

March-April 2020
COVID19 Issue of
Prehospital Emergency Services Current Awareness Bulletin
With thanks to Matt Holland, LKS ASE Librarian

All articles are OPEN ACCESS

[Prehospital Practitioners – Professional Issues & PPE](#)
[Patient Profile](#)
[Prehospital Research – Methods and Discussion](#)
[Helicopter Emergency Medical Services \(HEMS\) and Air Medical](#)
[Diagnosis and Triage](#)
[On-Scene Interventions](#)
[Airway Management, Resuscitation & CPR](#)

Prehospital Practitioners – Professional Issues & PPE

All articles are OPEN ACCESS

Avery Joanna and Bloom Benjamin COVID-19, a UK perspective [Journal] // European Journal of Emergency Medicine. - [s.l.] : NLM (Medline), 6 1, 2020. - 3 : Vol. 27. - pp. 156-157. – <http://doi.org/10.1097/MEJ.0000000000000700>

Bartoszek Jessica J. [et al.] Medical masks vs N95 respirators for preventing COVID-19 in healthcare workers: A systematic review and meta-analysis of randomized trials [Journal] // Influenza and Other Respiratory Viruses. - [s.l.] : Blackwell Publishing Ltd, 4 21, 2020. - p. irv.12745. – <http://doi.org/10.1111/irv.12745>

Boehrer Brad [et al.] An Emergency Amendment to the National Scope of Practice for Paramedics in the Setting of a Global Pandemic [Journal] // The Journal of Rural Health. - [s.l.] : Wiley, 4 11, 2020. – <http://doi.org/10.1111/jrh.12441>

Body Richard [et al.] Global crisis: Em and EMJ respond // Emergency Medicine Journal. - [s.l.] : BMJ Publishing Group, 5 1, 2020. - Vol. 37. - pp. 250-251. – <http://doi.org/10.1136/emermed-2020-209679>

Buick Jason E. [et al.] COVID-19: What Paramedics Need to Know! [Journal] // CJEM. - [s.l.] : Cambridge University Press (CUP), 4 15, 2020. - pp. 1-9. – <http://doi.org/10.1017/cem.2020.367>

Cabello Ignacio Ricci [et al.] Impact of viral epidemic outbreaks on mental health of healthcare workers: a rapid systematic review [Journal] // medRxiv. - [s.l.] : Cold Spring Harbor Laboratory Press, 4 6, 2020. - 6 : Vol. 4. - p. 2020.04.02.20048892. – <http://doi.org/10.1101/2020.04.02.20048892>

Chien Li-Chien, Beÿ Christian K and Koenig Kristi L A Positive-Pressure Environment Disposable Shield (PEDS) for COVID-19 Health Care Worker Protection. [Journal] // Prehospital and disaster medicine. - [s.l.] : Prehosp Disaster Med, 5 13, 2020. - pp. 1-11. – <http://doi.org/10.1017/S1049023X20000643>

Chin Alex W H [et al.] Stability of SARS-CoV-2 in different environmental conditions [Journal] // The Lancet Microbe. - [s.l.] : Elsevier BV, 4 1, 2020. - 1 : Vol. 1. - p. e10. – [http://doi.org/10.1016/s2666-5247\(20\)30003-3](http://doi.org/10.1016/s2666-5247(20)30003-3)

Clemency Brian M [et al.] Symptom Criteria for COVID-19 Testing of Health Care Workers [Journal] // Academic Emergency Medicine. - [s.l.] : John Wiley & Sons, Ltd, 5 12, 2020. - p. acem.14009. – <http://doi.org/10.1111/acem.14009> .

Coronavirus (COVID-19) Update: Reusing Face Masks and N95 Respirators | Coronavirus (COVID19) | JN Learning | AMA Ed Hub [Online]. - <https://edhub.ama-assn.org/jn-learning/audio-player/18433414>

COVID-19 Recommendations: Prehospital Emergency Medical Services (EMS) - PAHO/WHO | Pan American Health Organization [Online]. - <https://www.paho.org/en/documents/covid-19-recommendations-prehospital-emergency-medical-services-ems>

COVID-19: emergency medicine perspectives from Hong Kong : European Journal of Emergency Medicine [Online]. - https://journals.lww.com/euro-emergencymed/Fulltext/2020/06000/COVID_19_emergency_medicine_perspectives_from.5.aspx

DePierro Jonathan, Lowe Sandra and Katz Craig Lessons learned from 9/11: Mental health perspectives on the COVID-19 pandemic [Journal] // Psychiatry Research. - [s.l.] : Elsevier Ireland Ltd, 6 1, 2020. - Vol. 288. - p. 113024. – <http://doi.org/10.1016/j.psychres.2020.113024>

