

REFERENCES ADVANCED PAEDIATRIC LIFE SUPPORT – 6TH EDITION

THE SERIOUSLY ILL CHILD

Pediatric Emergency Care 2010;26: 867Y869) and also mentioned in surviving sepsis campaign: special considerations in paediatrics (addendum 2014)

Dellinger CCM 2014 41(2) 618

Hannelore K. Neuhauser, Michael Thamm, Ute Ellert, Hans Werner Hense and Angelika Schaffrath Rosario; Blood Pressure Percentiles by Age and Height From Non-overweight Children and Adolescents in Germany, *Pediatrics* 2011;127;e978-e988; originally published online Mar 7, 2011, DOI: 10.1542/peds.2010-1290

Kochanek, Patrick M, (2012) Guidelines for the acute medical management of severe traumatic brain injury in infants, children, and adolescents. *PCCM* [1529-7535] vol:13 Suppl 1 pp. S1-82

O'Leary F, Hayen A, Lockie F, et al. Arch Dis Child 2015;100:733–737. Defining normal ranges and centiles for heart and respiratory rates in infants and children: a crosssectional study of patients attending an Australian tertiary hospital paediatric emergency department

THE SERIOUSLY INJURED CHILD

WHO Global status report on road safety 2013: supporting a decade of action

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/381771/Tetanus_infor_mation_for_health_professionals.pdf

LIFE SUPPORT

Association of State EMS Directors 2012;16:230-6.

Bernard, S.A., Gray, T.W., Buist, M.D., et al. Treatment of comatose survivors of out-of-hospital cardiac arrest with induced hypothermia. *N Engl J Med*, 346:557-63.

Cheung, W., Middleton, P., Davies, S., Tummala, S., Thanakrishnan, G., Gullick, J. (2013) A comparison of survival following out-of-hospital cardiac arrest in Sydney, Australia, between 2004-2005 and 2009-2010. *Crit Care Resusc.* 15:241-6.

De Maio, V.J., Osmond, M.H., Stiell, I.G., et al. Epidemiology of out-of hospital pediatric cardiac arrest due to trauma.

 $O:\label{lem:condition} O:\label{lem:condition} Os.\label{lem:condition} Provider manual\label{lem:condition} Provider manual\label{lem:condition} Provider manual\label{lem:condition} Seferences for website\label{lem:condition} Website\label{lem:condition} Os.\label{lem:condition} Os.\label{le$

Dellinger RP, Levy MM, Rhodes A, et al. (2013) Surviving Sepsis Campaign: international guidelines for management of severe sepsis and septic shock, 2012. *Intensive care medicine*. 39:165-228.

Dias, C.R., Leite, H.P., Nogueira, P.C., Brunow de Carvalho, W. (2013) Ionized hypocalcemia is an early event and is associated with organ dysfunction in children admitted to the intensive care unit. *J Crit Care* 28:810-5.

Dorsey, D.P., Bowman, S.M., Klein, M.B., Archer, D., Sharar, S.R. (2010) Perioperative use of cuffed endotracheal tubes is advantageous in young pediatric burn patients. *Burns: Journal of the International Society for Burn Injuries*. 36:856-60.

Dyson, K., Morgans, A., Bray, J., Matthews, B., Smith, K. (2013) Drowning related out-of-hospital cardiac arrests: characteristics and outcomes. *Resuscitation* 84:1114-8.

Enright, K., Turner, C., Roberts, P., Cheng, N., Browne, G. (2012) Primary cardiac arrest following sport or exertion in children presenting to an emergency department: chest compressions and early defibrillation can save lives, but is intravenous epinephrine always appropriate? *Pediatric emergency care*. 28:336-9.

Gupta, P., Tang, X., Gall, C.M., Lauer, C., Rice, T.B., Wetzel, R.C. (2014) Epidemiology and outcomes of in-hospital cardiac arrest in critically ill children across hospitals of varied center volume: A multi-center analysis. *Resuscitation*. 85:1473-9.

Harrison, D.A., Patel, K., Nixon, E., et al. (2014) Development and validation of risk models to predict outcomes following inhospital cardiac arrest attended by a hospital-based resuscitation team. *Resuscitation*. 85:993-1000.

