



- History of event supporting treatment of underlying causes

Performance Measures

- Blood sugar obtained
- Correct medication(s) and dose given for patient condition, age, and weight
- Correct application and use of cardiac pacing
- Use of sedation or pain management with cardiac pacing
- **National EMS Quality Alliance (NEMSQA) Performance Measures** (for additional information, see www.nemsqa.org)
 - Hypoglycemia—01: Treatment Administered for Hypoglycemia
 - Pediatrics—03: Documentation of Estimated Weight in Kilograms

References

1. Berg KM, Soar J, Andersen LW, et al. Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. *Circulation*. 2020;142(16_suppl_1): S92-S139. doi:10.1161/CIR.0000000000000893
2. Brady W, Swart G, Mao R, Aufderheide TP. The efficacy of atropine in the treatment of hemodynamically unstable bradycardia and atrioventricular block: prehospital and emergency department considerations. *Resuscitation*. 1999;41(1):47–55
3. De Backer D, Biston P, Devriendt J, et al. Comparison of dopamine and norepinephrine in the treatment of shock. *N Engl J Med*. 2010; 362:779–89
4. De Backer, Daniel et al. "Dopamine versus norepinephrine in the treatment of septic shock: a meta-analysis*." *Critical care medicine* vol. 40,3 (2012): 725-30. doi:10.1097/CCM.0b013e31823778ee
5. Gottlieb M. Bolus dose of epinephrine for refractory post-arrest hypotension. *CJEM*. 2017; 10:1–5
6. Kleinman ME, Chameides L, Schexnayder SM, et al. Part 14: pediatric advanced life support. *Circulation*. 2010;122(18 Suppl.3): S876-S908
7. Link MS, Berkow PJ, Kudenchuk HR, et. al. Part 7: adult advanced cardiovascular life support. *Circulation*. 2015;132(18 Suppl 2): S444–64
8. Marik, Paul E., Dopamine increases mortality in pediatric septic shock. Current Best Evidence. January 01, 2016; 168:253-256 doi.org/10.1016/j.jpeds.2015.10.073
9. Sherbino J, Verbeek PR, MacDonald RD, Sawadsky BV, McDonald AC, Morrison LJ. Prehospital transcutaneous cardiac pacing for symptomatic bradycardia or bradyasystolic cardiac arrest: a systematic review. *Resuscitation*. 2006;70(2):193–200
10. Weingart S. Push-dose pressors for immediate blood pressure control. *Clin Exp Emerg Med*. 2015;2(2):131–132
11. Xu, Xudong, Xu, Xianghua and Wu, Yueying. "Norepinephrine was superior in death risk reducing and hemodynamics compared to dopamine in treatment of patients with septic shock" *Pteridines*, 2021;32(1):5-10.

Revision Date

March 11, 2022