Desai Angel N. and Aronoff David M. Masks and Coronavirus Disease 2019 (COVID-19) // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 2020. – <http://doi.org/10.1001/jama.2020.6437>

Emergency Services and the Fight Against the SARS-CoV-2 Pandemic - PubMed [Online]. - <https://pubmed.ncbi.nlm.nih.gov/32395920/>

Ehrlich Haley, Mckenney Mark and Elkbuli Adel Journal Pre-proof Strategic planning and recommendations for healthcare workers during the COVID-19 pandemic [Journal] // American Journal of Emergency Medicine. - 2020. – <http://doi.org/10.1016/j.ajem.2020.03.057>

Feldman Oren [et al.] Exposure to a Surrogate Measure of Contamination From Simulated Patients by Emergency Department Personnel Wearing Personal Protective Equipment [Journal] // JAMA - Journal of the American Medical Association. - 2020. - C. - pp. 4-5. – <http://doi.org/10.1001/jama.2020.6633>

Forster Christopher Could mindfulness activity improve occupational health in UK paramedics? [Journal] // Journal of Paramedic Practice. - [s.l.] : MA Healthcare London , 5 2, 2020. - 5 : Vol. 12. - pp. 186-192. – <http://doi.org/10.12968/jpar.2020.12.5.186>

Freund Yonathan The challenge of emergency medicine facing the COVID-19 outbreak [Journal] // European journal of emergency medicine : official journal of the European Society for Emergency Medicine. - [s.l.] : NLM (Medline), 6 1, 2020. - 3 : Vol. 27. – <http://doi.org/10.1097/MEJ.0000000000000699>

Gan Connie Cai Ru, Tseng Yu Chi and Lee Kuan I. Acrylic window as physical barrier for Personal Protective Equipment (PPE) conservation // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 2020. - Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.04.044>

Garcia-Castrillo Luis [et al.] European Society For Emergency Medicine position paper on emergency medical systems response to COVID-19 [Journal] // European journal of emergency medicine : official journal of the European Society for Emergency Medicine. - [s.l.] : NLM (Medline), 6 1, 2020. - 3 : Vol. 27. –

<http://doi.org/10.1097/MEJ.0000000000000701>

Greenberg Neil [et al.] Managing mental health challenges faced by healthcare workers during covid-19 pandemic // The BMJ. - [s.l.] : BMJ Publishing Group, 3 26, 2020. - Vol. 368. –

<http://doi.org/10.1136/bmj.m1211>

Grossman Julie [et al.] Institution of a Novel Process for N95 Respirator Disinfection with Vaporized Hydrogen Peroxide in the setting of the COVID-19 Pandemic at a Large Academic Medical Center [Journal] // Journal of American College of Surgeons. - [s.l.] : J Am Coll Surg, 2020. – <http://doi.org/10.1016/j.jamcollsurg.2020.04.029>

Hu Yuli [et al.] Prevention of fogging of protective eyewear for medical staff during the COVID-19 pandemic [Journal] // Journal of Emergency Nursing. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.jen.2020.05.003>

Jaffe Eli [et al.] The role of emergency medical services in containing COVID-19 // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 2020. - Vol. 0. –

<http://10.1016/j.ajem.2020.04.023>

Jefferson Tom [et al.] Physical interventions to interrupt or reduce the spread of respiratory viruses. Part 1 - Face masks, eye protection and person distancing: systematic review and meta-analysis [Journal] // medRxiv. - [s.l.] : Cold Spring Harbor Laboratory Press, 4 7, 2020. - p. 2020.03.30.20047217. – <http://doi.org/10.1101/2020.03.30.20047217>

Kampf G. [et al.] Persistence of coronaviruses on inanimate surfaces and their inactivation with biocidal agents // Journal of Hospital Infection. - [s.l.] : W.B. Saunders Ltd, 3 1, 2020. - Vol. 104. - pp. 246-251. – <http://doi.org/10.1016/j.jhin.2020.01.022>

Koenig Kristi, Bey Christian and McDonald Eric 2019-nCoV: The Identify-Isolate-Inform (3I) Tool Applied to a Novel Emerging Coronavirus [Journal] // Western Journal of Emergency Medicine. - [s.l.] : Western Journal of Emergency Medicine, 1 31, 2020. - 2 : Vol. 21. - pp. 184-190. – <http://doi.org/10.5811/westjem.2020.1.46760>

Long Youlin [et al.] Effectiveness of N95 respirators versus surgical masks against influenza: A systematic review and meta-analysis [Journal] // Journal of Evidence-Based Medicine. - [s.l.] : Blackwell Publishing, 3 13, 2020. - p. jebm.12381. –

<http://doi.org/10.1111/jebm.12381>

Mahase Elisabeth Covid-19: What is the evidence for cloth masks? [Journal] // BMJ (Clinical research ed.). - [s.l.] : NLM (Medline), 4 7, 2020. - Vol. 369. - p. m1422. –

<http://doi.org/10.1136/bmj.m1422>

Markwell Alexandra [et al.] Clinical and ethical challenges for emergency departments during communicable disease outbreaks: Can lessons from Ebola Virus Disease be applied to the COVID -19 pandemic? [Journal] // Emergency Medicine Australasia. - [s.l.] : Wiley, 5 5, 2020. - pp. 1742-6723.13514. – <http://doi.org/10.1111/1742-6723.13514> .

