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LOADING Wiles MD. Blood pressure management in trauma: from feast to famine? Anaesthesia. 2013;68:445–9.CAS CrossRef Google Scholar Holcomb JB, Jenkins D, Rhee P, Johannigman J, Mahoney P, Mehta S, et al. Damage control resuscitation: directly addressing the early coagulopathy of trauma. J Trauma. 2007;62(2):307–10. Google Scholar White NJ, Ward KR, Pati S, Strandenes G, Cap AP. Hemorrhagic blood failure: oxygen debt, coagulopathy, and endothelial damage. J Trauma Acute Care Surg. 2017;82(6 Suppl 1):S41–9.CrossRef Google Scholar Bjerkgvig CK, Strandenes G, Eliassen HS, Spinella PC, Fosse TK, Cap AP, Ward KR. “Blood failure” time to view blood as an organ: how oxygen debt contributes to blood failure and its implications for remote damage control resuscitation. Transfusion. 2016;56(Suppl 2):S182–9.CAS CrossRef Google Scholar Cothren CC, Moore EE, Hedegaard HB, Meng K. Epidemiology of urban trauma deaths: a comprehensive reassessment 10 years later. World J Surg. Springer-Verlag. 2007;31(7):1507–11.CrossRef Google Scholar World Health Organization. World Health Organisation: cause-specific mortality and morbidity (p. 59–71) [Internet]. 2010. p. 1–177. Available from: CM, Siegel JR, Weireter L, et al. Oxygen debt and metabolic acidemia as quantitative predictors of mortality and the severity of the ischaemic insult in hemorrhagic shock. Crit Care Med. 1991;19:1.CrossRef Google Scholar Wiggers CJ. The failure of blood transfusions in irreversible hemorrhagic shock. Am J Phys. 1945;144:91–101.CrossRef Google Scholar Wiggers HC, Ingraham RC, Roemhild F, Goldberg H. Vasoconstriction and the development of irreversible hemorrhagic shock. Am J Phys. 1948;153:511–20.CAS CrossRef Google Scholar Reynolds M. Cardiovascular effects of large volumes of isotonic saline infused intravenously into dogs following severe hemorrhage. Am J Phys. 1949;158:418–28.CAS CrossRef Google Scholar Shires T, Coln D, Carrico J, Lightfoot S. Fluid therapy in hemorrhagic shock. AMA Arch Surg. 1964;88:688–93.CAS CrossRef Google Scholar American College of Surgeons Committee on Trauma. Advanced trauma life support (ATLS) course for physicians. Chicago: American College of Surgeons; 1997. p. 87–106. Google Scholar Moylan JA, Mason AD, Rogers PW, Walker BL. Post burn shock: a critical evaluation of resuscitation. J Trauma Inj Infect Crit Care. 1973;13:354–8.CAS CrossRef Google Scholar Baxter C. Fluid volume and electrolyte changes in the early post-burn period. Clin Plastic Surg. 1974;1:698–703. Google Scholar Morton A. Traumatic pulmonary insufficiency and non-mechanical bleeding in battle casualties. Aust N Z J Surg. 1971;40:356–9.CAS CrossRef Google Scholar Fietsam R, Villalba M, Glover JL, Clark K. Intra-abdominal compartment syndrome as a complication of ruptured abdominal aortic aneurysm repair. Am Surg. 1989;55(6):396–402.PubMed Google Scholar Cannon WB, Fraser J, Cowell EM. The preventive treatment of wound shock. JAMA. 1918;70:618–21. Google Scholar Bickell WH, Bruttig SP, Millnamow GA, O’Benar J, Wade CE. The detrimental effects of intravenous crystalloids after aortotomy in swine. Surgery. 1991;110:529–36.CAS PubMed Google Scholar Solomovov E, Hirsh M, Yahiya A, Krausz MM. The effect of vigorous fluid resuscitation in uncontrolled hemorrhagic shock following massive splenic injury. Crit Care Med. 2000;28:749–54.CAS CrossRef Google Scholar Gross D, Landau EH, Klin B, Krausz MM. Treatment of uncontrolled hemorrhagic shock with hypertonic saline solution. Surg Gynecol Obstet. 1990;170:106–12.CAS PubMed Google Scholar Dunham CM, Belzberg H, Lyles R, Weireter L, Skurdal D, Sullivan G, et al. The rapid infusion system: a superior method for the resuscitation of hypovolemic trauma patients. Resuscitation. 1991;21(2-3):207–27.CAS CrossRef Google Scholar Duke MD, Guidry C, Guice J, Stake L, Marr AB, Hunt JP, et al. Restrictive fluid resuscitation in combination with damage control resuscitation: time for adaptation. J Trauma Acute Care Surg. 2012;73(3):674–8.CAS CrossRef Google Scholar Schreiber MA, Meier EN, Tisherman SA, Kerby JD, Newgard CD, Brasel K, et al. A controlled resuscitation strategy is feasible and safe in hypotensive trauma patients: results of a prospective randomized pilot trial. J Trauma Acute Care Surg. 2015;78(4):687–95; discussion 695–7.CrossRef Google Scholar Kaweski SM, Sise MJ, Virgilio RW. The effect of prehospital fluids on survival in trauma patients. J Trauma. 