

LITERATUR PUBMED

1. Gässler H, Helm M, Hossfeld B, Fischer M. Survival Following Lay Resuscitation. *Dtsch Arztebl Int.* 2020 Dec 21;117(51-52):871-877. doi: 10.3238/arztebl.2020.0871. PMID: 33637167.
2. Worm M, Ring J, Klimek L, Jakob T, Lange L, Treudler R, Beyer K, Werfel T, Biedermann T, Bircher A, Fischer M, Fuchs T, Heller AR, Hoffmann F, Huttegger I, Kopp MV, Kugler C, Lommatzsch M, Pfaar O, Rietschel E, Rueff F, Schnadt S, Seifert R, Stöcker B, Vogelberg C, Sitter H, Gieler U, Brockow K. Management des Anaphylaxie-Risikos bei Covid-19-Impfung. *HNO Nachr.* 2021;51(1):18-21. German. doi: 10.1007/s00060-021-7480-3. Epub 2021 Feb 26. PMID: 33619418; PMCID: PMC7890774
3. Ring J, Beyer K, Biedermann T, Bircher A, Fischer M, Heller A, Huttegger I, Jakob T, Klimek L, Kopp MV, Kugler C, Lange L, Pfaar O, Rietschel E, Rueff F, Schnadt S, Seifert R, Stöcker B, Treudler R, Vogelberg C, Werfel T, Worm M, Sitter H, Brockow K. Leitlinie zu Akuttherapie und Management der Anaphylaxie - Update 2021: S2k-Leitlinie der Deutschen Gesellschaft für Allergologie und klinische Immunologie (DGAKI), des Ärzteverbands Deutscher Allergologen (AeDA), der Gesellschaft für Pädiatrische Allergologie und Umweltmedizin (GPA), der Deutschen Akademie für Allergologie und Umweltmedizin (DAAU), des Berufsverbands der Kinder- und Jugendärzte (BVKJ), der Gesellschaft für Neonatologie und Pädiatrische Intensivmedizin (GNPI), der Deutschen Dermatologischen Gesellschaft (DDG), der Österreichischen Gesellschaft für Allergologie und Immunologie (ÖGAI), der Schweizerischen Gesellschaft für Allergologie und Immunologie (SGAI), der Deutschen Gesellschaft für Anästhesiologie und Intensivmedizin (DGAI), der Deutschen Gesellschaft für Pharmakologie (DGP), der Deutschen Gesellschaft für Pneumologie und Beatmungsmedizin (DGP), der Patientenorganisation Deutscher Allergie- und Asthmabund (DAAB) und der Arbeitsgemeinschaft Anaphylaxie - Training und Edukation (AGATE). *Allergo J.* 2021;30(1):20-49. German. doi: 10.1007/s15007-020-4750-0. Epub 2021 Feb 12. PMID: 33612982; PMCID: PMC7878028.
4. Günther A, Schildmann J, In der Schmitt J, Schmid S, Weidlich-Wichmann U, Fischer M. Opportunities and Risks of Resuscitation Attempts in Nursing Homes. *Dtsch Arztebl Int.* 2020 Nov 6;117(45):757-763. doi: 10.3238/arztebl.2020.0757. PMID: 33533330.
5. Ring J, Beyer K, Biedermann T, Bircher A, Fischer M, Fuchs T, Heller A, Hoffmann F, Huttegger I, Jakob T, Klimek L, Kopp MV, Kugler C, Lange L, Pfaar O, Rietschel E, Rueff F, Schnadt S, Seifert R, Stöcker B, Treudler R, Vogelberg C, Werfel T, Worm M, Sitter H, Brockow K. Guideline (S2k) on acute therapy and management of anaphylaxis: 2021 update: S2k-Guideline of the German Society for Allergology and Clinical Immunology (DGAKI), the Medical Association of German Allergologists (AeDA), the Society of Pediatric Allergology and Environmental Medicine (GPA), the German Academy of Allergology and Environmental Medicine (DAAU), the German Professional Association of Pediatricians (BVKJ), the Society for Neonatology and Pediatric Intensive Care (GNPI), the German Society of Dermatology (DDG), the Austrian Society for Allergology and Immunology (ÖGAI), the Swiss Society for Allergy and Immunology (SGAI), the German Society of Anaesthesiology and Intensive Care Medicine (DGAI), the German Society of Pharmacology (DGP), the German Respiratory Society (DGP), the patient organization German Allergy and Asthma Association (DAAB), the German Working Group of Anaphylaxis Training and Education (AGATE). *Allergo J Int.* 2021 Jan 28:1-25. doi: 10.1007/s40629-020-00158-y. Epub ahead of print. PMID: 33527068; PMCID: PMC7841027.
6. Worm M, Ring J, Klimek L, Jakob T, Lange L, Treudler R, Beyer K, Werfel T, Biedermann T, Bircher A, Fischer M, Fuchs T, Heller AR, Hoffmann F, Huttegger I, Kopp MV, Kugler C, Lommatzsch M, Pfaar O, Rietschel E, Rueff F, Schnadt S, Seifert R, Stöcker B, Vogelberg C, Sitter H, Gieler U, Brockow K. Anaphylaxie-Risiko bei der COVID-19-Impfung: Empfehlungen für das praktische Management [Covid-19 vaccination and risk of anaphylaxis - Recommendations for practical management]. *MMW Fortschr Med.* 2021 Jan;163(1):48-51. German. doi: 10.1007/s15006-021-9530-6. PMID: 33464512; PMCID: PMC7814269.

