



### Prehospital Emergency Services Current Awareness Update Issue 50, August 2017

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 50, Aug 2017

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>

<u>Prehospital Research – Methods and Discussion</u>

**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

Abdullah, L., Adawiyah, C.W.R. & Kamal, C.W., 2017. A decision making method based on interval type-2 fuzzy sets: An approach for ambulance location preference. Applied Computing and Informatics.

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Blodgett, J.M. et al., 2017. An alternative model of pre-hospital care for 999 patients who require non-emergency medical assistance. International Journal of Emergency Services, 6(2), pp.99–103. 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

Booker, M.J., Purdy, S. & Shaw, A.R.G., 2017. Seeking ambulance treatment for "primary care" problems: a qualitative systematic review of patient, carer and professional perspectives. BMJ Open, 7(8), p.e016832.

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Carr, G. et al., 2017. Durham and Cleveland police firearms unit tactical team medics: lessons from the first six years. Journal of Paramedic Practice, 9(8), pp.330–333.

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Cournoyer, A. et al., 2017. Potential Impact of a Prehospital Redirection System for Refractory Cardiac Arrest. 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

Duffy, I. & Jones, C., 2017. Exploratory study into the views of paramedics on paramedic prescribing. Journal of Paramedic Practice, 9(7), pp.296–301.

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Ebben, R.H.A. et al., 2017. A patient-safety and professional perspective on non-conveyance in ambulance care: a systematic review. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 25(1), p.71.

Click <u>here</u> to access fulltext (free online as of 21/08/2017)

Fischer, S.L., Sinden, K.E. & MacPhee, R.S., 2017. Identifying the critical physical demanding tasks of paramedic work: Towards the development of a physical employment standard. Applied Ergonomics, 65, pp.233–239.

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Garner, A., 2017. Pre-hospital and retrieval medicine clinical governance in Sydney and the inconvenient truth. Emergency Medicine Australasia.

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Garrett, A., Drake, S.A. & Holcomb, J.B., 2017. Effects of a Systematic Quality Improvement Process to Decrease Complications in Trauma Patients With Prehospital Peripheral Intravenous Access. Journal of Trauma Nursing, 24(4), pp.236–241.

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

Garus-Pakowska, A., Górajski, M. & Szatko, F., 2017. Awareness of the Risk of Exposure to Infectious Material and the Behaviors of Polish Paramedics with Respect to the Hazards from Blood-Borne Pathogens—A Nationwide Study. International Journal of Environmental Research and Public Health, 14(8), p.843.

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Harmsen, A.M.K. et al., 2017. National consensus on communication in prehospital trauma care, the DENIM study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 25(1), p.67. Click <a href="here">here</a> to access fulltext (free online as of 21/08/2017)

Hosseini, M. et al., 2017. Towards Physiology-Aware DASH: Bandwidth-Compliant Prioritized Clinical Multimedia Communication in Ambulances.

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Jaffe, E. et al., 2017. Paramedics declare death – A lifesaving decision. Health Policy and Technology. Click <a href="https://example.com/here">here</a> to access abstract, email <a href="https://example.com/his.net">history.mailbox@nhs.net</a> to request fulltext

Jennings, K., 2017. Emotional labour in paramedic practice: student awareness of professional demands. Journal of Paramedic Practice, 9(7), pp.288–294.

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Kim, S. et al., 2017. Preventive effects of motorcycle helmets on intracranial injury and mortality from severe road traffic injuries. American Journal of Emergency Medicine, Corrected.

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Lauria, M.J. et al., 2017. The 5 T's: Applying Cognitive Science to Improve Prehospital Medical Education. Air Medical Journal, 36(4), pp.198–202.

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Liu, R. et al., 2017. The relationship between airborne fine particle matter and emergency ambulance dispatches in a southwestern city in Chengdu, China. Environmental Pollution, 229, pp.661–667. 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

Marco, C.A. et al., 2017. Advance directives in emergency medicine: Patient perspectives and application to clinical scenarios. The American Journal of Emergency Medicine.

