COVID-19 Critical Intelligence Unit

Daily evidence digest

27 August 2021

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

Therapeutic anticoagulation with heparin, protecting long-term care facilities from COVID-19, negative seroconversion

Peer reviewed journals featured:

- · Randomised controlled trials on:
 - o Therapeutic anticoagulation with heparin in noncritically ill COVID-19 patients here
 - o Pooled RT-qPCR testing for SARS-CoV-2 surveillance in schools here
 - Pegylated interferon alfa-2b in moderate COVID-19 here
- A narrative review on protecting nursing homes and long-term care facilities from COVID-19 here
- · Observational studies on:
 - o Patterns of negative seroconversion of SARS-CoV-2 antibodies in New York here
 - Safety of the Pfizer vaccine in a nationwide setting <u>here</u>
 - Increasing the low-risk threshold for patients with upper gastrointestinal bleeding during COVID-19 here
 - Laboratory findings in prevention, diagnosis, treatment and monitoring of COVID-19 here
 - o Association between obesity and hospital mortality in critical COVID-19 patients here
 - o Interseasonal resurgence of respiratory syncytial virus in Western Australia here
- An editorial on COVID-19 and heparin here
- Commentary on:
 - Surplus doses and expiring vaccines in wealthy countries <u>here</u>
 - Awake prone positioning in COVID-19 here
 - o Origins of SARS-CoV-2 here

Correspondence and letters discussed:

- Correlation between anti-PF4 and anti-SARS-CoV-2 antibodies after AstraZeneca vaccination here
- Therapeutic plasma exchange in vaccine-induced immune thrombotic thrombocytopenia here

Guidance and reports

 The World Health Organization published a leaflet to support self-management after COVID-19related illness here



News and blogs

- Protection from two doses of vaccine wanes within six months here
- Significant proportions of vaccinated people admitted to hospital, or dying from COVID-19 in England here
- NEJM audio interview on assessing vaccine safety here

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on COVID-19 transmission, SARS-CoV-2 vaccines, and variants of concern, post-acute sequelae of COVID-19 (PASC), surgery and COVID-19, and rapid testing.

