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on Clinical Practice Guidelines. 2016; 133:1426–1428. doi: 10.1161/CIR.000000000000312LinkGoogle Scholar9. Morrison LJ, Gent LM, Lang E, Nunnally ME, Parker MJ, Callaway CW, Nadkarni VM, Fernandez AR, Bill JE, Egan JR, et al. Part 2: Evidence Assessment and Conflict Management; 2015 American Heart Association Guidelines Update for Cardiovascular Resuscitation and Emergency Vascular Care. *Circulation*. 2015; 132 (suppl 2):S368-S382. doi: 10.1161/CIR.0000000000000253LinkGoogle Scholar10. Kleinman ME, Goldberger DD, Ri T, Swor RA, Beavers BJ, Brennan EE, Terry M, Hemphill R, Gazmuri RJ, Hazinski MF, et al. 2017 American Heart Association focused updates on adult basic life support and cardiopulmonary resuscitation quality: update of the American Heart Association Guidelines for Cardiac Resuscitation and Emergency Heart Resuscitation 2018;137:e14. *Circulation*. 2018; 137:e7-e13. doi: 10.1161/CIR.0000000000000539AbstractGoogle Scholar11. Panchal AR, Berg KM, Kudenchuk PJ, Del Rios M, Hirsch KG, Link MS, Kurz MC, Chan PS, Cabanas JG, Morley PT, et al. 2018 American Heart Association focused updates on advanced cardiovascular life support use of antiarrhythmic drugs during and immediately after cardiac arrest: updating the American Heart Association Guidelines for Cardiovascular Resuscitation and Emergency 2018; 138:e740-e749. doi: 10.1161/CIR.0000000000000613LinkGoogle Scholar12. Link MS, Berkow LC, Kudenchuk PJ, Halperin HR, Hess EP, Moitra, VK Neumar RW, O'Neil BJ, Paxton JH, Silvers SM et al. Part 7: Adult Advanced Cardiovascular Life Support; 2015 American Heart Association Guidelines Update for Cardiovascular Resuscitation and Emergency Cardiovascular Care Published in *Circulation*. 2015;132:e385. *Circulation*. 2015; 132 (suppl 2):S444-S464. doi: 10.1161/CIR.0000000000000261LinkGoogle Scholar13. Neumar RW, Otto CW, Link MS, Kronick SL, Shuster M, Callaway CW, Kudenchuk PJ, Ornato JP, McNally B, Silvers SM, etc. Part 8: Adult Advanced Cardiovascular Life Support; 2010 American Heart Association Guidelines for Cardiovascular Resuscitation and Emergency Vascular Care Appear in *Circulation*. 2011;123:e236 and *Circulation*. 2013;128:e480. *Circulation*. 2010; 122:S729-S767. Dpr: Scholar14. Frascone RJ, Russi C, Lick C, Conterato M, Wewerka SS, Griffith KR, Майерс L, Коннерс J, Зальцман JG. Сравнение Сравнение the rate of success of insertion and the time of insertion between standard endotracheal intubation and supraglottic airways. *Resuscitation*. 2011; 82:1529–1536. doi: 10.1016/j.resuscitation.2011.07.009CrossrefMedgleGugle Scholar15. Vitalani VD, Vlk S, Davis SI, Richmond New Jersey. The unrecognized failed to control the airways with the help of a overhead breathing apparatus. *Resuscitation*. 2017; 119:1–4. doi: 10.1016/j.resuscitation.2017.07.019CrossrefMedlineGoogle Scholar16. Auferderheide TP, Sigurdsson G, Pirrallo RG, Yiannopoulos D, McKnite S, Von Brisen C, Sparks CW, Konrad CJ, Provo TA, Lurie KG. Hyperventilation of induced hypotension during cardiopulmonary resuscitation. *Circulation*. 2004; 109:1960–1965. doi: 10.1161/01.CIR.0000126594.79136.61LinkGoogle Scholar17. Jabre P, Penaloza A, Pinerio D, Duchateau FX, Borron SW, Javaudin F, Richard O, de Longueville D, Bouilleau G, Devaud ML, etc. Effect of bag-mask ventilation against endotracheal intubation in cardiac arrest during cardiopulmonary resuscitation on neurological outcome after extra-heartcardiac arrest *Jama*. 