Martel Marc L. and Reardon Robert F. Aerosol Barrier Hood for Use in the Management of Critically Ill Adults With COVID-19 [Journal] // Annals of Emergency Medicine. - [s.l.] : Elsevier BV, 4 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.annemergmed.2020.04.030>

McLean Samuel A. A Critical COVID Metric: Your ED Staff Infection Rate [Journal] // Academic Emergency Medicine. - [s.l.] : Blackwell Publishing Inc., 4 1, 2020. - 4 : Vol. 27. - pp. 341-342. – <http://doi.org/10.1111/acem.13974>

Mitchell Rob and Banks Colin Emergency departments and the COVID-19 pandemic: Making the most of limited resources // Emergency Medicine Journal. - [s.l.] : BMJ Publishing Group, 5 1, 2020. - Vol. 37. - pp. 258-259. – <http://doi.org/10.1136/emered-2020-209660>

Möckel Martin [et al.] How emergency departments prepare for virus disease outbreaks like COVID-19 [Journal] // European journal of emergency medicine : official journal of the European Society for Emergency Medicine. - [s.l.] : NLM (Medline), 6 1, 2020. – <http://doi.org/10.1097/MEJ.0000000000000703>

National Academies of Sciences Engineering, and Medicine Rapid Expert Consultation on the Possibility of Bioaerosol Spread of SARS-CoV-2 for the COVID-19 Pandemic (April 1, 2020) [Book]. - [s.l.] : National Academies Press, 2020. – <http://doi.org/10.17226/25769>

Lin Li Wei and Hung Tzu Yao Swivel-HEPA-ETT (SHE) bougie and HEPA-ETT (HE) methods for safe intubation while managing patients with COVID-19 // Emergency Medicine Journal. - [s.l.] : BMJ Publishing Group, 5 1, 2020. - Vol. 37. - pp. 256-257. – <http://doi.org/10.1136/emered-2020-209625>

Ong Jonathan J.Y. [et al.] Headaches Associated With Personal Protective Equipment – A Cross-Sectional Study Among Frontline Healthcare Workers During COVID-19 [Journal] // Headache. - [s.l.] : Blackwell Publishing Inc., 5 1, 2020. - 5 : Vol. 60. – <http://doi.org/10.1111/head.13811>

Ong Sean Wei Xiang [et al.] Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) from a Symptomatic Patient // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 4 28, 2020. - Vol. 323. - pp. 1610-1612. – <http://doi.org/10.1001/jama.2020.3227>

Otter J. A. [et al.] Transmission of SARS and MERS coronaviruses and influenza virus in healthcare settings: The possible role of dry surface contamination // Journal of Hospital Infection. - [s.l.] : W.B. Saunders Ltd, 3 1, 2016. - Vol. 92. - pp. 235-250. – <http://doi.org/10.1016/j.jhin.2015.08.027>

Peate Ian From epidemic to pandemic [Journal] // Journal of Paramedic Practice. - [s.l.] : Mark Allen Group, 4 2, 2020. - 4 : Vol. 12. - pp. 135-135. –
<http://doi.org/10.12968/jpar.2020.12.4.135>

Perkins Andre [et al.] Pandemic pupils: COVID-19 and the impact on student paramedics // Australasian Journal of Paramedicine. - [s.l.] : Paramedics Australasia, 5 1, 2020. - Vol. 17. –
<http://doi.org/10.33151/ajp.17.811>

Poonian Jasmine [et al.] Managing Healthcare Worker Wellbeing in an Australian Emergency Department during The <scp>COVID</scp>-19 Pandemic [Journal] // Emergency Medicine Australasia. - [s.l.] : John Wiley & Sons, Ltd, 5 9, 2020. - pp. 1742-6723.13547. –
<http://doi.org/10.1111/1742-6723.13547>

Santarone Kristen, McKenney Mark and Elkbuli Adel Preserving mental health and resilience in frontline healthcare workers during COVID-19 // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 2020. - Vol. 0. –
<http://doi.org/10.1016/j.ajem.2020.04.030>

Sayburn Anna Covid-19: PHE upgrades PPE advice for all patient contacts with risk of infection [Journal] // BMJ (Clinical research ed.). - [s.l.] : NLM (Medline), 4 3, 2020. - Vol. 369. - p. m1391. – <http://doi.org/10.1136/bmj.m1391>

