COVID-19 Critical Intelligence Unit

Daily evidence digest

13 September 2021

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

High-intensity interval training after COVID-19 hospitalisation, impact of lockdown on key workers, vaccine passport

Peer reviewed journals featured:

- A randomised cross-over trial on high-intensity interval training after COVID-19 hospitalisation here
- A narrative review on real time molecular epidemiology for SARS-CoV-2 surveillance here
- Observational studies on:
 - o The impact of lockdown on key workers in the UK here
 - o Overlapping risks of type 2 diabetes and obesity on COVID-19 severity in the US here
 - The impact of vaccination on breakthrough COVID-19 infections [pre-Delta] here
- Commentary on:
 - The unequal impact of the COVID-19 crisis on minority ethnic groups <u>here</u>
 - o The policy and ethical considerations for vaccine passport certification here
 - o Self-care, social norms and anomie during COVID-19 in the UK here
 - o Post-acute COVID-19 syndrome and kidney disease here

Letters and correspondence discussed:

- Preliminary findings of mRNA vaccine safety in pregnant persons here
- Proton pump inhibitors and the risk of severe COVID-19 in Hong Kong <u>here</u> and in Korea <u>here</u>

Pre-peer review articles featured:

- mRNA vaccination-associated myocarditis in children aged 12-17 years here
- A learning health system randomised trial of monoclonal antibodies for COVID-19 here

Guidance and reports

 The Therapeutic Goods Administration (TGA) released its COVID-19 vaccine weekly safety report here

News and blogs

- Is the NHS prepared for the coming winter? here
- Face masks for COVID-19 pass their largest test yet here