7. Grabmaier U, Rizas KD, Massberg S, Weckbach L, Fischer M; German Resuscitation Registry Study Group. Association of prehospital acetylsalicylic acid and heparin administration with favorable neurological outcome after out-of-hospital cardiac arrest: a matched cohort analysis of the German Resuscitation Registry. *Intensive Care Med.* 2020 May 14. doi: 10.1007/s00134-020-06075-6. Epub ahead of print. PMID: 32409891.
8. Behrens NH, Fischer M, Krieger T, Monaco K, Wnent J, Seewald S, Gräsner JT, Bernhard M. Effect of airway management strategies during resuscitation from out-of-hospital cardiac arrest on clinical outcome: A registry-based analysis. *Resuscitation.* 2020 May 5. pii: S0300-9572(20)30152-0. doi: 10.1016/j.resuscitation.2020.04.015. [Epub ahead of print] PubMed PMID: 32387124.
9. Luckscheiter A, Lohs T, Fischer M, Zink W. [Airway management in preclinical emergency anesthesia with respect to specialty and education]. *Anaesthesist.* 2020 Mar;69(3):170-182. doi: 10.1007/s00101-020-00737-2. Epub 2020 Feb 13. German. PubMed PMID: 32055885.
10. Häske D, Böttiger BW, Bouillon B, Fischer M, Gaier G, Gliwitzky B, Helm M, Hilbert-Carius P, Hossfeld B, Schempf B, Wafaisade A, Bernhard M. [Analgesia for trauma patients in emergency medicine]. *Anaesthesist.* 2020 Feb;69(2):137-148. doi: 10.1007/s00101-020-00735-4. German. PubMed PMID: 32002561.
11. Seewald S, Wnent J, Lefering R, Fischer M, Bohn A, Jantzen T, Brenner S, Masterson S, Bein B, Scholz J, Gräsner JT. CaRdiac Arrest Survival Score (CRASS) A tool to predict good neurological outcome after out-of-hospital cardiac arrest. *Resuscitation.* 2020 Jan 1;146:66-73. doi: 10.1016/j.resuscitation.2019.10.036. Epub 2019 Nov 12. PubMed PMID: 31730900.
12. Luckscheiter A, Lohs T, Fischer M, Zink W. [Preclinical emergency anesthesia : A current state analysis from 2015-2017]. *Anaesthesist.* 2019 May;68(5):270-281. doi: 10.1007/s00101-019-0562-6. Epub 2019 Mar 18. German. PubMed PMID: 30887074.
13. Gässler H, Fischer M, Wnent J, Seewald S, Helm M. Outcome after pre-hospital cardiac arrest in accordance with underlying cause. *Resuscitation.* 2019 May;138:36-41. doi: 10.1016/j.resuscitation.2019.02.039. Epub 2019 Mar 1. PubMed PMID: 30831217.
14. Wnent J, Bein B, Fischer M; German Resuscitation Registry Steering. Epinephrine in Out-of-Hospital Cardiac Arrest. *N Engl J Med.* 2019 Jan 24;380(4):396-7. doi: 10.1056/NEJMc1816187. PubMed PMID: 30681311.
15. Michels G, Wengenmayer T, Hagl C, Dohmen C, Böttiger BW, Bauersachs J, Markewitz A, Bauer A, Gräsner JT, Pfister R, Ghanem A, Busch HJ, Kreimeier U, Beckmann A, Fischer M, Kill C, Janssens U, Kluge S, Born F, Hoffmeister HM, Preusch M, Boeken U, Riessen R, Thiele H. Recommendations for extracorporeal cardiopulmonary resuscitation (eCPR): consensus statement of DGIIN, DGK, DGTHG, DGfK, DGNI, DGAI, DIVI and GRC. *Clin Res Cardiol.* 2019 May;108(5):455-464. doi: 10.1007/s00392-018-1366-4. Epub 2018 Sep 4. Review. PubMed PMID: 30361819.
16. Bürger A, Wnent J, Bohn A, Jantzen T, Brenner S, Lefering R, Seewald S, Gräsner JT, Fischer M. The Effect of Ambulance Response Time on Survival Following Out-of-Hospital Cardiac Arrest. *Dtsch Arztebl Int.* 2018 Aug 20;115(33-34):541-548. doi: 10.3238/arztebl.2018.0541. PubMed PMID: 30189973; PubMed Central PMCID: PMC6156551.
17. Michels G, Wengenmayer T, Hagl C, Dohmen C, Böttiger BW, Bauersachs J, Markewitz A, Bauer A, Gräsner JT, Pfister R, Ghanem A, Busch HJ, Kreimeier U, Beckmann A, Fischer M, Kill C, Janssens U, Kluge S, Born F, Hoffmeister HM, Preusch M, Boeken U, Riessen R, Thiele H. [Recommendations for extracorporeal cardiopulmonary resuscitation (eCPR) : Consensus statement of DGIIN, DGK, DGTHG,

DGfK, DGNI, DGAI, DIVI and GRC]. *Anaesthesist*. 2018 Aug;67(8):607-616. doi: 10.1007/s00101-018-0473-y. Review. German. PubMed PMID: 30014276.