1990;30:1215–8.CAS CrossRef Google Scholar Bickell WH, Wall MJ, Pepe PE. Immediate versus delayed fluid resuscitation for hypotensive patients with penetrating torso injuries. N Engl J Med. 1994;331:1105–9.CAS CrossRef Google Scholar Kowalenko T, Stern SA, Dronen SC, Wang X. Improved outcome with hypotensive resuscitation of uncontrolled hemorrhagic shock in a swine model. J Trauma. 1992;33:349–53.CAS CrossRef Google Scholar Mapstone J, Roberts I, Evans P. Fluid resuscitation strategies: a systematic review of animal trials. J Trauma. 2003;55(3):571–89.CrossRef Google Scholar Dutton RP, Mackenzie CF, Scalea TM. Hypotensive resuscitation during active hemorrhage: impact on in-hospital mortality. J Trauma Acute Care Surg. 2002;52(6):1141–6.CrossRef Google Scholar Morrison CA, Carrick MM, Norman MA, Scott BG, Welsh FJ, Tsai P, et al. Hypotensive resuscitation strategy reduces transfusion requirements and severe postoperative coagulopathy in trauma patients with hemorrhagic shock: preliminary results of a randomized controlled trial. J Trauma. 2011;70(3):652–63.CrossRef Google Scholar Carrick MM, Morrison CA, Tapia NM, Leonard J, Suliburk JW, Norman MA, et al. Intraoperative hypotensive resuscitation for patients undergoing laparotomy or thoracotomy for trauma: early termination of a randomized prospective clinical trial. J Trauma Acute Care Surg. 2016;80(6):886–96.CrossRef Google Scholar Chesnut RM, Marshall LF, Klauber MR, Blunt BA, Baldwin N, Eisenberg HM, et al. The role of secondary brain injury in determining outcome from severe head injury. J Trauma. 1993;34(2):216–22.CAS CrossRef Google Scholar Kwan I, Bunn F, Chinmook P, Roberts I. Timing and volume of fluid administration for patients with bleeding. Cochrane Database Syst Rev. 2014;(3):CD002245. Google Scholar Kanani AN, Harshorn S. NICE clinical guideline NG39: major trauma: assessment and initial management. Arch Dis Child Educ Pract Ed. Royal College of Paediatrics and Child Health. 2017;102(1):20–3.CrossRef Google Scholar Spahn DR, Bouillon B, Cerny V, Coats TJ, Duranteau J, Fernandez-Mondejar E, et al. Management of bleeding and coagulopathy following major trauma: an updated European guideline. Crit Care (London, England). 2013;17(2):R76.CrossRef Google Scholar Greaves I, Porter KM, Revell MP. Fluid resuscitation in pre-hospital trauma care: a consensus view. J R Coll Surg Edinb. 2002;47:451–7.CAS PubMed Google Scholar Quinn D, Frith D. Assessing the damage control resuscitation: development, drivers and direction. Emerg Med Australas. 2015;27:485–7.CrossRef Google Scholar Carrick MM, Leonard J, Slone DS, Mains CW, Bar-Or D. Hypotensive resuscitation among trauma patients. Biomed Res Int. 2016;2016:8901938.CrossRef Google Scholar Stein P, Kasere A, Sprengel K, et al. Change of transfusion and treatment paradigm in major trauma patients. Anaesthesia. 2017;72:1317–26.CAS CrossRef Google Scholar Bridges LC, Waibel BH, Newell MA. Permissive hypotension: potentially harmful in the elderly? A national trauma data bank analysis. Am J Surg. 2015;81:770–7. Google Scholar Brunauer A, Kokofer A, Bataar O, Gradwohl-Matis I, Dankl D, Dunser MW. The arterial blood pressure associated with terminal cardiovascular collapse in critically ill patients: a retrospective cohort study. Crit Care. 2014;18:719.CrossRef Google Scholar Emerson CP, Ebert RV. A study of shock in battle casualties: measurements of the blood volume changes occurring in response to therapy. Ann Surg. 1945;122(5):745–72.CAS CrossRef Google Scholar Eastridge BJ, Salinas J, McManus JG, Blackburn L, Bugler EM, Cooke WH, et al. Hypotension begins at 110 mm Hg: redefining “hypotension” with data. J Trauma Acute Care Surg. 2007;63(2):291–7; discussion 297–9.CrossRef Google Scholar Hasler RM, Nuesch E, Jini P, Bouamra O, Exadaktylos AK, Lecky F. Systolic blood pressure below 110 mmHg is associated with increased mortality in blunt major trauma patients: multicentre cohort study. Resuscitation. 2011;82(9):1202–7.CrossRef Google Scholar Li T, Zhu Y, Hu Y, Li L, Diao Y, Tang J, et al. Ideal permissive hypotension to resuscitate uncontrolled hemorrhagic shock and the tolerance time in rats. Anesthesiology. The American Society of Anesthesiologists. 