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Nilsson, C. et al., 2017. Responsibility and compassion in prehospital support to survivors of suicide victim - Professionals' experiences. International emergency nursing, 48, pp.187–194. Click here to access fulltext (free online as of 21/08/2017)

Rosén, H. et al., 2017. "A call for a clear assignment" – A focus group study of the ambulance service in Sweden, as experienced by present and former employees. International Emergency Nursing. Click here to access abstract, email library.mailbox@nhs.net to request fulltext

Rosenman, E.D. et al., 2017. A simulation-based approach to measuring team situational awareness in emergency medicine: A multicenter, observational study. Academic Emergency Medicine. 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

Seida, Y.A.M. et al., 2017. Hepatitis-C Virus Infection and Exposure to Blood and Body Fluids among Nurses and Paramedical Personnel at the Alexandria University Hospitals, Egypt. Alexandria Journal of Medicine.

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Senthilkumaran, S. et al., 2017. Social media for health care education - Can it make a difference? The American Journal of Emergency Medicine.

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Sibley, A.K. et al., 2017. Cut and rip and cut alone techniques versus usual practice in the removal of trauma patient clothing. CJEM, pp.1–6.

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Simon, J.R. et al., 2017. "Futile Care"—An Emergency Medicine Approach: Ethical and Legal Considerations. Annals of Emergency Medicine.

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Townsend, R., Baron, A. & Townsend, R., 2017. Live tweeting by ambulance services: a growing concern. Journal of Paramedic Practice, 9(July), pp.282–286.

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Valento, M. & Lebin, J., 2017. Emerging Drugs of Abuse: Synthetic Cannabinoids, Phenylethylamines (2C Drugs), and Synthetic Cathinones. Clinical Pediatric Emergency Medicine.

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Yoon, S. & Albert, L.A., 2017. An expected coverage model with a cutoff priority queue. Health Care Management Science.

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#### Prehospital Research – Methods and Discussion

Lockey, D.J., 2017. Research questions in pre-hospital trauma care. PLOS Medicine, 14(7), p.e1002345.

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#### **Diagnosis and Triage**

Barelds, I. et al., 2017. Diagnostic Accuracy of Clinical Decision Rules to Exclude Fractures in Acute Ankle Injuries: Systematic Review and Meta-analysis. The Journal of Emergency Medicine. 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

Both, C.P. et al., 2017. How Accurate Are Pediatric Emergency Tapes? A Comparison of 4 Emergency Tapes With Different Length-Based Weight Categorization. Pediatric Emergency Care, p.1. Click <a href="https://example.com/here">here</a> to access abstract, email <a href="https://example.com/here">history.mailbox@nhs.net</a> to request fulltext

Buse, S. et al., 2017. The impact of hypothermia on serum potassium concentration: A systematic review. Resuscitation, 118, pp.35–42.

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Greenslade, J.H. et al., 2017. Validating the Manchester Acute Coronary Syndromes (MACS) and Troponin-only Manchester Acute Coronary Syndromes (T-MACS) rules for the prediction of acute myocardial infarction in patients presenting to the emergency department with chest pain. Emergency medicine journal: EMJ, 34(8), pp.1–7.

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Haydar, S. et al., 2017. Comparison of qSOFA score and SIRS criteria as screening mechanisms for emergency department sepsis. The American Journal of Emergency Medicine.

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Hazeldine, J. et al., 2017. Prehospital immune responses and development of multiple organ dysfunction syndrome following traumatic injury: A prospective cohort study M. Schreiber, ed. PLOS Medicine, 14(7), p.e1002338.

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Kim, D.W., Jeong, K.Y. & Kim, K.S., 2017. Psychological scales as predictors of emergency department hospitalizations in suicide attempters. The American Journal of Emergency Medicine.

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Kim, Y.J. et al., 2017. Utility of the simplified Wells and revised Geneva scores to exclude pulmonary embolism in femur fracture patients. American Journal of Emergency Medicine, 35(8), pp.1131–1135.

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Pride, G.L. et al., 2016. Prehospital care delivery and triage of stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of Neurointerventional Surgery. Journal of NeuroInterventional Surgery, 9(8), p.neurintsurg-2016-012699.

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Seno, S. et al., 2017. The Relationship between Functional Outcome and Prehospital Time Interval in Patients with Cerebral Infarction. Journal of Stroke and Cerebrovascular Diseases.

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Shaw, J. et al., 2017. Can the prehospital National Early Warning Score identify patients most at risk from subsequent deterioration? Emergency Medicine Journal, 34(8), p.emermed-2016-206115. 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

Sibson, L., 2017. Stroke assessment and management in pre-hospital settings. Journal of Paramedic Practice, 9(8), pp.354–361.