18. Michels G, Wengenmayer T, Hagl C, Dohmen C, Böttiger BW, Bauersachs J, Markewitz A, Bauer A, Gräsner JT, Pfister R, Ghanem A, Busch HJ, Kreimeier U, Beckmann A, Fischer M, Kill C, Janssens U, Kluge S, Born F, Hoffmeister HM, Preusch M, Boeken U, Riessen R, Thiele H. [Recommendations for extracorporeal cardiopulmonary resuscitation (eCPR) : Consensus statement of DGIIN, DGK, DGTHG, DGfK, DGNI, DGAI, DIVI and GRC]. *Med Klin Intensivmed Notfmed*. 2018 Sep;113(6):478-486. doi: 10.1007/s00063-018-0452-8. German. PubMed PMID: 29967938.
19. Polytrauma Guideline Update Group. Level 3 guideline on the treatment of patients with severe/multiple injuries : AWMF Register-Nr. 012/019. *Eur J Trauma Emerg Surg*. 2018 Apr;44(Suppl 1):3-271. doi: 10.1007/s00068-018-0922-y. PubMed PMID: 29654333.
20. Bernhard M, Behrens NH, Fischer M. [Hypotheses must be tested]. *Anaesthesist*. 2018 May;67(5):381-382. doi: 10.1007/s00101-018-0432-7. German. PubMed PMID: 29594408.
21. Manmohan M, Müller S, Myriam Rauber M, Koberne F, Reisch H, Koster J, Böhm R, Messelken M, Fischer M, Jakob T. Current state of follow-up care for patients with Hymenoptera venom anaphylaxis in southwest Germany: Major impact of early information. *Allergo J Int*. 2018;27(1):4-14. doi: 10.1007/s40629-017-0046-7. Epub 2018 Jan 16. PubMed PMID: 29399436; PubMed Central PMCID: PMC5785614.
22. Bernhard M, Behrens NH, Wnent J, Seewald S, Brenner S, Jantzen T, Bohn A, Gräsner JT, Fischer M. Out-of-hospital airway management during manual compression or automated chest compression devices : A registry-based analysis. *Anaesthesist*. 2018 Feb;67(2):109-117. doi: 10.1007/s00101-017-0401-6. Epub 2018 Jan 4. PubMed PMID: 29302698.
23. Häske D, Böttiger BW, Bouillon B, Fischer M, Gaier G, Gliwitzky B, Helm M, Hilbert-Carius P, Hossfeld B, Meisner C, Schempf B, Wafaisade A, Bernhard M. Analgesia in Patients with Trauma in Emergency Medicine. *Dtsch Arztebl Int*. 2017 Nov 17;114(46):785-792. doi: 10.3238/arztebl.2017.0785. Review. PubMed PMID: 29229039; PubMed Central PMCID: PMC5730701.
24. Luckscheiter A, Fischer M, Zink W. [Different levels of experience with anesthetic agents of German emergency physicians : Results of an online survey]. *Anaesthesist*. 2018 Jan;67(1):9-17. doi: 10.1007/s00101-017-0386-1. Epub 2017 Dec 5. German. PubMed PMID: 29209787.
25. Scholz KH, Andresen D, Böttiger BW, Busch HJ, Fischer M, Frey N, Kelm M, Kill C, Schieffer B, Storm C, Thiele H, Gräsner JT. [Quality indicators and structural requirements for Cardiac Arrest Centers-German Resuscitation Council (GRC)]. *Anaesthesist*. 2017 May;66(5):360-362. doi: 10.1007/s00101-017-0311-7. Review. German. PubMed PMID: 28474242.
26. Scholz KH, Andresen D, Böttiger BW, Busch HJ, Fischer M, Frey N, Kelm M, Kill C, Schieffer B, Storm C, Thiele H, Gräsner JT. [Quality indicators and structural requirements for Cardiac Arrest Centers-German Resuscitation Council (GRC)]. *Med Klin Intensivmed Notfmed*. 2017 Jun;112(5):459-461. doi: 10.1007/s00063-017-0299-4. German. PubMed PMID: 28447142.
27. Schweigkofler U, Flohé S, Hoffmann R, Matthes G, Paffrath T, Wöfl C, Fischer M, Kehrberger E, Marung H, Moecke H, Prückner S, Urban B, Trentzsch H; Fachexperten der Eckpunkt Papier-Konsensusgruppe. [Erratum to: Tracer diagnosis severe injury/polytrauma in key issue paper 2016]. *Unfallchirurg*. 2017 Mar;120(3):272. doi: 10.1007/s00113-017-0320-7. German. PubMed PMID: 28235981.
28. Hilbert-Carius P, Wurmb T, Lier H, Fischer M, Helm M, Lott C, Böttiger BW, Bernhard M. [Care for severely injured persons : Update of the 2016 S3 guideline for the treatment of polytrauma and the

severely injured]. *Anaesthesist*. 2017 Mar;66(3):195-206. doi: 10.1007/s00101-017-0265-9. Review. German. PubMed PMID: 28138737.