Maconochie, I., Bingham, R., Eich, C., et al. European Resuscitation Council Guidelines for Resuscitation 2015.

Maconochie, I., de Caen, A., Aickin, R., et al. Part 6: Pediatric Basic Life Support and Pediatric Advanced Life.

Maconochie, I.K., Bingham, R., Eich, C., López-Herce, J., Rodríguez-Núnez, R., Rajka, T., Van de Voorde, P., Zideman, D.A., Biarent, D. (2015) On behalf of the Paediatric life support section Collaborators. European Resuscitation Council Guidelines for Resuscitation 2015, Section 6. Paediatric life support. *Resuscitation* 95: 223–248.

Maconochie, I.K., de Caen, A.R., Aickin, R., Atkins, D.L., Biarent, D., Guerguerian, A.M., Kleinman, M.E., Kloeck, D.A., Meaney, P.A., Nadkarni, V.M., Ng, K.C., Nuthall, G., Reis, A.G., Shimizu, N., Tibbals, J., Pintos, R.V. (2015) Pediatric Basic Life Support and Pediatric Advanced Life Support Chapter Collaborators. *Resuscitation*. 95:e147-68.

The Hypothermia after Cardiac Arrest Study Group (2002) Mild therapeutic hypothermia to improve the neurologic outcome after cardiac arrest. *N Engl J Med.* 346:549-56.

Moler, F.W., Silverstein, F.S., Holubkov, R., et al. (2015) Therapeutic hypothermia after out-of-hospital cardiac arrest in children. *N Engl J Med.* 372:1898-908.

Nielsen, N., Wetterslev, J., Cronberg, T., et al. (2013) Targeted temperature management at 33 degrees C versus 36 degrees C after cardiac arrest. *N Engl J Med.* 369:2197-206.

Nishiuchi, T., Hayashino, Y., Iwami, T., et al. (2014) Epidemiological characteristics of sudden cardiac arrest in schools. *Resuscitation*. 85:1001-6.

Nitta, M., Kitamura, T., Iwami, T., et al. (2013) Out-of-hospital cardiac arrest due to drowning among children and adults from the Utstein Osaka Project. *Resuscitation*. 84:1568-73.

Nolan, J.P., Hazinski, M.F., Aicken, R., et al. (2015) Part I. Executive Summary: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. *Resuscitation*. 95:e1-e32.

Olasveengen, T.M., Sunde, K., Brunborg, C., Thowsen, J., Steen, P.A., Wik, L. (2009) Intravenous drug administration during out-of-hospital cardiac arrest: a randomized trial. *JAMA*. Nov 25;302(20):2222-9.

Pilmer, C.M., Kirsh, J.A., Hildebrandt, D., Krahn, A.D., Gow, R.M. (2014) Sudden cardiac death in children and adolescents between 1 and 19 years of age. *Heart Rhythm.* 11:239-45.

Prehospital emergency care: official journal of the National Association of EMS Physicians.

Rajan, S., Wissenberg, M., Folke, F., et al. (2015) Out-of-hospital cardiac arrests in children and adolescents: incidences, outcomes, and household socioeconomic status. *Resuscitation*. 88:12-9.

Raymond, T.T., Stromberg, D., Stigall, W., Burton, G., Zaritsky, A. (2015) American Heart Association's Get With The Guidelines-Resuscitation I. Sodium bicarbonate use during in-hospital pediatric pulseless cardiac arrest – a report from the American Heart Association Get With The Guidelines((R))-Resuscitation. *Resuscitation*. 89:106-13.

Science With Treatment Recommendations. Resuscitation 2015:95:e149-e170.

Section 6 Paediatric Life Support. Resuscitation 2015:95:222-47.

Tirkkonen, J., Nurmi, J., Olkkola, K.T., Tenhunen, J., Hoppu, S. (2014) Cardiac arrest teams and medical emergency teams in Finland: a nationwide cross-sectional postal survey. *Acta Anaesthesiol Scand* 58:420-7.