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Tsai, L.-H. et al., 2017. Comparison of prehospital triage and five-level triage system at the emergency department. Emergency Medicine Journal, p.emermed-2015-205304.

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Villani, M. et al., 2017. Utilisation of prehospital emergency medical services for hyperglycaemia: A community-based observational study F. Zaccardi, ed. PLOS ONE, 12(8), p.e0182413. Click here to access fulltext (free online as of 21/08/2017)

Winkler, M.S. et al., 2017. Markers of nitric oxide are associated with sepsis severity: an observational study. Critical Care, 21(1), p.189.

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#### **Patient Profile**

#### Children

Kissoon, N., 2017. Understanding fluid administration approaches in children with co-morbidities and septic shock. Critical Care, 21(1), p.204.

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Lee, S.U. et al., 2017. Epidemiology of prehospital emergency medical service use in Korean children. Clinical and Experimental Emergency Medicine, 4(2), pp.102–108.

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#### **Older People**

Anon, Major Trauma in Older People - 2017 Report by The Trauma Audit & Description Research Network - issuu.

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Cesari, M., Calvani, R. & Marzetti, E., 2017. Frailty in Older Persons. Clinics in Geriatric Medicine, 33(3), pp.293–303.

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Frost, R. et al., 2017. Health promotion interventions for community-dwelling older people with mild or pre-frailty: A systematic review and meta-analysis. BMC Geriatrics, 17(1), p.[in press].

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Rosen, T. et al., 2017. Emergency Medical Services Perspectives on Identifying and Reporting Victims of Elder Abuse, Neglect, and Self-Neglect. The Journal of Emergency Medicine.

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Sánchez-García, S. et al., 2017. Frailty in community-dwelling older adults: association with adverse outcomes. Clinical Interventions in Aging, 12, pp.1003–1011.

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#### **Transgender**

Samuels, E.A. et al., 2017. "Sometimes You Feel Like the Freak Show": A Qualitative Assessment of Emergency Care Experiences Among Transgender and Gender-Nonconforming Patients. Annals of Emergency Medicine.

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#### **Helicopter Emergency Medical Services**

Delorenzo, A.J. et al., 2017. Characteristics of Fixed Wing Air Ambulance Transports in Victoria, Australia. Air Medical Journal, 36(4), pp.173–178.

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Neagle, G. et al., 2017. Epidemiology and location of primary retrieval missions in a Scottish aeromedical service. European Journal of Emergency Medicine, p.1.

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Paul, B., 2017. Performance Psychology in Medicine symposium hosted by London's Air Ambulance. Journal of Paramedic Practice, 9(8), pp.328–329.

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Schober, P., Bossers, S.M. & Schwarte, L.A., 2017. Clinical Study Intracranial Hematoma Detection by Near Infrared Spectroscopy in a Helicopter Emergency Medical Service: Practical Experience. BioMed Research International, 2017, pp.1–6.

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Sunde, G.A. et al., 2017. Hypoxia and hypotension in patients intubated by physician staffed helicopter emergency medical services - a prospective observational multi-centre study. BMC Emergency Medicine, 17(1), pp.1–10.

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#### **On-Scene Interventions**

\*\*\*SWASFT authors\*\*\*Brandling, J. et al., 2017. Emergency medical service provider decision-making in out of hospital cardiac arrest: an exploratory study. BMC Emergency Medicine, 17(1), p.24. Click <a href="here">here</a> to access fulltext (free online as of 21/08/2017)

#### PLOS Medicine Special Issue – Traumatic Injury

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Abelairas-Gómez, C. et al., 2017. Prehospital Emergency Medicine at the Beach: What Is the Effect of Fins and Rescue Tubes in Lifesaving and Cardiopulmonary Resuscitation After Rescue? Wilderness & Environmental Medicine.

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Aksel, G., 2017. Effects of spinal immobilization at a 20° angle on cerebral oxygen saturations measured by INVOSTM. The American Journal of Emergency Medicine.

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Appleton, J.P. et al., 2017. Ambulance-delivered transdermal glyceryl trinitrate versus sham for ultra-acute stroke: Rationale, design and protocol for the Rapid Intervention with Glyceryl trinitrate in Hypertensive stroke Trial-2 (RIGHT-2) trial (ISRCTN26986053). International Journal of Stroke, p.174749301772462.