Semeraro Federico [et al.] An integrated response to the impact of coronavirus outbreak on the Emergency Medical Services of Emilia Romagna [Journal]. - 2020. -
[https://www.resuscitationjournal.com/article/S0300-9572\(20\)30114-3/pdf](https://www.resuscitationjournal.com/article/S0300-9572(20)30114-3/pdf)

Shaban Ramon Z. Paramedic knowledge of infection control principles and standards in an Australian emergency medical system (EMS) [Journal] // Australian Infection Control. - [s.l.] : Elsevier BV, 3 2006. - 1 : Vol. 11. - pp. 13-19. – <http://doi.org/10.1071/hi06013>

Shanafelt Tait, Ripp Jonathan and Trockel Mickey Understanding and Addressing Sources of Anxiety among Health Care Professionals during the COVID-19 Pandemic // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 2020. –
<http://doi.org/10.1001/jama.2020.5893>

Smereka Jacek [et al.] Role of mask/respirator protection against SARS-CoV-2 [Journal] // Anesthesia & Analgesia. - [s.l.] : Ovid Technologies (Wolters Kluwer Health), 4 2020. - p. 1. –
<http://doi.org/10.1213/ane.0000000000004873>

Smereka Jacek and Szarpak Lukasz The use of personal protective equipment in the COVID-19 pandemic era // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 2020. - Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.04.028>

Turner Seth [et al.] Systematic Review of Evidence-Based Guidelines for Prehospital Care [Journal] // Prehospital Emergency Care. - [s.l.] : Informa UK Limited, 4 14, 2020. - pp. 1-21. –
<http://doi.org/10.1080/10903127.2020.1754978> .

Ventura Christian, Gibson Cody and Collier George Donald Emergency Medical Services resource capacity and competency amid COVID-19 in the United States: preliminary findings from a national survey [Journal] // Heliyon. - [s.l.] : Heliyon, 5 2020. - 5 : Vol. 6. - p. e03900. – <http://doi.org/10.1016/j.heliyon.2020.e03900>

Walensky Rochelle P. and Del Rio Carlos From Mitigation to Containment of the COVID-19 Pandemic: Putting the SARS-CoV-2 Genie Back in the Bottle // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 2020. – <http://doi.org/10.1001/jama.2020.6572>

Walton Matthew, Murray Esther and Christian Michael D Mental health care for medical staff and affiliated healthcare workers during the COVID-19 pandemic [Journal] // European Heart Journal: Acute Cardiovascular Care. - [s.l.] : Eur Heart J Acute Cardiovasc Care, 2020. - p. 204887262092279. – <https://journals.sagepub.com/doi/full/10.1177/2048872620922795>

Wong Ambrose H. [et al.] Healing the Healer: Protecting Emergency Healthcare Workers' Mental Health During COVID-19 [Journal] // Annals of Emergency Medicine. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.annemergmed.2020.04.041>

What is the efficacy of eye protection equipment compared to no eye protection equipment in preventing transmission of COVID-19-type respiratory illnesses in primary and community care? - CEBM [Online]. - <https://www.cebm.net/covid-19/what-is-the-efficacy-of-eye-protection-equipment-compared-to-no-eye-protection-equipment-in-preventing-transmission-of-covid-19-type-respiratory-illnesses-in-primary-and-community-care/>

Patient Profile

All articles are OPEN ACCESS

Lemoine Sabine [et al.] COVID-19 in pediatric patients: What the prehospital teams need to know. [Journal] // Archives de pediatrie : organe officiel de la Societe francaise de pediatrie. - [s.l.] : Arch Pediatr, 5 6, 2020. – <http://doi.org/10.1016/j.arcped.2020.05.003>

Lightfoot Joshua, Harris Daniel and Haustead Daniel Challenge of managing patients with COVID -19 and acute behavioural disturbances [Journal] // Emergency Medicine Australasia. - [s.l.] : Wiley, 4 28, 2020. - pp. 1742-6723.13522. – <https://onlinelibrary.wiley.com/doi/full/10.1111/1742-6723.13522>

Prehospital Research – Methods and Discussion

All articles are OPEN ACCESS

Haleem Abid [et al.] Areas of academic research with the impact of COVID-19 // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 2020. - Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.04.022>

Helicopter Emergency Medical Services (HEMS) and Air Medical

All articles are OPEN ACCESS

Kumar Santosh AMPA Position Statement on COVID-19 [Journal]. - 2020. - <http://doi.org/10.1016/j.amj.2020.03.006>