2018; 319:779–787. doi: 10.1001/jama.2018.0156CrossrefMedlineGoogle Scholar18. Dominio MW, Salicicholi JD, Howell MD, Cocchi MN, Giberson B, Berg K, Gautam S, Callaway C, The American Heart Association get on with the guidelines-resuscitation investigators. The time of introduction of epinephrine and the result after cardiac arrest in a hospital with non-shocking rhythms: retrospective analysis of a large register of data in the hospital. *BMJ*. 2014; 348:g3028. doi: 10.1136/bmj.g3028CrossrefMedlineGoogle Scholar19. Levesque LE, Hanley JA, Kezouh A, Suissa S. The problem of immortal time shift in cohort studies: for example, the use of statins to prevent the progression of diabetes. *BMJ*. 2010; 340:b5087. doi: 10.1136/bmj.b5087CrossrefMedlineGoogle Scholar20. Bengner JR, Kirby K, Black S, Brett SJ, Clout M, Lazarus M, Nolan JP, Reeves B, Robinson M, Scott LJ, et al. Influence of the strategy of the supraglottic respiratory device against tracheal intubation during extra-hospital cardiac arrest on functional result: randomized clinical study AIRWAYS-2. *Jama*. 2018; 320:779–791. doi: 10.1001/jama.2018.11597CrossrefMedlineGoogle Scholar21. Van On, Schmicke RH, Daya MR, Stevens SW, Idris AH, Carlson JN, Colella MR, Herren H, Hansen M, Richmond NJ, et al. Influence of the strategy of the initial insertion of the laryngeal tube against endotracheal intubation on 72-hour survival in adults with non-fatal cardiac arrest: a randomized clinical trial. *Jama*. 2018; 320:769–778. doi: 10.1001/jama.2018.7044CrossrefMedlineGoogle Scholar22. Jacobs IG, Finn JC, Jelinek GA, O'xer HF, Thompson PL. Adrenaline effect on cardiac arrest survival: randomized double-blind placebo-controlled Рeанимация. 2011; 82:1138–1143. doi: 10.1016/j.resuscitation.2011.06.029CrossrefMedlineGoogle Scholar23. Перкинс GD, Джи C, Дикин CD, Куинн Т, Нолан Нолан Scomparin C, Regan S, Long J, Słowter A, Pocock H, et al; PARAMEDIC2 employees. Randomized study of epinephrine in out-of-hospital cardiac arrest. *N Engl J Med*. 2018; 379:711–721. doi: 10.1056/NEJMoa1806842CrossrefMedlineGoogle Scholar24. Perkins GD, Kenna C, Ji C, Deakin CD, Nolan JP, Quinn T, Fothergill R, Gunson I, Pocock H, Rees N, et al. Effects of adrenaline in from hospital cardiac arrest with shocking and non-shocking rhythms: findings from PACA and PARAMEDIC-2 randomized controlled trials. *Resuscitation*. 2019; 140:55–63. doi: 10.1016/j.resuscitation.2019.05.007CrossrefMedgleGugl Scholar25. Callaway CW, Soar J, Aibiki M, Buttiger BW, Brooks SC, Deakin CD, Donnino MW, Drajer S, Klocek W, Morley PT, et al; on behalf of the Advanced Life Support Head of Staff. Part 4: Extended Life Support; 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations.Circulation. 2015; 132 (Suppl 1): S84-S145. doi: 10.1161/CIR.0000000000000273LinkGoogle Scholar26. Callaham M,Madsen CD, Barton CW, Saunders CE, Pointer J. Randomized Clinical Trial of High Dose Epinephrine and Norepinephrine vs. Standard Dose of Epinephrine in PREGOSBYTAL Cardiac Cardiac Arrest. *Jama*. 1992; 268:2667-2672.CrossrefMedlineGoogle Scholar27. Gueugniard PY, Mols P, Goldstein P, Pham E, Dubien PY, Deweerdt C, Vergnion M, Pettit P, Carly. Comparison of repeated high doses and repeated standard doses of epinephrine for cardiac arrest outside the hospital. European Epinephrine Study Group. *N Engl J Med*. 1998; 339:1595–1601. doi: 10.1056/NEJM199811263392204CrossrefMedlineGoogle Scholar28. Stell IG, Hebert PC, Weitzman BN, Wells GA, Roman S, Stark RM, Higginson LA, Ahuja J, Dickinson GE. High-dose epinephrine in cardiac arrest in adults. *N Engl J Med*. 