29. Hossfeld B, Bein B, Boettiger BW, Bohn A, Fischer M, Graesner JT, Hinkelbein J, Kill C, Lott C, Popp E, Roessler M, Schaumberg A, Wenzel V, Bernhard M. Recommended practice for out-of-hospital emergency anaesthesia in adults: Statement from the Out-of-Hospital Emergency Anaesthesia Working Group of the Emergency Medicine Research Group of the German Society of Anaesthesiology and Intensive Care. *Eur J Anaesthesiol*. 2016 Dec;33(12):881-897. PubMed PMID: 27635954.'
30. Röther J, Dichgans M, Bohn A, Fischer M, Kehrberger E, Moecke H, Prückner S, Trentzsch H, Urban B, Marung H. [Tracer diagnosis stroke]. *Nervenarzt*. 2017 Feb;88(2):180-182. doi: 10.1007/s00115-016-0236-4. German. PubMed PMID: 27798734.
31. Trentzsch H, Fischer M, Kehrberger E, Marung H, Moecke H, Prückner S, Urban B; Fachexperten der Eckpunktepapier-Konsensus-Gruppe. [Key issues paper 2016: specific recommendations for tracer diagnoses]. *Unfallchirurg*. 2016 Nov;119(11):959-960. German. PubMed PMID: 27757486.
32. Mauer UM, Fischer M, Kehrberger E, Moecke H, Prückner S, Trentzsch H, Urban B, Marung H; Fachexperten der Eckpunktepapier-Konsensus-Gruppe. [Consensus Document on the Tracer Diagnosis of Severe Head and Brain Trauma]. *Unfallchirurg*. 2016 Nov;119(11):964-966. German. PubMed PMID: 27757485.
33. Schweigkofler U, Flohé S, Hoffmann R, Matthes G, Paffrath T, Wöfl C, Fischer M, Kehrberger E, Marung H, Moecke H, Prückner S, Urban B, Trentzsch H; Fachexperten der Eckpunktepapier-Konsensus-Gruppe. [Tracer diagnosis severe injury/polytrauma in key issue paper 2016]. *Unfallchirurg*. 2016 Nov;119(11):961-963. German. Erratum in: *Unfallchirurg*. 2017 Mar;120(3):272. PubMed PMID: 27757483.
34. Gräsner JT, Lefering R, Koster RW, Masterson S, Böttiger BW, Herlitz J, Wnent J, Tjelmeland IB, Ortiz FR, Maurer H, Baubin M, Mols P, Hadžibegović I, Ioannides M, Škulec R, Wissenberg M, Salo A, Hubert H, Nikolaou NI, Lóczy G, Svavarsdóttir H, Semeraro F, Wright PJ, Clarens C, Pijls R, Cebula G, Correia VG, Cimpoesu D, Raffay V, Trenkler S, Markota A, Strömsøe A, Burkart R, Perkins GD, Bossaert LL; EuReCa ONE Collaborators. EuReCa ONE-27 Nations, ONE Europe, ONE Registry: A prospective one month analysis of out-of-hospital cardiac arrest outcomes in 27 countries in Europe. *Resuscitation*. 2016 Aug;105:188-95. doi: 10.1016/j.resuscitation.2016.06.004. Epub 2016 Jun 16. Erratum in: *Resuscitation*. 2016 Dec;109 :145-146. PubMed PMID: 27321577.
35. Hilbert-Carius P, Helm M, Lier H, Fischer M, Hofmann G, Lott C, Wurmb T, Bauer M, Winning J, Böttiger BW, Bernhard M. [In order to see clearly it is often sufficient just to change the perspective]. *Unfallchirurg*. 2016 Apr;119(4):323-6. doi: 10.1007/s00113-016-0147-7. German. PubMed PMID: 26879943.
36. Günther A, Harding U, Gietzelt M, Gradaus F, Tute E, Fischer M. [An urban EMS at the start of a cross-sectoral quality management system: prioritized implementation of the 2010 ERC recommendations and long-term survival after cardiac arrest]. *Z Evid Fortbild Qual Gesundheitsw*. 2015;109(9-10):714-24. doi: 10.1016/j.zefq.2015.06.003. Epub 2015 Jul 18. German. PubMed PMID: 26699260.
37. Schewe JC, Kappler J, Heister U, Weber SU, Diepenseifen CJ, Frings B, Hoeft A, Fischer M. Outcome of out-of-hospital cardiac arrest over a period of 15 years in comparison to the RACA score in a physician staffed urban emergency medical service in Germany. *Resuscitation*. 2015 Nov;96:232-8. doi: 10.1016/j.resuscitation.2015.07.025. Epub 2015 Aug 22. PubMed PMID: 26303572.
38. Wnent J, Franz R, Seewald S, Lefering R, Fischer M, Bohn A, Walther JW, Scholz J, Lukas RP, Gräsner JT; German Resuscitation Registry Study Group. Difficult intubation and outcome after out-of-hospital

cardiac arrest: a registry-based analysis. *Scand J Trauma Resusc Emerg Med*. 2015 Jun 6;23:43. doi: 10.1186/s13049-015-0124-0. PubMed PMID: 26048574; PubMed Central PMCID: PMC4457979.

39. Ziemann A, Rosenkötter N, Riesgo LG, Fischer M, Krämer A, Lippert FK, Vergeiner G, Brand H, Krafft T. Meeting the International Health Regulations (2005) surveillance core capacity requirements at the subnational level in Europe: the added value of syndromic surveillance. *BMC Public Health*. 2015 Feb 7;15:107. doi: 10.1186/s12889-015-1421-2. PubMed PMID: 25879869; PubMed Central PMCID: PMC4324797.