Topjian, A.A., French, B., Sutton, R.M., et al. (2014) Early postresuscitation hypotension is associated with increased mortality following pediatric cardiac arrest. *Crit Care Med.* 42:1518-23.

Valdes, S.O., Donoghue, A.J., Hoyme, D.B., et al. (2014) Outcomes associated with amiodarone and lidocaine in the treatment of in-hospital pediatric cardiac arrest with pulseless ventricular tachycardia or ventricular fibrillation. *Resuscitation* 85:381-6.

Weng, Y.M., Wu, S.H., Li, W.C., Kuo, C.W., Chen, S.Y., Chen, J.C. (2013) The effects of sodium bicarbonate during prolonged cardiopulmonary resuscitation. *Am J Emerg Med.* 31:562-5.

Winkel, B.G., Risgaard, B., Sadjadieh, G., Bundgaard, H., Haunso, S., Tfelt-Hansen, J. (2014) Sudden cardiac death in children (1-18 years): symptoms and causes of death in a nationwide setting. *European heart journal*. 35:868-75.

PRACTICAL APPLICATION OF APLS

Appendix B

Holliday, M.A., Segar, W.E. (1957) The maintenance need for water in parenteral fluid therapy. *Pediatrics*. 19: 823-832

Human Factors

Burke, C.S., Salas, E., Wilson-Donnelly, K., Priest, H. (2004). How to turn a team of experts into an expert medical team: guidance from the aviation and military communities. *Qual Saf Health Care*;13(Suppl 1):i96–i104. doi: 10.1136/qshc.2004.009829

Catchpole, K. (2010), cited in Department of Health Human Factors Reference Group Interim Report, 1 March 2012, National Quality Board, March 2012. Available at: http://www.england.nhs.uk/ourwork/part-rel/nqb/ag-min/

Endsley, M. R. (1995). Toward a theory of situation awareness in dynamic systems. Human Factors, 37(1), 32-64.

Kohn, L. T., Corrigan, J., & Donaldson, M. S. (2000). *To err is human: Building a safer health system.* Washington, D.C: National Academy Press.

Leonard, M., Graham, S., Bonacum, D. (2004). The human factor: the critical importance of effective teamwork and communication in providing safe care. *Qual Saf Health Care*;13(Suppl 1):i85–i90. doi: 10.1136/gshc.2004.010033

NQB, (2013). Human Factors in Healthcare: A Concordat from the National Quality Board. Retrieved from http://www.england.nhs.uk/wp-content/uploads/2013/11/nqb-hum-fact-concord.pdf

Plous, Scott (1993), *The Psychology of Judgment and Decision Making*, McGraw-Hill, ISBN 978-0-07-050477-6, OCLC 26931106

Reason, J. (1997). *Managing the risks of organisational accidents*. Aldershot, UK: Ashgate Publishing Limited.

Reason. J. (2010). *The human contribution: unsafe acts, accidents and heroic recoveries.* Ashgate, Farnham, Surrey. UK.

Salas, E., Burke, C.S. & Stagal, K.C. (2004) Developing teams and team leaders: strategies and principles. In: Day, D., Zaccaro, S. & Haplin, S.M. (eds) *Leader Development for Transforming Organisations. Growing Leaders for Tomorrow*, pp. 325-58. Lawrence-Erlbaum, Mahwah, N.J.

Vincent, C., Neale, G., Woloshynowych, M. (2001). Adverse events in British hospitals: preliminary retrospective record review. *BMJ*; 322 doi: http://dx.doi.org/10.1136/bmj.322.7285.517

UK NATIONAL GUIDELINES

Intercollegiate Guidelines on Imaging in Paediatric Major Trauma

NICE Clinical Guidelines, Diarrhoea and vomiting caused by gastroenteritis in under 5s: diagnosis and management, April 2009

NICE Clinical guidelines, Head injury: assessment and early management, NICE January 2014

Support 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care

The Royal College of Radiologists, *Paediatric Trauma Protocols*, London, The Royal College of Radiologists, 2014

The Royal College of Radiologists, *Standards of practice and guidance for trauma radiology in severely injured patients, second edition,* London, The Royal College of Radiologists, 2015