

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

Protective immunity, immunosuppressed patients, pathophysiology

Peer reviewed journals feature:

- An article in the Lancet provides a policy perspective on protective immunity [here](#)
- A retrospective cohort study describing disease course, transmission and impact of control measures in Shenzhen, China [here](#)
- Guidance published by the Canadian Society of Otolaryngology, recommending that extended endotracheal intubation should be the standard of care for the entire duration of ventilation in the vast majority of patients [here](#)
- A mathematical model that evaluates the effectiveness of social distancing in a mid-sized city [here](#)
- A pathway developed to provide psychological support for frontline staff in the UK [here](#)
- A commentary on ethical consideration for research on self-harm, suicide and the broader impacts of COVID-19 [here](#)

Several studies focus on transplantation: case reports from New York [here](#) and the US more broadly [here](#); a description of the impact of COVID-19 on the liver transplantation program in Italy [here](#); and a review summarising and comparing inpatient immunosuppressant management strategies in renal transplant recipients with COVID-19 [here](#)

Research letters cover:

- The COVID-19 cytokine storm, pathophysiology and approaches to reduce micro-thrombosis and lung injury [here](#)
- Atypical presentation of COVID-19 in five infants in France [here](#)
- An international registry for emergent pathogens and pregnancy [here](#)

The Lancet Psychiatry published letters on: mental health services in Italy during COVID-19 [here](#), virtual treatment and social distancing in the US [here](#) and the use of existing data sources to model the effects of unemployment on suicide rates during COVID-19 [here](#)

Pre-print articles on:

- Minimally invasive, maximally attentive care in ICU – reflections from a ‘zintensivist’ [here](#)

Reviews:

The Emergency Care Research Institute (ECRI) assessed the evidence on weaning patients from mechanical ventilation [here](#)

Guidance:

- The European Society of Cardiology published guidance on the diagnosis and management of cardiovascular disease during the COVID-19 pandemic [here](#)

Twitter activity

Following yesterday the @bmj_news and @bmj_latest has extended the discussion by @PICSociety on children presenting with multi-system hyper-inflammatory state [here](#)

There continues to be ongoing discussion and debate on immunity passports [here](#) and [here](#)

A graphical guide explaining each vaccine design has been published by @nature [here](#)

To celebrate 'Patient Experience Week' #PXWeek2020 here are some resources to foster human experience and patient partnership during COVID-19:

- @Mac_AgingNews (McMaster University) for two decision aids to help older adults, families and their caregivers with difficult housing decisions during #COVID19 [here](#)
- @online_his (Healthcare Improvement Scotland) for a hub of resources on compassionate practices [here](#)
- @BerylInstitute resources and connections to support community in addressing COVID-19 [here](#)
- @ck_gunner 'websites manner' – how to do high quality video consultations [here](#)