Diagnosis and Triage

All articles are OPEN ACCESS

Ayebare Rodgers R. [et al.] Adoption of COVID-19 triage strategies for low-income settings // The Lancet Respiratory Medicine. - [s.l.] : Lancet Publishing Group, 4 1, 2020. - Vol. 8. - p. e22. – [http://doi.org/10.1016/S2213-2600\(20\)30114-4](http://doi.org/10.1016/S2213-2600(20)30114-4)

Baroutjian Amanda, McKenney Mark and Elkbuli Adel The impact on outcomes of the ACS committee on trauma delayed trauma center verifications secondary to COVID19 [Journal] // The American Journal of Emergency Medicine. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.04.087>

Chan Kok Hoe [et al.] Weakness and elevated creatinine kinase as the initial presentation of coronavirus disease 2019 (COVID-19) [Journal] // The American Journal of Emergency Medicine. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.05.015>

Dockery Dominique M. [et al.] The Ocular Manifestations and Transmission of COVID-19; Recommendations for Prevention [Journal] // The Journal of Emergency Medicine. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.jemermed.2020.04.060>

Dommasch M. and Spinner C. D. Triage strategy for suspected cases of COVID-19 with increasing numbers of patients // Notfall und Rettungsmedizin. - [s.l.] : Springer Medizin, 5 1, 2020. - Vol. 23. - pp. 163-164. – <http://doi.org/10.1007/s10049-020-00700-z>

Ehrlich Haley, McKenney Mark and Elkbuli Adel Protecting our healthcare workers during the COVID-19 pandemic // American Journal of Emergency Medicine. - [s.l.] : W.B. Saunders, 2020. - Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.04.024>

Eliezer Michael [et al.] Sudden and Complete Olfactory Loss Function as a Possible Symptom of COVID-19 // JAMA Otolaryngology - Head and Neck Surgery. - [s.l.] : American Medical Association, 2020. - pp. E1-E2. – <http://doi.org/10.1001/jamaoto.2020.0832>

Goyal Mayank [et al.] Prehospital Triage of Acute Stroke Patients During the COVID-19 Pandemic. [Journal] // Stroke. - [s.l.] : Stroke, 5 13, 2020. - p. STROKEAHA120030340. – <http://doi.org/10.1161/STROKEAHA.120.030340>

Glauser Wendy Proposed protocol to keep COVID-19 out of hospitals [Journal] // CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne. - [s.l.] : NLM (Medline), 3 9, 2020. - 10 : Vol. 192. - pp. E264-E265. – <http://doi.org/10.1503/cmaj.1095852>

Higginson Ray Distinguishing the novel coronavirus from influenza [Journal] // Journal of Paramedic Practice. - [s.l.] : Mark Allen Group, 4 2, 2020. - 4 : Vol. 12. - pp. 136-137. – <http://doi.org/10.12968/jpar.2020.12.4.136>

Higginson Ray [et al.] Paramedics and pneumonia associated with COVID-19 [Journal] // Journal of Paramedic Practice. - [s.l.] : MA Healthcare London , 5 2, 2020. - 5 : Vol. 12. - pp. 179-185. – <http://doi.org/10.12968/jpar.2020.12.5.179>

Hogan Catherine A., Sahoo Malaya K. and Pinsky Benjamin A. Sample Pooling as a Strategy to Detect Community Transmission of SARS-CoV-2 // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 2020. – <http://doi.org/10.1001/jama.2020.5445>

Jin Ying Hui [et al.] A rapid advice guideline for the diagnosis and treatment of 2019 novel coronavirus (2019-nCoV) infected pneumonia (standard version) // Military Medical Research. - [s.l.] : BioMed Central Ltd., 2 6, 2020. - Vol. 7. - p. 4. – <http://doi.org/10.1186/s40779-020-0233-6>

Joob Beuy and Wiwanitkit Viroj Atypical presentation of COVID-19 [Journal] // The American Journal of Emergency Medicine. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.ajem.2020.05.019>

O'Reilly GM [et al.] Epidemiology and clinical features of emergency department patients with suspected COVID-19: Initial results from the <scp>COVED</scp> Quality Improvement Project (COVED-19) [Journal] // Emergency Medicine Australasia. - [s.l.] : John Wiley & Sons, Ltd, 5 7, 2020. - pp. 1742-6723.13540. – <http://doi.org/10.1111/1742-6723.13540>

Piliego Chiara [et al.] The ultrasound guided triage: a new tool for prehospital management of COVID-19 pandemic. [Journal] // Anesthesia and analgesia. - [s.l.] : Anesth Analg, 2020. – <http://doi.org/10.1213/ANE.0000000000004920>

Richardson Safiya [et al.] Presenting Characteristics, Comorbidities, and Outcomes Among 5700 Patients Hospitalized With COVID-19 in the New York City Area [Journal] // JAMA. - [s.l.] : American Medical Association (AMA), 4 22, 2020. – <http://doi.org/10.1001/jama.2020.6775>

