

**COVID19 – a guide to information resources**

LKS ASE has created this guide to allow you fast and easy access to free content from publishers, research organisations and universities released on the web in response to the COVID19 Pandemic. The guide is updated daily with new links and is free to use from the [LKS ASE website](#).

Follow the [@LKS ASE](#) Twitter tag for [#covid19ase](#). LKS ASE has created four planned searches on prehospital topics as part of national initiative you can find them [here](#).

If you would further searches contact the library [library@nwas.nhs.uk].

Prehospital Practitioners – Professional Issues & PPE**Request
an article**

For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

- Akinbami, J.L., et al. (2021). COVID-19 symptoms and SARS-CoV-2 antibody positivity in a large survey of first responders and healthcare personnel, May-July 2020. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. <http://doi.org/10.1093/cid/ciab080>
- Amin, D. P., & Palter, J. S. (2021). COVID-19 vaccination hesitancy among healthcare personnel in the emergency department deserves continued attention. *The American Journal of Emergency Medicine*, 0(0). <http://doi.org/10.1016/j.ajem.2021.01.089>
- Brooks, J. T., Centers for Disease Control and Prevention, A., Georgia, Butler, J. C., & Centers for Disease Control and Prevention, A., Georgia. (2021). Effectiveness of Mask Wearing to Control Community Spread of SARS-CoV-2. *JAMA*. <http://doi.org/10.1001/jama.2021.1505>
- Caban-Martinez AJ, et al. (2021). COVID-19 Vaccine Acceptability among U.S. Firefighters and Emergency Medical Services Workers: A Cross-Sectional Study. *Journal of occupational and environmental medicine*. <https://europepmc.org/article/MED/33560073>

- Coclite, D., et al. (2021). Face Mask Use in the Community for Reducing the Spread of COVID-19: A Systematic Review. *Frontiers in medicine*, 7.
<http://doi.org/10.3389/fmed.2020.594269>
- Constantine, S.T., et al. (2021). Implementation of Drive-through Testing for COVID-19 with Community Paramedics. *Disaster medicine and public health preparedness*.
<http://doi.org/10.1017/dmp.2021.46>
- Garfinkel, E. (2021). A Critical Care Transport Program's Innovative Approach to Safety During the Coronavirus Disease 2019 Pandemic - Air Medical Journal. *Air Medical Journal*.
<https://doi.org/10.1016/j.amj.2020.12.002>
- Hu, P., (2020). Pre-hospital infection control strategies during the epidemic period of COVID-19. *The American journal of emergency medicine*.
<http://doi.org/10.1016/j.ajem.2020.11.032>
- Jarvis, S. (2021). Examining emergency medical services' prehospital transport times for trauma patients during COVID-19 - The American Journal of Emergency Medicine. *American Journal of Emergency Medicine*.
<http://doi.org/10.1016/j.ajem.2021.01.091>
- Karagöz, Ali., et al. (2021). Temporal association of contamination obsession on the prehospital delay of STEMI during COVID-19 pandemic. *The American journal of emergency medicine*, 43.
<http://doi.org/10.1016/j.ajem.2021.01.083>
- Patel, M., et al. (2021). Prevalence and socio-demographic factors of SARS-CoV-2 antibody in multi-ethnic healthcare workers. *Clinical medicine (London, England)*, 21(1).
<http://doi.org/10.7861/clinmed.2020-0619>
- Rimmer, A. (2021). Covid-19: Healthcare staff must be given time to recuperate from pandemic, say leaders. *BMJ*.
<http://doi.org/10.1136/bmj.n420>
- Ruetzler, K., et al. (2021). Pediatric intravascular access in simulated COVID-19 patients among paramedics wearing personal protective equipment. *Resuscitation plus*, 5.
<http://doi.org/10.1016/j.resplu.2020.100073>
- Schrading, W. A., et al. (2021). Vaccination Rates and Acceptance of SARS-CoV-2 Vaccination Among US Emergency Department Health Care Personnel. *Academic Emergency Medicine*. <https://doi.org/10.1111/acem.14236>
- Yang, J.Y. et al. (2021). Outcomes of COVID-19 Among Hospitalized Health Care Workers in North America. *JAMA network open*, 4(1).
<http://doi.org/10.1001/jamanetworkopen.2020.35699>

