



- 9914171 – Cardiac Arrest - Special Resuscitation Orders
- 9914201 – Cardiac Arrest - Determination of Death/Withholding Resuscitative Efforts

Key Documentation Elements

- All items (a–f in [Non-traumatic](#) or [Traumatic](#) arrest) listed under patient management must be clearly documented in the EMS patient care report in addition to the assessment findings supporting this medical decision making
- If resuscitation is continued for special circumstance or despite satisfying the criteria in this guideline, the rationale for such decision making must be documented

Performance Measures

- Time to CPR
- Time to AED application if applicable
- Review of CPR quality
- Duration of resuscitative efforts
- Review of biometric data/CPR quality if available
- Appropriateness of termination
- Review of every patient transport from scene with patient in arrest

References

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3. Eckstein M, Hatch L, Malleck J, McClung C, Henderson SO. End-tidal CO₂ as a predictor of survival in out-of-hospital cardiac arrest. *Prehosp Disaster Med.* 2011;26(3):148–50
4. Fallat ME, American College of Surgeons Committee on Trauma, American College of Emergency Physicians, National Association of EMS Physicians, American Academy of Pediatrics. Withholding or termination of resuscitation in pediatric out-of-hospital traumatic cardiopulmonary arrest. *Pediatrics*, 2014 Apr; 133(4): e1104–16
5. Goldberger ZD, Chan PS, Berg RA, et al. Duration of resuscitation efforts and survival after in-hospital cardiac arrest: an observational study. *Lancet.* 2012;380(9852):1473–81
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7. Hung SC, Mou CY, Hung HC, Lin IH, Lai SW, Huang JY. Chest compression fraction in ambulance while transporting patients with out-of-hospital cardiac arrest to the hospital in rural Taiwan. *Emerg Med J.* 2016; 0:1–4
8. Kim F, Nichol G, Maynard C, et al. Effect of prehospital induction of mild hypothermia on survival and neurological status among adults with cardiac arrest. *JAMA.* 2014;311(1):45–52
9. Matsuyama T, Kitamura T, Kiyohara K, et al. Impact of cardiopulmonary resuscitation duration on neurologically favourable outcome after out-of-hospital cardiac arrest: a population-based study in Japan. *Resuscitation.* 2017; 113:1–7
10. Millin MG, Khandker SR, Malki A. Termination of resuscitation of nontraumatic cardiopulmonary arrest: resource document for the National Association of EMS Physicians