40. Gräsner JT, Seewald S, Bohn A, Fischer M, Messelken M, Jantzen T, Wnent J. [German resuscitation registry : science and resuscitation research]. *Anaesthesist*. 2014 Jun;63(6):470-6. doi: 10.1007/s00101-014-2324-9. German. PubMed PMID: 24895005.
41. Wnent J, Geldner G, Werner C, Böttiger BW, Fischer M, Scholz J, Gräsner JT. [Bad Boll resuscitation talks: 10 basic ideas for 10,000 lives]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2014 Mar;49(3):208. doi: 10.1055/s-0034-1372366. Epub 2014 Apr 7. German. PubMed PMID: 24711242.
42. Fischer M, Breil M, Ihli M, Messelken M, Rauch S, Schewe JC. [Mechanical resuscitation assist devices]. *Anaesthesist*. 2014 Mar;63(3):186-97. doi: 10.1007/s00101-013-2265-8. Review. German. PubMed PMID: 24569931.
43. Ziemann A, Rosenkötter N, Garcia-Castrillo Riesgo L, Schrell S, Kahl B, Vergeiner G, Fischer M, Lippert FK, Krämer A, Brand H, Krafft T. A concept for routine emergency-care data-based syndromic surveillance in Europe. *Epidemiol Infect*. 2014 Nov;142(11):2433-46. doi: 10.1017/S0950268813003452. Epub 2014 Jan 24. PubMed PMID: 24476632.
44. Hahn C, Breil M, Schewe JC, Messelken M, Rauch S, Gräsner JT, Wnent J, Seewald S, Bohn A, Fischer M; Study Group German Resuscitation Registry. Hypertonic saline infusion during resuscitation from out-of-hospital cardiac arrest: a matched-pair study from the German Resuscitation Registry. *Resuscitation*. 2014 May;85(5):628-36. doi: 10.1016/j.resuscitation.2013.12.033. Epub 2014 Jan 23. PubMed PMID: 24463222.
45. Baja J, Welker AS, Beck G, Schleppers A, Fischer M, Weiß C. [Professional image of anesthetists in the general public. Influence of provision of information and previous experience with the discipline]. *Anaesthesist*. 2014 Feb;63(2):114-21. doi: 10.1007/s00101-013-2276-5. Epub 2013 Dec 20. German. PubMed PMID: 24352743.
46. Wnent J, Bohn A, Seewald S, Fischer M, Messelken M, Jantzen T, Gräsner I, Gräsner JT. [Bystander resuscitation: the impact of first aid on survival]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2013 Sep;48(9):562-5. doi: 10.1055/s-0033-1355238. Epub 2013 Sep 18. Review. German. PubMed PMID: 24048667.
47. Jantzen T, Fischer M, Müller MP, Seewald S, Wnent J, Gräsner JT. [In-hospital emergency management]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2013 Jun;48(6):414-21; quiz 422. doi: 10.1055/s-0033-1349007. Epub 2013 Jul 4. Review. German. PubMed PMID: 23828085.
48. Wnent J, Gräsner JT, Bohn A, Bein B, Jantzen T, Messelken M, Seewald S, Fischer M. [In-hospital emergency care of patients with in-hospital cardiac arrest]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2013 Jun;48(6):402-5. doi: 10.1055/s-0033-1349005. Epub 2013 Jul 4. German. PubMed PMID: 23828083.
49. Gräsner JT, Wnent J, Seewald S, Neukamm J, Fischer M. [First aid and trauma management: results from the German resuscitation registry]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2012 Nov;47(11-12):724-32. doi: 10.1055/s-0032-1331370. Epub 2012 Dec 12. German. PubMed PMID: 23235904.

50. Wnent J, Seewald S, Heringlake M, Lemke H, Brauer K, Lefering R, Fischer M, Jantzen T, Bein B, Messelken M, Gräsner JT. Choice of hospital after out-of-hospital cardiac arrest--a decision with far-reaching consequences: a study in a large German city. *Crit Care*. 2012 Sep 12;16(5):R164. doi: 10.1186/cc11516. PubMed PMID: 22971320; PubMed Central PMCID: PMC3682259.
51. Lukas RP, Gräsner JT, Seewald S, Lefering R, Weber TP, Van Aken H, Fischer M, Bohn A. Chest compression quality management and return of spontaneous circulation: a matched-pair registry study. *Resuscitation*. 2012 Oct;83(10):1212-8. doi: 10.1016/j.resuscitation.2012.03.027. Epub 2012 Mar 30. PubMed PMID: 22465945.
52. Matthes G, Bernhard M, Kanz KG, Waydhas C, Fischbacher M, Fischer M, Böttiger BW. [Emergency anesthesia, airway management and ventilation in major trauma. Background and key messages of the interdisciplinary S3 guidelines for major trauma patients]. *Unfallchirurg*. 2012 Mar;115(3):251-64; quiz 265-6. doi: 10.1007/s00113-011-2138-z. German. PubMed PMID: 22406918.