Schuklenk Udo COVID19: Why justice and transparency in hospital triage policies are paramount [Journal] // Bioethics. - [s.l.] : Blackwell Publishing Ltd, 5 1, 2020. - 4 : Vol. 34. - pp. 325-327. – <http://doi.org/10.1111/bioe.12744>

Spinato Giacomo [et al.] Alterations in Smell or Taste in Mildly Symptomatic Outpatients with SARS-CoV-2 Infection // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 2020. – <http://doi.org/10.1001/jama.2020.6771>

Tang Sammer [et al.] The new coronavirus disease: what do we know so far? [Journal] // Journal of Paramedic Practice. - [s.l.] : MA Healthcare London , 5 2, 2020. - 5 : Vol. 12. - pp. 193-201. – <http://doi.org/10.12968/jpar.2020.12.5.193>

Wee Liang En [et al.] Containing COVID-19 in the emergency room: the role of improved case detection and segregation of suspect cases [Journal] // Academic emergency medicine : official journal of the Society for Academic Emergency Medicine / ed. Kline Jeffrey A. - [s.l.] : NLM (Medline), 4 12, 2020. - 5 : Vol. 27. - pp. 379-387. – <http://doi.org/10.1111/acem.13984>

Whiting Penny and Elwenspoek Martha Accuracy of self-monitoring heart rate, respiratory rate and oxygen saturation in patients with symptoms suggestive of COVID infection. 2 April 2020 [Report]. <https://arc-w.nihr.ac.uk/research-and-implementation/covid-19-response/reports/accuracy-of-self-monitoring-heart-rate-respiratory-rate-and-oxygen-saturation-in-patients-with-symptoms-suggestive-of-covid-infection/>

Wu Zunyou and McGoogan Jennifer M. Characteristics of and Important Lessons from the Coronavirus Disease 2019 (COVID-19) Outbreak in China: Summary of a Report of 72314 Cases from the Chinese Center for Disease Control and Prevention // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 4 7, 2020. - Vol. 323. - pp. 1239-1242. – <http://doi.org/10.1001/jama.2020.2648>

Yan Yongli [et al.] Clinical characteristics and outcomes of patients with severe covid-19 with diabetes [Journal] // BMJ Open Diabetes Research & Care. - [s.l.] : BMJ Open Diabetes Res Care, 2020. - 1 : Vol. 8. - p. e001343. – <http://doi.org/10.1136/bmjdr-2020-001343>

On-Scene Interventions

All articles are OPEN ACCESS

Baracchini Claudio [et al.] Acute stroke management pathway during Coronavirus-19 pandemic [Journal] // Neurological Sciences. - [s.l.] : Springer, 5 1, 2020. - 5 : Vol. 41. - pp. 1003-1005. – <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7141930/>

Leong Yuen Chin and Verbeek P Richard Does intranasal naloxone administration increase the risk of COVID-19 transmission? [Journal] // CJEM. - [s.l.] : CJEM, 5 12, 2020. - pp. 1-3. – <http://doi.org/10.1017/cem.2020.395>

Fubini PE and Suppan L Prehospital reversal of profound respiratory acidosis and hypercapnic coma by non-invasive ventilation: a report of two cases [Journal] // International Journal of Emergency Medicine. - [s.l.] : Int J Emerg Med, 12 7, 2020. - 1 : Vol. 13. - p. 22. – <http://doi.org/10.1186/s12245-020-00284-y>

Liu Rachel B. [et al.] Ultrasound on the Frontlines of COVID-19: Report from an International Webinar [Journal] // Academic Emergency Medicine. - [s.l.] : John Wiley & Sons, Ltd, 4 29, 2020. - p. acem.14004. – <http://doi.org/10.1111/acem.14004>

Nolan Brodie [et al.] Recommendations for emergency departments receiving patients with vital signs absent from paramedics during COVID-19. [Journal] // CJEM. - [s.l.] : CJEM, 5 5, 2020. - pp. 1-9. – <http://doi.org/10.1017/cem.2020.389>

O'Reilly Gerard M [et al.] Informing emergency care for COVID -19 patients: The COVID -19 Emergency Department Quality Improvement Project protocol [Journal] // Emergency Medicine Australasia. - [s.l.] : Blackwell Publishing, 4 21, 2020. - pp. 1742-6723.13513. – <http://doi.org/10.1111/1742-6723.13513>

Remy Kenneth E., Lin John C. and Verhoef Philip A. High-flow nasal cannula may be no safer than non-invasive positive pressure ventilation for COVID-19 patients [Journal] // Critical Care. - [s.l.] : Springer Science and Business Media LLC, 12 23, 2020. - 1 : Vol. 24. - p. 169. – <http://doi.org/10.1186/s13054-020-02892-9>