2011;114(1):111–9. Google Scholar Skarda DE, Muller KE, George ME, Bellman GJ. Eight hours of hypotensive versus normotensive resuscitation in a porcine model of controlled hemorrhagic shock. Acad Emerg Med. 2008;15(9):845–52.CrossRef Google Scholar Wiles M. Blood pressure in trauma resuscitation: ‘pop the clot’ vs. ‘drain the brain’? Anaesthesia. 2017;72:1448–55.CAS CrossRef Google Scholar Pigula FA, Wald SL, Shackford SR, Vane DW. The effect of hypotension and hypoxia on children with severe head injuries. J Pediatr Surg. 1993;28:310–6.CAS CrossRef Google Scholar Carney N, Totten AM, O’Reilly C, et al. Guidelines for the management of severe traumatic brain injury, fourth edition. Neurosurgery. 2017;80:6–15. Google Scholar Stern SA, Zink BJ, Mertz M, Wang X, Dronen SC. Effect of initially limited resuscitation in a combined model of fluid percussion brain injury and severe uncontrolled haemorrhage shock. J Neurosurg. 2000;93:305.CAS CrossRef Google Scholar Hu Y, Wu Y, Tian K, et al. Identification of ideal resuscitation pressure with concurrent traumatic brain injury in a rat model of haemorrhage shock. J Surg Res. 2015;195:284–93.CrossRef Google Scholar Gunnar W, Jonasson O, Merlotti G, Stone J, Barrett J. Head injury and haemorrhage shock: studies of the blood brain barrier and intracranial pressure after resuscitation with normal saline solution, 3% saline solution, and dextran-40. Surgery. 1988;103:398.CAS PubMed Google Scholar Hariri RJ, Firlick AD, Shepard SR, et al. Traumatic brain injury, hemorrhage shock, and fluid resuscitation: effects on intracranial pressure and brain compliance. J Neurosurg. 1993;79:421.CAS CrossRef Google Scholar Vrettos T, Poimenidi E, Athanasopoulos P, et al. The effect of permissive hypotension in combined traumatic brain injury and blunt abdominal trauma: an experimental study in swines. Eur Rev Med Pharmacol Sci. 2016;20:620–30.CAS PubMed Google Scholar Glen J, Constanti M, Brohi K. Guideline Development Group. Assessment and initial management of major trauma: summary of NICE guidance. Br Med J. 2016;22:353. Google Scholar Garner J, Watts S, Parry C, Bird J, Cooper G, Kirkman E. Prolonged permissive hypotensive resuscitation is associated with poor outcome in primary blast injury with controlled hemorrhage. Ann Surg. 2010;251(6):1131–9.CrossRef Google Scholar Kirkman E, Watts S, Cooper G. Blast injury research models. Philos Trans R Soc Lond Ser B Biol Sci. 2011;366(1562):144–59.CAS CrossRef Google Scholar Shackelford SA, del Junco DJ, Powell-Dunford N, Mazuchowski EL, Howard JT, Kotwal RS, et al. Association of prehospital blood product transfusion during medical evacuation of combat casualties in Afghanistan with acute and 30-day survival. JAMA. 2017;318(16):1581–91.CrossRef Google Scholar Woolley T, Thompson P, Kirkyman E, Reed R, Ausset S. Trauma Hemostasis and Oxygenation Research (THOR) Network position paper on the role of hypotensive resuscitation as part of remote damage control resuscitation. J Trauma Acute Care Surg. 2018;84:S3–S13. Volume ahead of print.CrossRef Google Scholar Watts S, Nordmann G, Brohi K, Midwinter MJ, Woolley T, Gwyther R, et al. Evaluation of prehospital blood products to attenuate acute coagulopathy of trauma in a model of severe injury and shock in anesthetized pigs. Shock. 2015;44(Suppl 1):138–48.CrossRef Google Scholar Brown JB, Sperry JL, Fombona A, Billiar TR, Peitzman AB, Guyette FX. Pre-trauma center red blood cell transfusion is associated with improved early outcomes in air medical trauma patients. J Am Coll Surg. 2015;220(5):797–808.CrossRef Google Scholar Rehn M, Weaver AE, Eshelby S, Reislien J, Lockey DJ. Pre-hospital transfusion of red blood cells in civilian trauma patients. Transfus Med. 2018;28:457.CrossRef Google Scholar Holcomb JB, Donathan DP, Cotton BA, del Junco DJ, Brown G, Wenckstern TV, et al. Prehospital transfusion of plasma and red blood cells in trauma patients. Prehosp Emerg Care. 2015;19(1):1–9.CrossRef Google Scholar Hanson JM, Van Hoeyweghen R, Kirkman E, Thomas A, Horan MA. Use of stroke distance in the early detection of simulated blood loss. J Trauma. 1998;44(1):128–34.CAS CrossRef Google Scholar Nevin DG, Brohi K. Permissive hypotension for active haemorrhage in trauma. Anaesthesia. 2017;72:1443–8. ◆ CrossRef PubMed Google Scholar

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