Prehospital Research – Methods and Discussion

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Helicopter Emergency Medical Services (HEMS) and Air Medical

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Bascetta, T. (2021). Air Medical Transport of Patients Diagnosed With Confirmed Coronavirus Disease 2019 Infection Undergoing Extracorporeal Membrane Oxygenation: A Case Review and Lessons Learned - *Air Medical Journal*. <http://doi.org/10.1016/j.amj.2020.11.015>

Meng, X., et al. (2021). Use of Helicopter EMS services in the transport of patients with known or suspected COVID-19. *Air Medical Journal*, 0(0).
<http://doi.org/10.1016/j.amj.2021.02.003>

Patient Groups

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Jain, N., et al. (2021). Effect of COVID19 on prehospital pronouncements and ED visits for stroke and myocardial infarction. *The American journal of emergency medicine*, 43.
<http://doi.org/10.1016/j.ajem.2021.01.024>

Shallcross, L. (2021). Factors associated with SARS-CoV-2 infection and outbreaks in long-term care facilities in England: a national crosssectional survey. *Lancet*.
[https://doi.org/10.1016/S2666-7568\(20\)30065-9](https://doi.org/10.1016/S2666-7568(20)30065-9)

Zúñiga, R.V. (2021). Analysis of the impact of COVID-19 pandemic confinement on demand for pediatric emergency care and the characteristics of children attended. *Emergencias : revista de la Sociedad Espanola de Medicina de Emergencias*, 33(1).
<https://europepmc.org/article/MED/33496408>

Diagnosis and Triage

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

- de Koning, E.R. et al. (2021). Emergency medical services evaluations for chest pain during first COVID-19 lockdown in Hollands-Midden, the Netherlands. *Netherlands heart journal : monthly journal of the Netherlands Society of Cardiology and the Netherlands Heart Foundation*.
<http://doi.org/10.1007/s12471-021-01545-y>
- Fathi, M., et al. (2021). The prognostic value of comorbidity for the severity of COVID-19: A systematic review and meta-analysis study. *PloS one*, 16(2).
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0246190>
- Goldberg, S.A., et al. (2021). The impact of COVID-19 on statewide EMS use for cardiac emergencies and stroke in Massachusetts. *Journal of the American College of Emergency Physicians open*, 2(1). <http://doi.org/10.1002/emp2.12351>
- Levy, M. J., Klein, E., Chizmar, T. P., Peralta, L. M. P., Alemayehu, T., Sidik, M. M., & Delbridge, T. R. (2021). Correlation between Emergency Medical Services Suspected COVID-19 Patients and Daily Hospitalizations. *Prehospital Emergency Care*. <https://europepmc.org/article/MED/33320720>
- Mahase, E. (2021). Covid-19: Children less likely to report fever, persistent cough, or appetite loss, large UK study finds. *BMJ*.
<http://doi.org/10.1136/bmj.n408>
- Sablerolles, R. S. G. (2021). Association between Clinical Frailty Scale score and hospital mortality in adult patients with COVID-19 (COMET): an international, multicentre, retrospective, observational cohort study - The Lancet Healthy Longevity. *Lancet*. [http://doi.org/10.1016/S2666-7568\(21\)00006-4](http://doi.org/10.1016/S2666-7568(21)00006-4)
- Velasco, C., et al. (2021). Impact of COVID-19 Pandemic on the Incidence, Prehospital Evaluation, and Presentation of Ischemic Stroke at a Nonurban Comprehensive Stroke Center. *Stroke research and treatment*, 2021.
<http://doi.org/10.1155/2021/6624231>

On-Scene Interventions

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Jarvis, S., et al. (2021). Examining emergency medical services' prehospital transport times for trauma patients during COVID-19. *The American journal of emergency medicine*, 44. <https://doi.org/10.1016/j.ajem.2021.01.091>

Airway Management, Resuscitation & CPR

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Fothergill, R.T. et al. (2021). Out-of-Hospital Cardiac Arrest in London during the COVID-19 pandemic. *Resuscitation plus*, 5. <http://doi.org/10.1016/j.resplu.2020.100066>

