

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

### Screening and diagnosis, paediatrics, post-COVID strategies

#### Peer reviewed journals featured:

- A multi-tiered screening and diagnosis strategy for COVID-19 [here](#)
- Mitigating the impact of COVID-19 through technological interventions and issues with tracking, tracing, and trust [here](#)
- Recommendations for COVID-19 prevention and management in peritoneal dialysis patients [here](#)
- An RCT of lopinavir-ritonavir in hospitalised adult COVID-19 patients with oxygen saturation of 94% or less which found no benefit [here](#)
- A commentary suggesting that early polyclonal B-cell response in children may contribute to children's lower susceptibility to COVID-19 [here](#)
- Changes in contact patterns shaped the dynamics of the outbreak in China [here](#)
- Temporal rise in the proportion of younger adults and older adolescents with COVID-19 following the introduction of physical distancing measures in Germany [here](#)
- Thrombotic complications in 31% of 184 ICU patients with COVID-19 [here](#)
- An editorial on prioritising paediatric surveillance during COVID-19 [here](#)
- Three papers on organisation and management: surge capacity, supply availability, workforce readiness, and financial resiliency [here](#); how a healthcare provider in New York is preparing for 'the new normal' [here](#); and organisational issues for the second wave [here](#)

#### Letters focus on:

- Screening of asymptomatic healthcare workers at London hospital [here](#)
- Wearing facemasks regardless of symptoms in hospitals [here](#)
- Clinical characteristics and results of semen tests among men with COVID-19 [here](#)
- The use of urine tests to predict risk of ICU admission and death [here](#)
- Employee presenteeism and occupational acquisition of COVID-19 [here](#)
- Public health response to elderly loneliness during COVID-19 [here](#)

#### Pre-peer review papers feature:

- An observational study on repeated seroprevalence of anti-SARS-CoV-2 IgG antibodies in a population-based sample from Geneva, Switzerland [here](#)
- A meta-analysis on COVID-19 seroprevalence studies using hierarchical modelling [here](#)
- Systematic reviews on effects of COVID-19 on maternal, perinatal and neonatal outcomes [here](#) and infection-fatality rates [here](#)

**Rapid reviews:**

- The Centre for Evidence Based Medicine released reviews on non–technology based activities and interventions delivered at home by family to maintain cognitive function in people with dementia during COVID-19 [here](#) and oxygen treatment to alleviate breathlessness in dying patients [here](#)
- ECRI released a review on screening and treatment for post-intensive care syndrome after discharge of patients with COVID-19 [here](#)

**Guidance:**

WHO report on disability considerations during the COVID-19 outbreak [here](#)

American College of Surgeons' guidelines for triage and management of elective cancer surgery cases during the acute and recovery phases of COVID-19 pandemic [here](#)

**Other resources and news:**

A webinar on renal replacement therapy and COVID-19 patients [here](#)

The Commonwealth Fund published an article on drug supply chain problems [here](#)

A number of OECD reports on:

- Modelling corporate sector vulnerabilities during the COVID-19 outbreak [here](#)
- Providing science advice to policy makers during COVID-19 [here](#)

A European Centre for Disease Prevention and Control report on contact tracing for COVID-19: current evidence, options for scale-up and an assessment of resources needed [here](#)

**Twitter activity:****Webinars and tweet chats:**

@ISQUA held a webinar on integrated healthcare and COVID-19 impacts in collaboration with @WHO [here](#), with several resources and graphics linked through the chat [here](#)

#BMJleaderchat on teamwork [here](#) including leadership lessons from the military blog [here](#)

@ECRI\_Org held a webcast discussing concerns related to renal replacement therapy amid the COVID-19 crisis [here](#)

@RichardLehman1 posted a Bloomberg article discussing how COVID-19 has moved peer review to twitter [here](#)

**COVID19 exacerbating healthcare inequalities** The social care 360-degree view of the sector has been published by the @KingsFund that outlines the state of the sector before and fragility going into the COVID-19 and @IHI essay on COVID19 disparities in equity [here](#)