1992; 327:1045–1050. doi: 10.1056/NEJM199210083271502CrossrefMedlineGoogle Scholar29. Brown CG, Martin DR, Pepe PE, Styuyen H, Cummins RO, Gonzalez E, Jastremski M. Comparison of standard dose and high-dose epinephrine in cardiac arrest outside the hospital: Multicenter High-Dose Epinephrine Study Group. *N Engl J Med*. 1992; 327:1051–1055. doi: 10.1056/NEJM199210083271503CrossrefMedlineGoogle Scholar30. Sherman BW, Munger MA, Foulke GE, Rutherford WF, Panacek EA. A high dose compared to the standard dose of epinephrine treatment for cardiac arrest after failure of standard therapy. *Pharmacotherapy*. 1997; 17:242-247.MedlineGoogle Scholar31. Choux C, Gueugniard PY, Barbieux A, Pham E, Lae C, Dubien PY, Petit P. Standard doses compared to repeated high doses of epinephrine in cardiac arrest outside the hospital. *Resuscitation*. 1995; 29:3-9.CrossrefMedlineGoogle Scholar32. Lindner KH, Dirks B, Strohmenger HU, Prenal AW, Lindner IM, Lurie KG. Randomized comparison of epinephrine and vasopressin in patients with out-of-hospital 1997; 349:535–537. doi: 10.1016/S0140-6736(97)80087-6CrossrefMedlineGoogle Scholar33. Wenzel V, Crisper AC, Armz HR, Sitter H, Stadlbauer KH, Lindner KH; The European Council of Resuscitation Vasopressor during cardiopulmonary resuscitation of the group. Comparison of vasopressin and epinephrine for extra-breast cardiopulmonary resuscitation. *N Engl J Med*. 2004; 350:105–113. doi: 10.1056/NEJMoa025431CrossrefMedlineGoogle Scholar34. Mukoyama T., Kinoshita K, Nagao K, Tanjo K. Reduced the effectiveness of vasopressin in repeated doses for patients undergoing long-term cardiopulmonary resuscitation. *Resuscitation*. 2009; 80:755–761. doi: 10.1016/j.resuscitation.2009.04.005CrossrefMedlineGoogle Scholar35. Ong ME, Tia L, Leong BS, Tang EU, Ong YV, Tan EA, Poh BY, Peck PP, Chen Y. Randomized, Double Blind, Multicenter Study, comparing vasopressin and adrenaline in patients with cardiac arrest, presenting or in the emergency room. *Resuscitation*. 2012; 83:953–960. doi: 10.1016/j.resuscitation.2012.02.005CrossrefMedgleGugle Scholar36. Callaway CW, Hostler D, Doshi AA, Pinchak M, Roth RN, Lubin J, Newman DH, Kelly LJ. The usefulness of vasopressin, injected with epinephrine during off-the-uba cardiac arrest. *Am J Cardiol*. 2006; 98:1316–1321. doi: 10.1016/j.amjcard.2006.06.022CrossrefMedlineGoogle Scholar37. Gueugniard PY, David JS, Chanzy E, Hubert H, Dubien PY, Mauriacourt P, Braganca C, Biller X, Clotto-Lambert MP, Fuster P, et al. Vasopressin and Epinephrine vs. Epinephrine only in cardiopulmonary resuscitation. *N Engl J Med*. 2008; 359:21–30. doi: 10.1056/NEJMoa0706873CrossrefMedlineGoogle Scholar38. Ducros L, Vicaut E, Soléi C, Le Guen M, Gueye P, Pousant T, Mebazaa A, Payen D, Plaisance P. Effect of adding vasopressin or vasopressin plus nitroglycerin for epinephrine on blood pressure during cardiopulmonary resuscitation in humans. *J Emerg Med*. 2011; 41:453–459. doi: 10.1016/j.jemermed.2010.02.030CrossrefMedlineGoogle Scholar39. Tanaka H, Takyu H, Takaya H, Sagsiaka R, Ueta H, Shirakawa T, Kinoshita T, Takahashi H, Nakagawa T, Shimazaki S, Ong Eng Hok M. Favorable neurological outcomes of early epinephrine administration within 19 minutes of EMS FOR out-of-hospital cardiac arrest patients. *Am J Emerg Med*. 2016; 34:2284–2290. doi: 10.1016/j.ajem.2016.08.026CrossrefMedlineGoogle Scholar40. Hayashi Y, Iwami T, Kitamura T, Nishihuchi T, Kajino K, Sakai T, Nishiyama C, Nitta M, Hiraido A, Kai T. Effect of early intravenous epinephrine on results after an out-of-hospital cardiac arrest. *Circ J*. 2012; 76:1639-1645.CrossrefMedlineGoogle Scholar41. Cantrell CL, Hubble MW, Richards ME. The effect of delay and infrequent administration of vasopressors on the return of spontaneous circulation during off-the-night cardiac arrest. *Prehosp Emerg Care*. 