53. Neukamm J, Gräsner JT, Schewe JC, Breil M, Bahr J, Heister U, Wnent J, Bohn A, Heller G, Strickmann B, Fischer H, Kill C, Messelken M, Bein B, Lukas R, Meybohm P, Scholz J, Fischer M. The impact of response time reliability on CPR incidence and resuscitation success: a benchmark study from the German Resuscitation Registry. *Crit Care*. 2011;15(6):R282. doi: 10.1186/cc10566. Epub 2011 Nov 24. PubMed PMID: 22112746; PubMed Central PMCID: PMC3388696.
54. Gräsner JT, Wnent J, Seewald S, Meybohm P, Fischer M, Paffrath T, Wafaisade A, Bein B, Lefering R; German Resuscitation Registry Working Group, Trauma Registry of the German Society for Trauma Surgery (DGU). Cardiopulmonary resuscitation traumatic cardiac arrest--there are survivors. An analysis of two national emergency registries. *Crit Care*. 2011;15(6):R276. doi: 10.1186/cc10558. Epub 2011 Nov 22. PubMed PMID: 22108048; PubMed Central PMCID: PMC3388703.
55. Bernhard M, Matthes G, Kanz KG, Waydhas C, Fischbacher M, Fischer M, Böttiger BW. [Emergency anesthesia, airway management and ventilation in major trauma. Background and key messages of the interdisciplinary S3 guidelines for major trauma patients]. *Anaesthesist*. 2011 Nov;60(11):1027-40. doi: 10.1007/s00101-011-1957-1. Review. German. PubMed PMID: 22089890.
56. Breil M, Krep H, Heister U, Bartsch A, Bender R, Schaefer B, Hoeft A, Fischer M. Randomised study of hypertonic saline infusion during resuscitation from out-of-hospital cardiac arrest. *Resuscitation*. 2012 Mar;83(3):347-52. doi: 10.1016/j.resuscitation.2011.09.005. Epub 2011 Sep 19. PubMed PMID: 21939626.
57. Gräsner JT, Meybohm P, Lefering R, Wnent J, Bahr J, Messelken M, Jantzen T, Franz R, Scholz J, Schleppers A, Böttiger BW, Bein B, Fischer M; German Resuscitation Registry Study Group. ROSC after cardiac arrest--the RACA score to predict outcome after out-of-hospital cardiac arrest. *Eur Heart J*. 2011 Jul;32(13):1649-56. doi: 10.1093/eurheartj/ehr107. Epub 2011 Apr 22. PubMed PMID: 21515626.
58. Gräsner JT, Meybohm P, Caliebe A, Böttiger BW, Wnent J, Messelken M, Jantzen T, Zeng T, Strickmann B, Bohn A, Fischer H, Scholz J, Fischer M; German Resuscitation Registry Study Group. Postresuscitation care with mild therapeutic hypothermia and coronary intervention after out-of-hospital cardiopulmonary resuscitation: a prospective registry analysis. *Crit Care*. 2011;15(1):R61. doi: 10.1186/cc10035. Epub 2011 Feb 14. PubMed PMID: 21320342; PubMed Central PMCID: PMC3221994.
59. Fischer M, Kamp J, Garcia-Castrillo Riesgo L, Robertson-Steel I, Overton J, Ziemann A, Krafft T; EED Group. Comparing emergency medical service systems—a project of the European Emergency Data (EED) Project. *Resuscitation*. 2011 Mar;82(3):285-93. doi: 10.1016/j.resuscitation.2010.11.001. Epub 2010 Dec 14. PubMed PMID: 21159417.

60. Messelken M, Kehrberger E, Dirks B, Fischer M. The quality of emergency medical care in baden-württemberg (Germany): four years in focus. *Dtsch Arztebl Int.* 2010 Jul;107(30):523-30. doi: 10.3238/arztebl.2010.0523. Epub 2010 Jul 30. Review. PubMed PMID: 20737058; PubMed Central PMCID: PMC2925343.
61. Schewe JC, Heister U, Fischer M. Using a load-distributing-band chest compression device during long warm ischemic time. *Resuscitation.* 2009 Jun;80(6):716; author reply 717. doi: 10.1016/j.resuscitation.2009.03.030. Epub 2009 May 2. PubMed PMID: 19411129.
62. Gräsner JT, Meybohm P, Fischer M, Bein B, Wnent J, Franz R, Zander J, Lemke H, Bahr J, Jantzen T, Messelken M, Dörge V, Böttiger BW, Scholz J. A national resuscitation registry of out-of-hospital cardiac arrest in Germany-a pilot study. *Resuscitation.* 2009 Feb;80(2):199-203. doi: 10.1016/j.resuscitation.2008.10.008. Epub 2008 Dec 9. PubMed PMID: 19081171.
63. Gräsner JT, Messelken M, Fischer M, Jantzen T, Bahr J, Böttiger BW, Dörge V, Franz R, Gries A, Krieter H, Schüttler J, Wnent J, Zander JF, Scholz J. [The DGAI CPR registry - the datasets "hospital care" and "long-term process"]. *Anesthesiol Intensivmed Notfallmed Schmerzther.* 2008 Oct;43(10):706-9. doi: 10.1055/s-0028-1102989. Epub 2008 Oct 28. German. PubMed PMID: 18958824.
64. Krep H, Mamier M, Breil M, Heister U, Fischer M, Hoeft A. Out-of-hospital cardiopulmonary resuscitation with the AutoPulse system: a prospective observational study with a new load-distributing band chest compression device. *Resuscitation.* 2007 Apr;73(1):86-95. Epub 2007 Jan 24. PubMed PMID: 17254691.