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Baombe, J.P. & Howard, L., 2017. BET 1: Lidocaine with propofol to reduce pain on injection. Emergency Medicine Journal, 34(8), p.551.2-552.

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Blair, H.A. & Frampton, J.E., 2017. Methoxyflurane inhalation vapour in trauma pain: a profile of its use in the EU. Drugs & Therapy Perspectives, pp.1–6.

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Chadkirk, R., 2017. Pre-hospital management of pain associated with an acute sickle cell crisis. Journal of Paramedic Practice, 9(7), pp.312–315.

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

Fevang, E. et al., 2017. A systematic review and meta-analysis comparing mortality in pre-hospital tracheal intubation to emergency department intubation in trauma patients. Critical Care, 21(1), p.192.

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Hajimaghsoudi, M. et al., 2017. A novel method for epistaxis management: Randomized clinical trial comparing nose clip with manual compression. The American Journal of Emergency Medicine. 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

Klebacher, R. et al., 2017. Incidence of Naloxone Redosing in the Age of the New Opioid Epidemic. Prehospital Emergency Care, pp.1–6.

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Li, H.-X. et al., 2017. Comparing Direct and Video Laryngoscopy for Prehospital Intubation: Can Meta-Analysis Provide an Exact Solution? Academic emergency medicine: official journal of the Society for Academic Emergency Medicine.

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

McIntosh, J., 2017. Ocular management for CS gas exposure: exploring treatment in the pre-hospital setting. Journal of Paramedic Practice, 9(8), pp.340–346.

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Morton Hamer, M.J. & Faught, S.K., 2017. Is Early Goal-Directed Therapy or Standard Therapy More Effective in Decreasing Mortality Among Patients With Sepsis? Annals of Emergency Medicine. Click <a href="https://example.com/here">here</a> to access fulltext (free online as of 21/08/2017)

Oliveira J. e Silva, L. et al., 2017. Effectiveness of Apneic Oxygenation During Intubation: A Systematic Review and Meta-analysis. Annals of Emergency Medicine, 60, p.749–754.e742.

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Reid, C., Hayes-Bradley, C. & Burns, B., 2017. Pre-hospital pre-oxygenation strategies. Anaesthesia, 72(8), pp.1038–1039.

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Sigal, A., Martin, A. & Ong, A., 2017. Availability and use of hemostatic agents in prehospital trauma patients in Pennsylvania translation from the military to the civilian setting. Open Access Emergency Medicine, Volume 9, pp.47–52.

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Smereka, J. et al., 2017. C-MAC compared with direct laryngoscopy for intubation in patients with cervical spine immobilization: A manikin trial. American Journal of Emergency Medicine, 35(8), pp.1142–1146.

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Wang, H.E., 2017. The (Continued) Challenges of Out-of-Hospital Rapid Sequence Intubation. Annals of Emergency Medicine.

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Xie, Z. et al., 2017. Sedation effects of intranasal dexmedetomidine delivered as sprays versus drops on pediatric response to venous cannulation. American Journal of Emergency Medicine, 35(8), pp.1126–1130.

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#### Airway Management, Resuscitation & CPR

Beskind, D.L. et al., 2017. Viewing an Ultra-Brief Chest Compression Only Video Improves some measures of Bystander CPR Performance and Responsiveness at a Mass Gathering Event. Resuscitation, 118, pp.96–100.

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Boland, L.L. et al., 2017. Minnesota Heart Safe Communities: Are community-based initiatives increasing pre-ambulance CPR and AED use? Resuscitation, 0(0).

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Cohen, J.G. et al., 2017. Asphyxia after complete avalanche burial: A new paradigm [Letter]. Resuscitation, 135(0), pp.2426–2441.

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Elmer, J. & Weisgerber, A., 2017. Saving lives despite "failed" extracorporeal resuscitation. Resuscitation, 118(0), pp.A5–A6.

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Fabris, E. et al., 2017. Long-term mortality and prehospital tirofiban treatment in patients with ST elevation myocardial infarction. Heart, p.heartjnl-2017-311181.

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Ferraro, D.M., McCann, E.T. & Bell, D.G., 2017. Airway Management in Combat Trauma. Current Pulmonology Reports.