Torjesen Ingrid Covid-19: NICE advises against using NSAIDs for fever in patients with suspected cases [Journal] // BMJ (Clinical research ed.). - [s.l.] : NLM (Medline), 4 6, 2020. - Vol. 369. - p. m1409. – <http://doi.org/10.1136/bmj.m1409>

Airway Management, Resuscitation & CPR

All articles are OPEN ACCESS

Armour Richard David, Helmer Jennie and Deakin Jon Paramedic intubation during a pandemic: Where are the consensus guidelines? [Journal] // Australasian Journal of Paramedicine. - [s.l.] : Paramedics Australasia, 4 22, 2020. - 1 : Vol. 17. – <http://doi.org/10.33151/ajp.17.806> .

Baldi Enrico [et al.] The Challenge of Laypeople Cardio-pulmonary Resuscitation Training during and after COVID-19 Pandemic [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.resuscitation.2020.04.040>.

Baldi Enrico [et al.] Out-of-Hospital Cardiac Arrest during the Covid-19 Outbreak in Italy [Journal] // New England Journal of Medicine. - [s.l.] : Massachusetts Medical Society, 2020. - p. NEJMc2010418. – <http://doi.org/10.1056/NEJMc2010418>

Barker Joseph, Koeckerling David and West Raha A need for prone position CPR guidance for intubated and non-intubated patients during the COVID-19 pandemic. [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 1, 2020. - Vol. 151. - pp. 135-136. – <http://doi.org/10.1016/j.resuscitation.2020.04.029>

Caputo Nicholas D., Strayer Reuben J. and Levitan Richard Early Self-Prone in Awake, Non-intubated Patients in the Emergency Department: A Single ED's Experience During the COVID-19 Pandemic [Journal] // Academic Emergency Medicine / ed. Kline Jeffrey. - [s.l.] : Wiley, 5 12, 2020. - 5 : Vol. 27. - pp. 375-378. – <http://doi.org/10.1111/acem.13994>

Casey Kyla [et al.] COVID-19 pneumonia with hemoptysis: Acute segmental pulmonary emboli associated with novel coronavirus infection [Journal]. - 2020. – <http://doi.org/10.1016/j.ajem.2020.04.011>

Couper Keith [et al.] COVID-19 in cardiac arrest and infection risk to rescuers: A systematic review // Resuscitation. - [s.l.] : Elsevier Ireland Ltd, 6 1, 2020. - Vol. 151. - pp. 59-66. – <http://doi.org/10.1016/j.resuscitation.2020.04.022>

Cheung Jonathan Chun Hei [et al.] Staff safety during emergency airway management for COVID-19 in Hong Kong // The Lancet Respiratory Medicine. - [s.l.] : Lancet Publishing Group, 4 1, 2020. - Vol. 8. - p. e19. – [http://doi.org/10.1016/S2213-2600\(20\)30084-9](http://doi.org/10.1016/S2213-2600(20)30084-9)

Fritz Zoë and Perkins Gavin D. Cardiopulmonary resuscitation after hospital admission with covid-19 // The BMJ. - [s.l.] : BMJ Publishing Group, 4 6, 2020. - Vol. 369. – <http://doi.org/10.1136/bmj.m1387>

Hassan Zack As Covid-19: Are chest compressions an aerosol generating procedure or not? [Journal] // BMJ (Clinical research ed.). - [s.l.] : BMJ, 2020. - Vol. 369. - p. m1825. – <http://doi.org/10.1136/bmj.m1825>

Huber Kurt and Goldstein Patrick Covid-19: implications for prehospital, emergency and hospital care in patients with acute coronary syndromes [Journal] // European Heart Journal: Acute Cardiovascular Care. - [s.l.] : Eur Heart J Acute Cardiovasc Care, 5 7, 2020. - p. 204887262092363. – <http://doi.org/10.1177/2048872620923639>

Law Brenda H. [et al.] Table-top exercises to prepare for neonatal resuscitation in the Era of COVID-19 [Journal] // Resuscitation. - [s.l.] : Elsevier, 6 1, 2020. - Vol. 151. - pp. 85-86. – <http://doi.org/10.1016/j.resuscitation.2020.04.027>

Lederman Zohar Family presence during Cardiopulmonary Resuscitation in the Covid-19 Era [Journal] // Resuscitation. - [s.l.] : Elsevier, 6 1, 2020. - Vol. 151. - pp. 137-138. - <http://doi.org/10.1016/j.resuscitation.2020.04.028>

Lemoine Sabine [et al.] Protecting the Prehospital Professional First Aid Teams from Airborne Viral Particles in the Case of Out-of-Hospital Pediatric Cardiac Arrest during the COVID-19 Pandemic. [Journal] // Prehospital and disaster medicine. - [s.l.] : Prehosp Disaster Med, 5 12, 2020. - pp. 1-4. – <http://doi.org/10.1017/S1049023X2000062X>

Maclaren Graeme, Fisher Dale and Brodie Daniel Preparing for the Most Critically Ill Patients with COVID-19: The Potential Role of Extracorporeal Membrane Oxygenation // JAMA - Journal of the American Medical Association. - [s.l.] : American Medical Association, 4 7, 2020. - Vol. 323. - pp. 1245-1246. –

<https://jamanetwork.com/journals/jama/fullarticle/2761778>.