2013; 17:15–22. Doi: Scholarship42. Hansen M, Schmicke RH, Newgard CD, Grunau B, Scheuermeyer F, Cheskes S, Vithalani V, Alnaj F, Rea T, Idris AH, etc.; on behalf of the resuscitation results of the consortium of investigators. Time for epinephrine administration and survival from unshockable out-of-hospital cardiac arrest among children and adults. *Circulation*. 2018; 137:2032–2040. doi: 10.1161/CIRCULATIONAHA.117.033067LinkGoogle Scholar43. Kosciw C, Pinawin A, McGovern H, Allen D, Media DE, Ferguson T, Hopkins W, Sawyer KN, Bura J, Swor R. Fast Epinephrine Administration Improves Early Results of Out-of-hospital Cardiac Arrest. *Resuscitation*. 2013; 84:915–920. doi: 10.1016/j.resuscitation.2013.03.023CrossrefMedlineGoogle Scholar44. Nakahara S, Tomio J, Nishida M, Morimura N, Ichikawa M, Sakamoto T. Association between the timing of epinephrine administration and intact neurological survival after an out-of-hospital cardiac arrest in Japan: population-promising observational studies. *Acad Emerg Med*. 2012; 19:782–792. doi: 10.1111/j.1553-2712.2012.01387.xCrossrefMedlineGoogle Scholar45. Patel KK, Spertus JA, Hariton Y, Tan Y, Curtis LH, Chan PS; on behalf of the American Heart Association get with the guidelines of resuscitation investigators. The link between surgical defibrillation and epinephrine treatment with long-term survival after cardiac arrest in hospital. *Circulation*. 2018; 137:2041–2051. doi: 10.1161/CIRCULATIONAHA.117.030488LinkGoogle Scholar46. Sagsiaka R, Tanaka H, Takyu H, Ueta H, Tanaka S. Effects of re-administering epinephrine and manage deadlines to witness out-of-hospital cardiac patients. *Am J Emerg Med*. 2017; 35:1462–1468. doi: 10.1016/j.ajem.2017.04.052CrossrefMedlineGoogle Scholar47. Ueta H, Tanaka H, Tanaka S, Sagsiaka R, Takyu H. Rapid epinephrine administration causes favorable neurological outcomes in out-of-hospital cardiac patients. *Am J Emerg Med*. 2017; 35:676–680. doi: 10.1016/j.ajem.2016.12.066CrossrefMedlineGoogle Scholar48. Ewy GA, Bobrow BJ, Chikan JA, Sanders AB, Otto CW, Spaite DW, Kern KB. Time depends on the association of adrenaline administration and survival from out-of-hospital cardiac arrest. *Resuscitation*. 2015; 96:180–185. doi: 10.1016/j.resuscitation.2015.08.011CrossrefMedlineGoogle Scholar49. Homma Y, Shiga T, Funakoshi H, Miyazaki D, Sakurai A, Tahara Y, Nagao K, Yonemoto N, Yaguchi A, Morimura N, SOS-KANTO study group. Association of time for the first introduction of epinephrine and results outside cardiac hospital: SOS-KANTO 2012 study. *Am J Emerg Med*. 2019; 37:241–248. doi: 10.1016/j.ajem.2018.05.037CrossrefMedlineGoogle Scholar50. Hubble MW, Johnson C, Blackwelder J, Collopy K, Houston S, Martin M, Wilkes D, Wiser J. The likelihood of returning spontaneous treatment as a function of vasopressor administration time in out-of-hospital cardiac arrest. *Prehosp Emerg Care*. 19:457–463. doi: 10.3109/10903127.2015.1005262CrossrefMedlineGoogle Scholar51. Hubble MW, Tyson C. Effect of early vasopressor administration on neurological outcomes after prolonged out-of-hospital cardiac arrest. *Prehosp Disaster Med*. 2017; 32:297–304. doi: 10.1017/S1049023X17000115CrossrefMedlineGoogle Scholar52. Brooks SC, Anderson ML, Bruder E, Daya MR, Gaffney A, Otto CW, Singer AJ, Thiagarajan RR, Travers AH. Part 6. Alternative Methods and Assistive Devices for Cardiopulmonary Resuscitation; 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*. 