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Haas, N.L. et al., 2017. Descriptive Analysis of Extracorporeal Cardiopulmonary Resuscitation Following Out-of-Hospital Cardiac Arrest – An ELSO Registry Study. Resuscitation, 0(0).

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Hobson, M., 2017. Which resuscitated patients benefit from PPCI after out of hospital cardiac arrest? Journal of Paramedic Practice, 9(7), pp.302–310.

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Hughes, A., Johnson, N.J. & Mazor, S.S., 2017. Extracorporeal life support: Indications and use in severely poisoned patients. Clinical Pediatric Emergency Medicine.

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Huis in 't Veld, M.A. et al., 2017. Ultrasound use during cardiopulmonary resuscitation is associated with delays in chest compressions. Resuscitation, 128(0), pp.417–435.

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Idris, A.H. et al., 2017. 2015 revised Utstein-style recommended guidelines for uniform reporting of data from drowning-related resuscitation. An ILCOR advisory statement. Resuscitation, 17(0), pp.441–467.

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Ji, C. et al., 2017. Post-admission outcomes of participants in the PARAMEDIC trial: A cluster randomised trial of mechanical or manual chest compressions. Resuscitation, 118, pp.82–88. 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

Jo, C.H., Cho, G.C. & Lee, C.H., 2017. Two-Thumb Encircling Technique Over the Head of Patients in the Setting of Lone Rescuer Infant CPR Occurred During Ambulance Transfer. Pediatric Emergency Care, 33(7), pp.462–466.

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

Jordan, M.R. et al., 2017. Implementation of the universal BLS termination of resuscitation rule in a rural EMS system. Resuscitation, 118, pp.75–81.

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Karam, N. et al., 2017. Major Regional Differences in Automated External Defibrillator Placement and Basic Life Support Training Exposure in France: Further Needs for Coordinated Implementation. Resuscitation, 118, pp.49–54.

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Kuisma, M. et al., 2017. Delayed return of spontaneous circulation (the Lazarus phenomenon) after cessation of out-of-hospital cardiopulmonary resuscitation. Resuscitation, 118, pp.107–111. 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

Nehme, Z. et al., 2017. Manual Versus Semiautomatic Rhythm Analysis and Defibrillation for Out-of-Hospital Cardiac Arrest. Circulation: Cardiovascular Quality and Outcomes, 10(7), p.e003577. Click <a href="mailto:here">here</a> to access abstract, email <a href="mailto:hibrary.mailbox@nhs.net">hibrary.mailbox@nhs.net</a> to request fulltext

Oh, J.H. et al., 2017. What is the key contributor in achieving return of spontaneous circulation in the field from out-of-hospital cardiac arrest? [Letter] Resuscitation, 3(0), pp.63–81. Click here to access fulltext (free online as of 21/08/2017)

Orso, D. et al., 2017. Comparison of different airway-management devices used by non-anaesthetist personnel: A crossover manikin study. American Journal of Emergency Medicine. 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

Riddersholm, S. et al., 2017. Association of bystander interventions and hospital length of stay and admission to intensive care unit in out-of-hospital cardiac arrest survivors. Resuscitation, 41(0), pp.2204–2206.

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Schött, U. & Kander, T., 2017. Prolonged TTM – enhanced hypocoagulation and bleeding? Resuscitation, 118(0), pp.A3–A4.

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Title, R. et al., 2017. The Effects of Public Access Defibrillation on Survival After Out-of- Hospital Cardiac Arrest: A Systematic Review of Observational Studies.

Circulation, p.CIRCULATIONAHA.117.029067.

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

Viglino, D. et al., 2017. Survival of cardiac arrest patients on ski slopes: A 10-year analysis of the Northern French Alps Emergency Network. Resuscitation, 61(0), pp.388–389.

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Vissers, G., Soar, J. & Monsieurs, K.G., 2017. Ventilation rate in adults with a tracheal tube during cardiopulmonary resuscitation: a systematic review. Resuscitation, 119, pp.5–12.

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Vithalani, V.D. et al., 2017. Unrecognized Failed Airway Management Using a Supraglottic Airway Device. Resuscitation, 119, pp.1–4.

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Zhang, Q. et al., 2017. Efficacy of vasopressin-epinephrine compared to epinephrine alone for out of hospital cardiac arrest patients: A systematic review and meta-analysis. The American Journal of Emergency Medicine.

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