65. Bender R, Breil M, Heister U, Dahmen A, Hoeft A, Krep H, Fischer M. Hypertonic saline during CPR: Feasibility and safety of a new protocol of fluid management during resuscitation. *Resuscitation.* 2007 Jan;72(1):74-81. Epub 2006 Nov 13. PubMed PMID: 17095134.
66. Wenzel V, Russo S, Arntz HR, Bahr J, Baubin MA, Böttiger BW, Dirks B, Dörge V, Eich C, Fischer M, Wolcke B, Schwab S, Voelckel WG, Gervais HW; European Resuscitation Council. [The new 2005 resuscitation guidelines of the European Resuscitation Council: comments and supplements]. *Anaesthetist.* 2006 Sep;55(9):958-66, 968-72, 974-9. Review. German. PubMed PMID: 16915404.
67. Martin J, Franck M, Fischer M, Spies C. Sedation and analgesia in German intensive care units: how is it done in reality? Results of a patient-based survey of analgesia and sedation. *Intensive Care Med.* 2006 Aug;32(8):1137-42. Epub 2006 Jun 2. PubMed PMID: 16741692.
68. Schewe JC, Heister U, Fischer M, Hoeft A. [Accidental urban hypothermia. Severe hypothermia of 20.7 degrees C]. *Anaesthetist.* 2005 Oct;54(10):1005-11. German. PubMed PMID: 15995856.
69. Martin J, Parsch A, Franck M, Wernecke KD, Fischer M, Spies C. Practice of sedation and analgesia in German intensive care units: results of a national survey. *Crit Care.* 2005 Apr;9(2):R117-23. Epub 2005 Jan 26. PubMed PMID: 15774043; PubMed Central PMCID: PMC1175921.
70. Krep H, Breil M, Sinn D, Hagedorff A, Hoeft A, Fischer M. Effects of hypertonic versus isotonic infusion therapy on regional cerebral blood flow after experimental cardiac arrest cardiopulmonary resuscitation in pigs. *Resuscitation.* 2004 Oct;63(1):73-83. PubMed PMID: 15451589.
71. Holzer M, Sterz F; Hypothermia After Cardiac Arrest Study Group. Therapeutic hypothermia after cardiopulmonary resuscitation. *Expert Rev Cardiovasc Ther.* 2003 Jul;1(2):317-25. Review. PubMed PMID: 15030290.
72. Wrigge H, Uhlig U, Zinserling J, Behrends-Callsen E, Ottersbach G, Fischer M, Uhlig S, Putensen C. The effects of different ventilatory settings on pulmonary and systemic inflammatory responses during major surgery. *Anesth Analg.* 2004 Mar;98(3):775-81, table of contents. PubMed PMID: 14980936.

73. Krafft T, García Castrillo-Riesgo L, Edwards S, Fischer M, Overton J, Robertson-Steel I, König A. European Emergency Data Project (EED Project): EMS data-based health surveillance system. *Eur J Public Health*. 2003 Sep;13(3 Suppl):85-90. PubMed PMID: 14533755.
74. Fischer M, Krep H, Wierich D, Heister U, Hoeft A, Edwards S, Castrillo-Riesgo LG, Krafft T. [Comparison of the emergency medical services systems of Birmingham and Bonn: process efficacy and cost effectiveness]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2003 Oct;38(10):630-42. German. PubMed PMID: 14508702.
75. Krep H, Böttiger BW, Bock C, Kerskens CM, Radermacher B, Fischer M, Hoehn M, Hossmann KA. Time course of circulatory and metabolic recovery of cat brain after cardiac arrest assessed by perfusion- and diffusion-weighted imaging and MR-spectroscopy. *Resuscitation*. 2003 Sep;58(3):337-48. PubMed PMID: 12969612.
76. Krep H, Fischer M, Hoeft A. Endothelin-1 elevates regional cerebral perfusion during prolonged ventricular fibrillation cardiac arrest in pigs. *Resuscitation*. 2003 Jun;57(3):317-8. PubMed PMID: 12804812.
77. Breil M, Krep H, Sinn D, Hagendorff A, Dahmen A, Eichelkraut W, Hoeft A, Fischer M. Hypertonic saline improves myocardial blood flow during CPR, but is not enhanced further by the addition of hydroxy ethyl starch. *Resuscitation*. 2003 Mar;56(3):307-17. PubMed PMID: 12628562.
78. Fischer M, Dahmen A, Standop J, Hagendorff A, Hoeft A, Krep H. Effects of hypertonic saline on myocardial blood flow in a porcine model of prolonged cardiac arrest. *Resuscitation*. 2002 Sep;54(3):269-80. PubMed PMID: 12204461.
79. Hypothermia after Cardiac Arrest Study Group. Mild therapeutic hypothermia to improve the neurologic outcome after cardiac arrest. *N Engl J Med*. 2002 Feb 21;346(8):549-56. Erratum in: *N Engl J Med* 2002 May 30;346(22):1756. PubMed PMID: 11856793.
80. Henn P, Steuer K, Fischer A, Fischer M. [Effectiveness of morphine by periarticular injections after shoulder arthroscopy]. *Anaesthesist*. 2000 Aug;49(8):721-4. German. Erratum in: *Anaesthesist*. 2000 Oct;49(10):912. PubMed PMID: 11013775.