2015; 132:S436-S443. doi: 10.1161/CIR.0000000000000260LinkGoogle Scholar53. Sesana F, Avalli L, Garatti L, Coppo A, Righetti S, Calcheran I, Scanziani E, Cozzolino P, Malafreonte C, Mauro A, et al. Effect of extracorporeal cardiopulmonary resuscitation on neurological and cardiac outcome after a ishable fire-resistant cardiac arrest. *Eur Heart J Acute Cardiovascular Care*. 2018; 7:432–441. doi: 10.1177/2048872617737041CrossrefMedlineGoogle Scholar54. Choi DH, Kim YJ, Ryoo SM, Sohn CH, Ahn S, Seo DW, Lim JY, Kim WY. Extracorporeal cardiopulmonary resuscitation among patients with non-combat cardiac arrest. *Clin Exp Emerg Med*. 2016; 3:132–138. doi: 10.15441/ceem.16.145CrossrefMedlineGoogle Scholar55. Maekawa K, Tanno K, Hase M, Mori K, Asai Y. Extracorporeal cardiopulmonary resuscitation for patients with out-of-patient cardiac arrest: propensity-consistent research and predictive analysis. *Crit Care Med*. 2013; 41:1186–1196. doi: 10.1097/CCM.0b013e31827ca4c8CrossrefMedlineGoogle Scholar56. Schober A, Sterz F, Herkner H, Wallmüller C, Weiser C, Hubner P, Testori C. Emergency Extracorporeal Life Support and ongoing resuscitation: retrospective comparison of preprof outside cardiac hospital. *Emerg Med J*. 2017; 34:277–281. doi: 10.1136/emermed-2015-205232CrossrefMedlineGoogle Scholar57. Siao FY, Chiu CC, Chiu CW, Chen YC, Chen YL, Hsieh YK, Lee CH, Wu CT, Chou CC, Yen HH. Control of cardiac arrest with fire-resistant ventricular fibrillation in the emergency department: conventional cardiopulmonary resuscitation against extracorporeal cardiopulmonary resuscitation. *Resuscitation*. 2015; 92:70–76. doi: 10.1016/j.resuscitation.2015.04.016CrossrefMedgleGugl Scholar58. Hase M, Tshutihashi K, Fujii N, Nizisato K, Kokubu N, Nara S, Kurimoto Y, Hashimoto A, Uno K, Miura T, etc. Early defibrillation and circulatory support can provide the best long-term results due to favorable neurological recovery in patients with out-of-bed cardiac arrest. *Circ J*. 2005; 69:1302-1307.CrossrefMedlineGoogle Scholar59. Sakamoto T, Morimura N, Nagao K, Asai Y, Yokota H, Nara S, Hase M, Tahara Y, Atsumi T; SAVE-J training group. cardiopulmonary resuscitation compared to normal resuscitation in adults with extra-home cardiac arrest: a promising observational study. *Resuscitation*. 2014; 85:762–768. doi: 10.1016/j.resuscitation.2014.01.031CrossrefMedlineGoogle Scholar60. Tanno K, Itoh Y, Takeyama Y, Nara S, Mori K, Asai Y. Utstein style study cardiopulmonary bypass after cardiac arrest. *Am J Emerg Med*. 2008; 26:649–654. doi: 10.1016/j.ajem.2007.09.019CrossrefMedlineGoogle Scholar61. Yiannopoulos D, Bartos JA, Martin C, Raveendran G, Miss E, Conterato M, Frascone RJ, Tremblay A, Sipprell K, John R, et al Minnesota Resuscitation Consortium advanced perfusion and reperfusion cardiac life support strategies for out-of-hospital fire-resistant ventricular fibrillation. *J Am Heart Assoc*. 2016; 5doi: 10.1161/JAHA.116.003732LinkGoogle Scholar62. Yiannopoulos D, Bartos JA, Raveendran G, Conterato M, Frascone RJ, Tremblay A, John R, Connett J, Benditt DG, Lurie KG, et al. ischemic heart disease in patients with out-of-hospital ventricular retardant fibrillation. *J Am Coll Cardiol*. 2017; 70:1109–1117. doi: 10.1016/j.resuscitation.2015.03.003CrossrefMedgleGugle Scholar63. Kim SJ, Jung JS, Park JH, Park JS, Hong YS, Lee SW. The optimal time to move to extracorporeal cardiopulmonary resuscitation to predict a good neurological outcome in patients with an out-of-hospital cardiac arrest: propensity-consistent study. *Crete Care*. 