

Scientific publications from the ERC Research NET

Established October 2013 at RESUSCITATION 2013 in Krakow, Poland

Status: May 13, 2022:

92 Articles published in high-ranked peer reviewed international journals

1. Jean-Philippe E, Lerner I, Valentin E, Folke F, Böttiger B, Gislason G, Jonsson M, Ringh M, Beganton F, Bougouin W, Marijon E, Blom M, Tan H, Jouven X; ESCAPE-NET Investigators. Incidence of Sudden Cardiac Death in the European Union. *J Am Coll Cardiol.* 2022 May 10;79(18):1818-1827. doi: 10.1016/j.jacc.2022.02.041. PMID: 35512862.
2. Bánfai B, Musch J, Betlehem J, Santa E, Horváth B, Németh D, Bánfai-Csonka H. How effective are chest compressions when wearing mask? A randomised simulation study among first-year health care students during the COVID-19 pandemic. *BMC Emerg Med.* 2022 May 8;22(1):82. doi: 10.1186/s12873-022-00636-2
3. Ecker H, Wingen S, Hagemeyer A, Plata C, Böttiger BW, Wetsch WA. Dispatcher Self-assessment and Attitude Toward Video Assistance as a New Tool in Simulated Cardiopulmonary Resuscitation. *West J Emerg Med.* 2022 Feb 28; doi: 10.5811/westjem.2021.12.53027
4. Böttiger BW, Hellmich M, Wetsch W. The effectiveness of targeted temperature management following cardiac arrest may depend on bystander cardiopulmonary resuscitation rates. *Eur J Anaesthesiol.* 2022; 39:388–407. doi: 10.1097/EJA.0000000000001663.
5. Metelmann C, Metelmann B, Müller MP, Böttiger BW, Trummer G, Thies KC. First responder systems can stay operational under pandemic conditions: results of a European survey during the COVID-19 pandemic. *Scand J Trauma Resusc Emerg Med.* 2022 Feb 19;30(1):10. doi: 10.1186/s13049-022-00998-3. PMID: 35183230.
6. Bielski K, Böttiger BW, Pruc M, Gasecka A, Sieminski M, Jaguszewski MJ, Smereka J, Gilis-Malinowska N, Peacock FW, Szarpak L. Outcomes of audio-instructed and video-instructed dispatcher-assisted cardiopulmonary resuscitation: a systematic review and meta-analysis. *Ann Med.* 2022 Feb 54:1,464-471. doi: 10.1080/07853890.2022.2032314.

7. Szarpak L, Peacock FW, Rafique Z, Ladny JR, Nadolny K, Malysz M, Dabrowski M, Chirico F, Smereka J. Comparison of Vie Scope® and Macintosh laryngoscopes for intubation during resuscitation by paramedics wearing personal protective equipment. *Am J Emerg Med.* 2022 Jan 4;53:122-126. doi: 10.1016/j.ajem.2021.12.069
8. Szarpak L, Pruc M, Koda M, Chirico F. Heart inflammation risk after COVID-19 vaccine. *Cardiol J.* 2021;28(6):1001-1002. doi: 10.5603/CJ.a2021.0161. Epub 2021 Dec 13. PMID: 34897637; PMCID: PMC8747813.
9. Bielski K, Makowska K, Makowski A, Kopiec T, Gasecka A, Malecka M, Pruc M, Rafique Z, Peacock FW, Denegri A, Szarpak L. Impact of COVID-19 on in-hospital cardiac arrest outcomes: An updated meta-analysis. *Cardiol J.* 2021;28(6):816-824. doi: 10.5603/CJ.a2021.0168. PMID: 34985120; PMCID: PMC8747824.
10. Gadek L, Szarpak L, Konge L, Dabrowski M, Telecka-Gadek D, Maslanka M, Drela WL, Jachowicz M, Iskrzycki L, Bialka S, Peacock FW, Smereka J. Direct vs. Video-Laryngoscopy for Intubation by Paramedics of Simulated COVID-19 Patients under Cardiopulmonary Resuscitation: A Randomized Crossover Trial. *J Clin Med.* 2021 Dec 8;10(24):5740. doi: 10.3390/jcm10245740. PMID: 34945036; PMCID: PMC8707195.
11. Birkun A, Gautam A, Trunkwala F. Global prevalence of cardiopulmonary resuscitation training among the general public: a scoping review. *Clin Exp Emerg Med.* 2021 Dec;8(4):255-267. doi: 10.15441/ceem.21.066. Epub 2021 Dec 31. PMID: 35000353; PMCID: PMC8743682.
12. Baldi E, Primi R, Bendotti S, Currao A, Compagnoni S, Gentile FR, Sechi GM, Mare C, Palo A, Contri E, Ronchi V, Bergamini G, Reali F, [...], all the Lombardia CARE researchers. Relationship between out-of-hospital cardiac arrests and COVID-19 during the first and second pandemic wave. The importance of monitoring COVID-19 incidence. *Plos One.* 2021 Nov 19. <https://doi.org/10.1371/journal.pone.0260275>
13. Bielski K, Smereka J, Chmielewski J, Pruc M, Chirico F, Gasecka A, Litvinova N, Jaguszewski MJ, Nowak-Starz G, Rafique Z, Peacock FW, Szarpak L. Meta-analysis of chest compression-only versus conventional cardiopulmonary resuscitation by bystanders for adult with out-of-hospital cardiac arrest. *Cardiol J.* 2021 Oct 8. doi: 10.5603/CJ.a2021.0115. Epub ahead of print. PMID: 34622436.
14. Metelmann C, Metelmann B, Herzberg L, Auricchio A, Baldi E, Benvenuti C, Burkart R, Fredman D, Krammel M, Müller MP, Scquizzato T, Stieglis R, Svensson L, Thies KC. More patients could benefit from dispatch of citizen first responders to cardiac arrests. *Resuscitation.* 2021 Nov 21;168:93-94. <https://doi.org/10.1016/j.resuscitation.2021.09.026>. 8if.

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16. Nakagawa NK, Salles IC, Semeraro F, Böttiger BW. KIDS SAVE LIVES: a narrative review of associated scientific production. *Curr Opin Crit Care*. 2021 Sep 7. doi: 10.1097/MCC.0000000000000872. PMID: 34495875.
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29. Wieczorek W, Meyer-Szary J, Jaguszewski MJ, Filipiak KJ, Cyran M, Jacek Smereka J, Gasecka A, Ruetzler K. and Szarpak L. Efficacy of Targeted Temperature Management after Pediatric Cardiac Arrest: A Meta-Analysis of 2002 Patients. *J. Clin. Med*. 2021;10:1389. <https://doi.org/10.3390/jcm10071389>
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51. Böttiger BW, Lockey A, Georgiou M, Greif R, Monsieus KG, Mpotos N, Nikolaou N, Nolan J, Perkins G, Semeraro F, Wingen S. KIDS SAVE LIVES: ERC Position statement on schoolteachers' education and qualification in resuscitation. *Resuscitation.* 2020 Apr 24. pii: S0300-9572(20)30158-1. doi: 10.1016/j.resuscitation.2020.04.021. [Epub ahead of print]
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