81. Herlitz J, Bahr J, Fischer M, Kuisma M, Lexow K, Thorgeirsson G. Resuscitation in Europe: a tale of five European regions. *Resuscitation*. 1999 Jul;41(2):121-31. PubMed PMID: 10488934.
82. Henneke-Minas G, Fischer M. [Thrombolytic therapy in the pre-hospital phase: theoretical advantage or real benefit for patient outcome?: Pro]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 1998 Jul;33(7):457-8. German. PubMed PMID: 9728263.
83. Rehberg B, Rüschnner R, Fischer M, Ebeling BJ, Hoeft A. [Concentration-dependent changes in the latency and amplitude of somatosensory-evoked potentials by desflurane, isoflurane and sevoflurane]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 1998 Jul;33(7):425-9. German. PubMed PMID: 9728260.
84. Böttiger BW, Fischer M. [Lysis therapy for improving cerebral reperfusion after heart arrest?]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 1997 Sep;32(2 Suppl):S280-5. Review. German. PubMed PMID: 9417246.
85. Fischer M, Fischer NJ, Schüttler J. One-year survival after out-of-hospital cardiac arrest in Bonn city: outcome report according to the 'Utstein style'. *Resuscitation*. 1997 Jan;33(3):233-43. PubMed PMID: 9044496.

86. Fischer M, Böttiger BW, Popov-Cenic S, Hossmann KA. Thrombolysis using plasminogen activator and heparin reduces cerebral no-reflow after resuscitation from cardiac arrest: an experimental study in the cat. *Intensive Care Med.* 1996 Nov;22(11):1214-23. PubMed PMID: 9120116.
87. Fischer M, Hossmann KA. Volume expansion during cardiopulmonary resuscitation reduces cerebral no-reflow. *Resuscitation.* 1996 Oct;32(3):227-40. Review. PubMed PMID: 8923586.
88. Vaagenes P, Ginsberg M, Ebmeyer U, Ernster L, Fischer M, Gisvold SE, Gurvitch A, Hossmann KA, Nemoto EM, Radovsky A, Severinghaus JW, Safar P, Schlichtig R, Sterz F, Tonnessen T, White RJ, Xiao F, Zhou Y. Cerebral resuscitation from cardiac arrest: pathophysiologic mechanisms. *Crit Care Med.* 1996 Feb;24(2 Suppl):S57-68. Review. PubMed PMID: 8608707.
89. Schmitz B, Fischer M, Bockhorst K, Hoehn-Berlage M, Hossmann KA. Resuscitation from cardiac arrest in cats: influence of epinephrine dosage on brain recovery. *Resuscitation.* 1995 Dec;30(3):251-62. PubMed PMID: 8867715.
90. Schüttler J, Schmitz B, Bartsch AC, Fischer M. [The efficiency of emergency therapy in patients with head-brain, multiple injury. Quality assurance in emergency medicine]. *Anaesthesist.* 1995 Dec;44(12):850-8. German. PubMed PMID: 8594959.
91. Fischer M, Fischer N, Schüttler J. [Which dosage concept for adrenaline is correct in cardiopulmonary resuscitation? A data analysis of preclinical resuscitations]. *Anesthesiol Intensivmed Notfallmed Schmerzther.* 1995 Oct;30(6):350-6. German. PubMed PMID: 8541436.
92. Fischer M, Hossmann KA. No-reflow after cardiac arrest. *Intensive Care Med.* 1995 Feb;21(2):132-41. PubMed PMID: 7775694.
93. Fischer M, Bockhorst K, Hoehn-Berlage M, Schmitz B, Hossmann KA. Imaging of the apparent diffusion coefficient for the evaluation of cerebral metabolic recovery after cardiac arrest. *Magn Reson Imaging.* 1995;13(6):781-90. PubMed PMID: 8544649.
94. Hossmann KA, Fischer M, Bockhorst K, Hoehn-Berlage M. NMR imaging of the apparent diffusion coefficient (ADC) for the evaluation of metabolic suppression and recovery after prolonged cerebral ischemia. *J Cereb Blood Flow Metab.* 1994 Sep;14(5):723-31. PubMed PMID: 8063868.
95. Hörnchen U, Fischer M, Lauen PM, Hahn N. [The cardiotoxicity of bupivacaine during pacemaker stimulation is dependent on the stimulation frequency. Results of an experimental study]. *Anaesthesist.* 1993 Jun;42(6):350-5. German. Erratum in: *Anaesthesist* 1993 Jul;42(7):472. PubMed PMID: 8342743.
96. Murday HK, Jungblut M, Limberg NJ, Fischer M, Likungu J, Kirchhoff PG. [The influence of the new phosphodiesterase inhibitor enoximone in patients with an acute catecholamine-refractory heart insufficiency during open-heart surgery]. *Anesthesiol Intensivmed Notfallmed Schmerzther.* 1993 May;28(3):161-7. German. PubMed PMID: 8318600.
97. Fischer M, Moskopp D, Nadstawek J, Ries F. [Total intravenous anesthesia using propofol and alfentanil as compared to combined inhalation anesthesia reduces the flow velocity in the middle cerebral artery. A Doppler sonographic study]. *Anaesthesist.* 1992 Jan;41(1):15-20. German. PubMed PMID: 1536436.