

The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

Risk factors, ECMO, haemodynamic monitoring, diabetes

Peer reviewed journals featured:

- A systematic review and meta-analysis of clinical characteristics, risk factors and outcomes on epidemiology of COVID-19 [here](#)
- A meta-analysis on risk factors of severe cases with COVID-19 [here](#)
- A retrospective cohort study on extracorporeal membrane oxygenation (ECMO) for COVID-19 [here](#) and a related comment [here](#)
- A prospective cohort study on contact settings and risk for transmission in 3,410 close contacts of patients with COVID-19 in Guangzhou, China [here](#)
- A international cross-sectional survey on COVID-19 and endoscopic management of superficial gastrointestinal neoplastic lesions [here](#)
- An international survey on haemodynamic monitoring and management in COVID-19 intensive care patients [here](#)
- Cross-country analysis on national preferred interpersonal distance and COVID-19 spread [here](#)
- A whole-population study on associations between diabetes and COVID-19-related mortality in England [here](#)
- A population-based cohort study on risk factors for COVID-19-related mortality in people with type 1 and type 2 diabetes in England [here](#)
- Case report of facial pressure wounds related to prone positioning in patients undergoing ventilation in the intensive care unit during COVID-19 [here](#)
- Simulation study on droplet and aerosol generation with endonasal surgery [here](#)
- Experimental measurement of facemask efficacy during speech [here](#)
- A modelling study on face mask use in the general population and sub-groups [here](#)
- A modelling study on exit mechanisms for COVID-19 epidemics [here](#)
- Description of a 'step-down unit' to help manage ICU patient flow [here](#)
- Cross-sectional studies on healthcare worker mental health in Switzerland [here](#)
- Case reports of atypical COVID-19 and preventing transmission [here](#)
- A 60-day prospective study on smell and taste recovery in COVID-19 patients [here](#)
- A cross-sectional study of healthcare worker burnout in Qatar [here](#)
- Experimental study on inactivation of SARS-CoV-2 on 3D printed surgical mask materials [here](#)
- Commentary on biases in COVID-19 mortality estimation [here](#)
- Description of disease trends, testing, surveillance and deaths among children in England [here](#)

Letters and correspondence discussed:

- Age variation in the sex differential in COVID-19 mortality [here](#)
- A case report on SARS-CoV-2 PCR testing of skin for COVID-19 [here](#)
- A prospective cohort study of the impact of COVID-19 on emergency surgical pathology [here](#)
- A “cold” elective unit for robotic colorectal and urological cancer surgery and regional vascular surgery [here](#)
- A framework for redeploying surgical residents into intensive care unit clinicians [here](#)
- Infection control among ancillary healthcare workers [here](#)
- UK health and safety regulatory planning during COVID-19 [here](#)

Pre-peer review articles featured

- A systematic review and meta-analysis on factors associated with disease severity and mortality [here](#)

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts [here](#)

Twitter: Podcasts, blogs and social media campaigns

Handles	Topics	Links
@NEJM	Audio Interview: Building a Successful Public Health Response to Covid-19	Click here
@AnnalsofIM	Annals On Call podcast: Diagnosing SARS-CoV-2 Infection: Symptoms or No Symptoms?	Click here
@JAMA	Podcast: Coronavirus Update From the WHO	Click here
@BMJ_latest	Blog: Clinical communication with families in the age of covid-19: a challenge for critical care teams	Click here
@NSWHealth	#Itest4NSW Social Media Campaign	Click here
@PKMAUS1	#PKMAUS Pandemic Kindness Movement	Click here