COVID-19 Critical Intelligence Unit

# **Daily evidence digest**

16 June 2021

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

## Saliva or nasopharyngeal swabs for SARS-CoV-2 screening, reninangiotensin-system inhibitors, social pharmacology

#### Peer reviewed journals featured:

- A rapid review comparing saliva and nasopharyngeal swabs for SARS-CoV-2 RT-PCR screening here
- A randomised controlled trial on discontinuation versus continuation of renin-angiotensin-system inhibitors in COVID-19 <u>here</u> and associated commentary <u>here</u>
- Observational studies on:
  - Injection fears and COVID-19 vaccine hesitancy <u>here</u>
  - Drug-drug interactions between pharmacotherapy and concomitant medication in COVID-19 patients <u>here</u>
  - o 'Adverse events of special interest' for COVID-19 vaccines in eight countries here
  - o Breakthrough rates of variants of concern in Pfizer vaccinated individuals here
  - Immunogenicity and safety of the Pfizer vaccine in patients with autoimmune inflammatory rheumatic disease and in the general population <u>here</u>
  - o SARS-CoV-2 infection and immune-mediated myopathy in deceased patients here
  - Children and youth hospitalised with COVID-19 in six countries here
  - Trends in venous thromboembolism anticoagulation in hospitalised COVID-19 patients here and associated commentary here
- A modelling study on meteorological factors in SARS-CoV-2 transmission in the US here
- A conference report on evaluating COVID-19 vaccine effectiveness, post-introduction here
- Editorials on:
  - Vaccinating children against SARS-CoV-2 here
  - o Addressing the vaccination gap in aged care here
  - The implications of SARS-CoV-2 viral load in children here
- Case reports on:
  - o Treatment of spleno-porto-mesenteric vein thrombosis after AstraZeneca vaccine here
  - o Guillain-Barré syndrome following AstraZeneca vaccine here and here
  - Bilateral chilblain-like lesions of the toes in adolescents here
- Commentaries on:

Health

- COVID-19 vaccines from a social pharmacology perspective <u>here</u>
- o Evaluation and care of patients with persistent symptoms after acute SARS-CoV-2 here
- Self-care, social norms and anomie during COVID-19 in the UK <u>here</u>



#### Letters and correspondence discussed:

- Organ transplantation outcome in recipients from a deceased donor with SARS-COV-2 vaccineinduced thrombotic thrombocytopenia <u>here</u>
- SARS-CoV-2 Delta variants of concerns in Scotland <u>here</u>
- Bell's palsy and SARS-CoV-2 vaccines <u>here</u> and authors' reply <u>here</u>
- The first manifestation of multiple sclerosis after immunisation with Pfizer vaccine here
- Immunogenicity and safety of mRNA vaccines in patients with chronic inflammatory conditions here
- Importance of the second dose of the COVID-19 mRNA vaccine here and here
- Estimation of excess mortality rates among US assisted living residents during COVID-19 here
- Safety and immunogenicity of a third dose of SARS-CoV-2 vaccine in solid organ transplant recipients <u>here</u>

### **Guidance and reports**

• The World Health Organization updated its COVID-19 vaccine tracker here

### News and blogs

- A podcast on counting the cost of disability caused by COVID-19 <u>here</u>
- Using 'big data' to disentangle aging and COVID-19 here
- A long-term perspective on immunity to COVID-19 here
- The US regulator raises "significant concerns" over safety of rapid lateral flow tests here
- COVID-19 Delta variant and mitigation in schools in the UK here

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#### Living Evidence Tables

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



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