November 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 Groups
Prehospital Research – Methods and Discussion
Helicopter Emergency Medical Services (HEMS) and Air Medical Diagnosis and Triage
On-Scene Interventions
Airway Management, Resuscitation & CPR
Vaccine Clinical Trials
Prehospital Practitioners – Professional Issues & PPE

Articles are OPEN ACCESS unless otherwise stated

Brewster, D. J., Begley, J. L., & Marshall, S. D. (2020). Rise and fall of the aerosol box; and what we must learn from the adoption of untested equipment. Emergency Medicine Journal. Click here to access fulltext- SWASFT Athens required (register here). Click here to access free abstract


**Patient Groups**

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Diagnosis and Triage

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On-Scene Interventions

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Airway Management, Resuscitation & CPR

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Vaccine Clinical Trials

List of ongoing and completed trials of the vaccines:
https://www.clinicaltrials.gov/ct2/results?cond=&term=ChAdOx1&cntry=&state=&city=&dist=

Pfizer BNT162b2
20 November - Pfizer and biontech to submit emergency use authorization request today to the u.s. fda for covid-19 vaccine – see also our progress in developing a potential covid-19 vaccine (updated 30 November, including data on trial locations)


18 November – Press Release - Pfizer and BioNTech Conclude Phase 3 Study of COVID-19 Vaccine Candidate, Meeting All Primary Efficacy Endpoints

clinicaltrials.gov registration (https://clinicaltrials.gov/ct2/show/NCT04537949)

See also 12 August Nature - Phase I/II study of COVID-19 RNA vaccine BNT162b1 in adults

A German article: https://ichgc.de/clinical-trials-registry/NCT04380701#google_vignette


University of Oxford & AstraZeneca vaccine (ChAdOx1 nCoV-19)
Summary of the COVID-19 Oxford Vaccine Trial
AZD1222 vaccine met primary efficacy endpoint in preventing COVID-19 - press release from AstraZeneca

Safety and immunogenicity of ChAdOx1 nCoV-19 vaccine administered in a prime-boost regimen in young and old adults (COV002): a single-blind, randomised, controlled, phase 2/3 trial – The Lancet, Published: November 18, 2020

Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial – The Lancet, Published: July 20, 2020
Evaluation of the immunogenicity of prime-boost vaccination with the replication-deficient viral vectored COVID-19 vaccine candidate ChAdOx1 nCoV-19 – NPJ Vaccines, Published online 2020 Jul 27.

ChAdOx1 nCoV-19 vaccine prevents SARS-CoV-2 pneumonia in rhesus macaques – Nature, Published: 30 July 2020