2014; 18:535. doi: 10.1186/s13054-014-0535-8CrossrefMedlineGoogle Scholar64. Poppe M, Weiser S, Holzer M, Sulzgruber., Detler., Keferbeck M, Gravelo S, Lobmeir E, van Tulder R, Siegler A, et al. Incidence load go outside the hospital cardiac arrest candidates for emergency room extracorporeal life support: one year of review. *Resuscitation*. 2015; 91:131–136. doi: 10.1016/j.resuscitation.2015.03.003CrossrefMedgleGugle Scholar65. Agostinucci JM, Rusevic M, Galinsky M, Seiverson S, Petrovich T, Carmo C, Hauaache H, Ruffin F, Adnet F, Lapostolle F. Out-hospital use of an automated chest compression device: facilitating access to extracorporeal life support or non-heart-beating organ purchases. *Am J Emerg Med*. 2011; 29:1169–1172. doi: 10.1016/j.ajem.2010.06.029CrossrefMedlineGoogle Scholar66. Lee SH, Jung JS, Lee KH, Kim HJ, Son HS, Sun K. Comparison of extracorporeal cardiopulmonary resuscitation with conventional cardiopulmonary resuscitation: is extracorporeal cardiopulmonary resuscitation useful? *Korean J Thorac Cardiovasc Surg*. 2015; 48:318–327. doi: 10.5090/KJCS.2015.48.5.318CrossrefMedlineGoogle Scholar67. Venturini JM, Retzer E, Estrada JR, Fiant J, Beiser D, Edelson D, Paul J, Blair J, Nathan S, Shah AP. Mechanical chest compressions improve the rate of spontaneous circulation and allow for the onset of percutaneous circulatory support during cardiac arrest in the cardiac catheterization laboratory. 2017; 2017. doi: 10.1016/j.resuscitation.2017.03.037CrossrefMedgleGugle Scholar68. Lin JW, Wang MJ, Yu HY, Wang CH, Chang WT, Jerng JS, Huang SC, Chou NK, Chi NH, Ko WJ et al. Comparison of survival between extracorporeal rescue and routine resuscitation in adults in cardiac arrest hospital: analysis of the propensity of three-year data. *Resuscitation*. 2010; 81:798–803. doi: 10.1016/j.resuscitation.2010.03.002CrossrefMedgleGugle Scholar69. Chen YS, Lin JW, Yu HY, Co WJ, Jerng JS, Chang WT, Chen WJ, Huang SC, Chi NH, Wang CH, et al. Cardiopulmonary resuscitation with extracorporeal life support compared to conventional cardiopulmonary resuscitation in adults with cardiac arrest in the hospital: about observational study and analysis of propensity. *Lancet*. 2008; 372:554–561. doi: 10.1016/S0140-6736(08)60958-7CrossrefMedlineGoogle Scholar70. Shin TG, Choi JH, Joe IJ, Sim MS, Sun HG, Hg YK, Sun YB, Han JY, Choi SH, Gwon HC, et al. Extracorporeal Cardiopulmonary Resuscitation in patients with inhospitable cardiac arrest: comparison with conventional cardiopulmonary resuscitation. *Crete Care Med*. 2011; 39:1–7. doi: 10.1097/CCM.0b013e3181feb339CrossrefMedlineGoogle Scholar71. Shin TG, Joe IJ, Sim MS, Song YB, Yang JH, Han JY, Choi SH, Gwon HC, Chon ES, Son K, et al. Two-year survival and neurological outcome of patients with cardiac arrest in hospital, rescued by extracorporeal cardiopulmonary resuscitation. *It's J Cardiol*. 2013; 168:3424–3430. doi: 10.1016/j.ijcard.2013.04.183CrossrefMedlineGoogle Scholar72. Blumenstein J, Lake J, Liebetrau C, Kempfert J, Gaede L, Grosh S, Circle M, Berkowitz A, Nef H, Rolf A, et al. Extracorporeal Life Support of Cardiovascular Patients with Observed Fire-Resistant Heart Disease in Hospital is associated with favorable short- and long-term outcomes: analysis of propensity. *Eur Heart J Acute Cardiovascular Care*. 2016; 5:13–22. doi: 10.1177/2048872615612454CrossrefMedlineGoogle Scholar73. Chow TH, Fang CC, Iena, Li CC, Chen YS, Ko WJ, Wang CH, Wang SS, Chen SC. Observational study of extracorporeal CPR for cardiac arrest in the hospital secondary in relation to myocardial infarction. *Emerg Med J*. 2014; 31:441–447. doi: 10.1136/emermed-2012-202173CrossrefMedlineGoogle Follow

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