Kienbacher, C. L. (2021). The use of personal protection equipment does not impair the quality of cardiopulmonary resuscitation - Resuscitation. *Resuscitation*. <http://doi.org/10.1016/j.resuscitation.2021.01.021>

Modes, M.E., et al. (2021). Outcomes of Cardiopulmonary Resuscitation in Patients With COVID-19-Limited Data, but Further Reason for Action. *JAMA internal medicine*, 181(2). <http://doi.org/10.1001/jamainternmed.2020.4779>

Nishiyama, C., et al. (2021). Influence of COVID-19 pandemic on bystander interventions, emergency medical service activities, and patient outcomes in out-of-hospital cardiac arrest in Osaka City, Japan. *Resuscitation plus*, 5. <http://doi.org/10.1016/j.resplu.2021.100088>

Vaccines, Testing and Social Impacts

Request
an article



For Open Access articles click through. For articles marked NHS Open Athens click through and sign in with your Open Athens account.

Coronavirus and the social impacts on Great Britain - Office for National Statistics. (2021). Retrieved from <https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandwellbeing/bulletins/coronavirusandthesocialimpactsongreatbritain/12february2021>

Hoffmann, M., et al. (2021). SARS-CoV-2 variants B.1.351 and B.1.1.248: Escape from therapeutic antibodies and antibodies induced by infection and vaccination. *bioRxiv*. <http://doi.org/10.1101/2021.02.11.430787>

Kemp, S. A., et al. (2021). SARS-CoV-2 evolution during treatment of chronic infection. *Nature*, 1-10.
<http://doi.org/10.1038/s41586-021-03291-y>

Latest monitoring data confirms safety of COVID-19 vaccines. (2021). Retrieved from <https://www.gov.uk/government/news/latest-monitoring-data-confirms-safety-of-covid-19-vaccines>

Logunov, D. Y. (2021). Safety and efficacy of an rAd26 and rAd5 vector-based heterologous prime-boost COVID-19 vaccine: an interim analysis of a randomised controlled phase 3 trial in Russia. *The Lancet*. [https://doi.org/10.1016/S0140-6736\(21\)00234-8](https://doi.org/10.1016/S0140-6736(21)00234-8)

Lopez-Leon, S., Wegman-Ostrosky, T., Perelman, C., Sepulveda, R., Rebolledo, P. A., Cuapio, A., & Villapol, S. (2021). More than 50 Long-term effects of COVID-19: a systematic review and meta-analysis [PREPRINT NOT PEER REVIEWED]. *medRxiv*.
<http://doi.org/10.1101/2021.01.27.21250617>

Mansfield, K. E. (2021). Indirect acute effects of the COVID-19 pandemic on physical and mental health in the UK: a population-based study - The Lancet Digital Health. *The Lancet*. [http://doi.org/10.1016/S2589-7500\(21\)00017-0](http://doi.org/10.1016/S2589-7500(21)00017-0)

RSPH. (2021). Survey reveals the mental and physical health impacts of home working during Covid-19. Retrieved from <https://www.rsph.org/about-us/news/survey-reveals-the-mental-and-physical-health-impacts-of-home-working-during-covid-19.html>

Tang, S., & Morgan, K. (2021). Key facts about the COVID-19 vaccination programme in the UK. *Journal of Paramedic Practice*. <http://doi.org/10.12968/jpar.2021.13.2.56>

UK Biobank study shows that COVID-19 antibodies remain for at least 6 months. (2021). Retrieved from <https://www.ukbiobank.ac.uk/learn-more-about-uk-biobank/news/uk-biobank-study-shows-that-covid-19-antibodies-remain-for-at-least-6-months>

UKRI, Tackling the impact of COVID-19 (2021). Retrieved from <https://www.ukri.org/our-work/tackling-the-impact-of-COVID-19/>

Wise, J. (2021). Covid-19: People who have had infection might only need one dose of mRNA vaccine. *BMJ*.
<http://doi.org/10.1136/bmj.n308>

See also the Public Health England Guide [Finding the evidence: Coronavirus](#)