Ott Matthias [et al.] Exploration of strategies to reduce aerosol-spread during chest compressions: A simulation and cadaver model [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.resuscitation.2020.05.012>

Park Soo Hyun [et al.] Are loose-fitting powered air-purifying respirators safe during chest compression? A simulation study [Journal]. - 2020. –

<http://doi.org/10.1016/j.ajem.2020.03.054>

Perkins G D [et al.] International Liaison Committee on Resuscitation: COVID-19 Consensus on Science, Treatment Recommendations and Task Force Insights. [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 1, 2020. - Vol. 151. - pp. 145-147. –

<http://doi.org/10.1016/j.resuscitation.2020.04.035>

Dr Peter Crook CPR in the COVID-19 era will the risk benefit shift in resource-poor settings? [Journal] // Resuscitation. - [s.l.] : Elsevier BV, 4 1, 2020. - Vol. 151. - p. 118. –

<http://doi.org/10.1016/j.resuscitation.2020.04.016>

Savary Dominique [et al.] Considering the challenge of the Covid-19 pandemic, is there a need to adapt the guidelines for basic life support resuscitation? [Journal] // Resuscitation. - [s.l.] : Elsevier BV, 3 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.resuscitation.2020.03.010>

Scapigliati Andrea [et al.] How to ventilate during CPR in time of Covid-19? [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 1, 2020. - Vol. 151. - pp. 148-149. –

<http://doi.org/10.1016/j.resuscitation.2020.04.036>

Scquizzato Tommaso [et al.] The other side of novel coronavirus outbreak: Fear of performing cardiopulmonary resuscitation // Resuscitation. - [s.l.] : Elsevier Ireland Ltd, 5 1, 2020. - Vol. 150. - pp. 92-93. – <http://doi.org/10.1016/j.resuscitation.2020.03.019>

Shao Fei, Sun Peng and Tang Ziren Cardiopulmonary resuscitation of inpatients with severe COVID-19 pneumonia: the Wuhan experience [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.resuscitation.2020.05.009>

Smereka Jacek [et al.] Which intravascular access should we use in patients with suspected/confirmed COVID-19? // Resuscitation. - [s.l.] : Elsevier Ireland Ltd, 6 1, 2020. - Vol. 151. - pp. 8-9. – <http://doi.org/10.1016/j.resuscitation.2020.04.014>

Sommer D. D. [et al.] Recommendations from the CSO-HNS taskforce on performance of tracheotomy during the COVID-19 pandemic [Journal] // Journal of Otolaryngology - Head & Neck Surgery. - [s.l.] : J Otolaryngol Head Neck Surg, 12 27, 2020. - 1 : Vol. 49. - p. 23. –

<http://doi.org/10.1186/s40463-020-00414-9>

Song Wei [et al.] Recommendations on cardiopulmonary resuscitation strategy and procedure for novel coronavirus pneumonia [Journal] // Resuscitation. - 2020. – <http://doi.org/10.1016/j.resuscitation.2020.03.023>

Statement on COVID-19 in relation to CPR and resuscitation in first aid and community settings [Online]. - <https://www.resus.org.uk/media/statements/resuscitation-council-uk-statements-on-covid-19-coronavirus-cpr-and-resuscitation/covid-community/>

Topjian Alexis [et al.] Interim Guidance for Basic and Advanced Life Support in Children and Neonates With Suspected or Confirmed COVID-19 [Journal] // Pediatrics. - [s.l.] : Pediatrics, 5 4, 2020. - p. e20201405. – <http://doi.org/10.1542/peds.2020-1405>

van Veelen Michiel J. [et al.] Drone delivery of AED's and personal protective equipment in the era of SARS-CoV-2 [Journal] // Resuscitation. - [s.l.] : Elsevier, 5 2020. - 0 : Vol. 0. – <http://doi.org/10.1016/j.resuscitation.2020.04.038>

Whitfield Steve, Macquarrie Alexander and Boyle Malcolm Responding to a cardiac arrest: Keeping paramedics safe during the COVID-19 pandemic [Journal] // Australasian Journal of Paramedicine. - [s.l.] : Paramedics Australasia, 4 27, 2020. - 1 : Vol. 17. – <http://doi.org/10.33151/ajp.17.809>