

Daily evidence digest

18 December 2020

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

Cancer surgery delays, pulmonary embolism and DVT, Guillain Barré Syndrome, COVID-19 mortality in US adults

Peer reviewed journals featured:

- Systematic reviews and meta-analyses on:
 - Surgery delays and survival in breast, lung and colon cancers during COVID-19 [here](#)
 - Pulmonary embolism and deep vein thrombosis in COVID-19 [here](#)
 - Effectiveness of N95 respirators and surgical/face masks in preventing airborne infections in the era of SARS-CoV2 [here](#)
 - Guillain Barré Syndrome and its variants as a manifestation of COVID-19 [here](#)
- A cohort study on a home-based 7-day infection control strategy for healthcare workers following high-risk exposure to SARS-CoV-2 [here](#)
- A randomised controlled trial on the effect of arbidol (umifenovir) on COVID-19 [here](#)
- Case studies on:
 - Retinal microvascular abnormalities in patients after COVID-19 [here](#)
 - A quality and safety framework for responding to airway complications in mechanically ventilated patients with COVID-19 from the University of Pennsylvania [here](#)
- Observational studies on:
 - Neuroimaging manifestations in children with SARS-CoV-2 [here](#)
 - Predictors for in-hospital COVID-19 mortality among US adults [here](#)
- Commentary on:
 - Concerns and motivations about COVID-19 vaccination [here](#)
 - Children, COVID-19 and coronavirus drawings [here](#)
 - Performance of world leaders during the COVID-19 pandemic [here](#)
 - Uptake of a COVID-19 vaccine in people with severe mental illness [here](#)
 - Prioritising health care workforce during COVID-19 in a US hotspot [here](#)

Letters and correspondence discussed:

- All-cause excess mortality and COVID-19–related mortality among US adults [here](#)
- Waivers and alterations of research informed consent during COVID-19 [here](#)
- Implementation of universal do-not-resuscitate orders [here](#)

Guidance and reports

- The World Health Organization published:
 - Survey results on COVID-19 and the disruption of noncommunicable disease services in the European Region [here](#)
 - An update to WHO COVID-19 case definitions [here](#)
 - A scientific brief on COVID-19 diagnostic testing and international travel [here](#)
 - Interim guidance on a risk-based approach to COVID-19 international travel [here](#) and associated risk assessment tool [here](#)

This is the final digest for 2020 and the service will resume on 20 January 2021. A reduced service will be in place over the shutdown period. Should there be any highly significant developments, alerts will be issued to the digest mailing list. Upon resumption of services, key publications released during the break will be collated and a summary distributed.

We hope you have a very happy and healthy holiday break!

