury. *Journal of the American College of Surgeons*. Click <a href="here">here</a> to access fulltext- SWASFT Athens required (register <a href="here">here</a>). Click <a href="here">here</a> to access free abstract

Tallon, J.M., 2018. Trauma systems and emergency medical services: The missing link for tranexamic acid utilization in major trauma. *CJEM*, 20(2), pp.167–169.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Thabouillot, O. et al., 2018. How many patients could benefit from REBOA in prehospital care? A retrospective study of patients rescued by the doctors of the Paris fire brigade. *Journal of the Royal Army Medical Corps*, p.jramc-2018-000915.

Click here to access abstract, email library.mailbox@nhs.net to request fulltext

#### Airway Management, Resuscitation & CPR

Blackburn, M.B. et al., 2018. Prehospital Airway Procedures Performed in Trauma Patients by Ground Forces in Afghanistan. *Journal of Trauma and Acute Care Surgery*, p.1.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbo">library.mailbo</a> <a href="mailto:mere">here</a> to request fulltext

Dicker, B. et al., 2018. Incidence and outcomes of out-of-hospital cardiac arrest: A New Zealand perspective. *Emergency Medicine Australasia*.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

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

Dobbie, F. et al., 2018. Attitudes towards bystander cardiopulmonary resuscitation: Results from a cross-sectional general population survey C. Lazzeri, ed. *PLoS ONE*, 13(3), p.e0193391. Click here to access fulltext (free online as of 19/04/2018)

Duchatelet, C. et al., 2018. Chest compressions during ventilation in out-of- hospital cardiac arrest cause reversed airflow. *Resuscitation*, 0(0).

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Evrin, T. & Madziala, M., 2018. iGEL vs laryngeal tube for airway management during a normal airway scenario. *The American Journal of Emergency Medicine*.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Ewy, G.A., 2018. The mechanism of blood flow during chest compressions for cardiac arrest is probably influenced by the patient's chest configuration. *Acute Medicine & Surgery*. Click here to access fulltext (free online as of 19/04/2018)

Hansen, M. et al., 2018. Time to Epinephrine Administration and Survival from Non-Shockable Out-of-Hospital Cardiac Arrest Among Children and Adults. *Circulation*, p.CIRCULATIONAHA.117.033067. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Liu, Y. et al., 2018. CPR feedback/prompt device improves the quality of hands-only CPR performed in manikin by laypersons following the 2015 AHA guidelines. *American Journal of Emergency Medicine*.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Long, B. et al., 2018. Echocardiography in cardiac arrest: An emergency medicine review. *The American Journal of Emergency Medicine*, 36(3), pp.488–493.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

McGovern, S.K. et al., 2018. Characterizing barriers to CPR training attainment using Twitter. *Resuscitation*, 0(0).

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Masuda, J. et al., 2018. Rural-Urban Disparity in Emergency Care for Acute Myocardial Infarction in Japan. *Circulation Journal*.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Moore, C. et al., 2018. Prehospital recognition and antibiotics for 999 patients with sepsis: protocol for a feasibility study. *Pilot and Feasibility Studies*, 4(1), p.64.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Ong, M.E.H., Perkins, G.D. & Cariou, A., 2018. Out-of-hospital cardiac arrest: prehospital management. *The Lancet*, 391(10124), pp.980–988.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Sato, R. et al., 2018. Impact of rapid response car system on ECMO in out-of-hospital cardiac arrest: A retrospective cohort study. *American Journal of Emergency Medicine*, 36(3), pp.442–445. Click <a href="https://example.com/here">here</a> to access fulltext- SWASFT Athens required (register <a href="here">here</a>). Click <a href="here">here</a> to access free abstract

Schnaubelt, S. et al., 2018. Public access defibrillation is insufficiently available in rural regions – When layperson efforts meet a lack of device distribution. *Resuscitation*, 0(0). Click here to access fulltext (free online as of 19/04/2018)

Singer, A.J. et al., 2018. Cerebral oximetry versus end tidal CO2in predicting ROSC after cardiac arrest. *American Journal of Emergency Medicine*, 36(3), pp.403–407.

Click <u>here</u> to access fulltext- SWASFT Athens required (register <u>here</u>). Click <u>here</u> to access free abstract

Singer, B. et al., 2018. Pre-hospital extra-corporeal cardiopulmonary resuscitation. *Scandinavian journal of trauma, resuscitation and emergency medicine*, 26(1), p.21. Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Takayama, W. et al., 2018. The Association between Cardiopulmonary Resuscitation in Out-of-Hospital Settings and Chest Injuries: A Retrospective Observational Study. *Prehospital and Disaster Medicine*, 33(2), pp.171–175.

Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:library.mailbox@nhs.net">library.mailbox@nhs.net</a> to request fulltext

Tarpgaard, M., 2018. Response to: pre-hospital advanced airway management in children: a challenge that training can handle. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, 26(1), p.18.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Trimmel, H. et al., 2018. Success rates of pre-hospital difficult airway management: a quality control study evaluating an in-hospital training program. *International Journal of Emergency Medicine*, 11(1), p.19.

Click <u>here</u> to access fulltext (free online as of 19/04/2018)

Tsuchida, R.E. & Meurer, W.J., 2018. More questions than answers - ALS interventions for out of hospital cardiac arrest. *American Journal of Emergency Medicine*, 36(3), pp.498–500. Click <a href="https://example.com/here">here</a> to access fulltext- SWASFT Athens required (register <a href="here">here</a>). Click <a href="here">here</a> to access free abstract

Wang, T.H. et al., 2018. The utilization of automated external defibrillators in Taiwan. *Journal of the Formosan Medical Association*.

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 Roberts, J. (2019) <u>Roberts and Hedges' clinical procedures in emergency medicine and acute</u> <u>care</u>. 7th ed. Philadelphia, Pa: Elsevier.

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