## COVID-19 Critical Intelligence Unit

### **Evidence digest**

23 September 2022

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

# Lessons for the future from the COVID-19 pandemic, COVID-19 patterns, prevalence and risk factors for long COVID after mild disease

#### Peer reviewed journals featured:

- The Lancet Commission reflections on lessons for the future from COVID-19 <u>here</u> and associated editorial here
- Observational studies on:
  - Two-year health outcomes in hospitalised COVID-19 survivors in China here
  - Mortality risk in hospitalised COVID-19 patients during the Omicron and Delta variant pandemic periods in the US <u>here</u>
- · Commentary on:
  - o COVID-19 patterns here
  - Role of mathematical modelling in future pandemic response policy <u>here</u>
  - o Declining US life expectancy since COVID-19 here

#### Pre-peer review articles featured:

- Prevalence and risk factors for long COVID after mild disease <u>here</u>
- Evaluation of long COVID by cardiopulmonary exercise testing 12 months after hospitalisation for critical COVID-19 <u>here</u>
- Omicron sublineage BA.2.75.2 escape from neutralising antibodies <u>here</u>
- Post-vaccination neutralisation responses to Omicron sub-variants here
- Real world effectiveness of tixagevimab/cilgavimab (Evusheld) in the Omicron era here
- Biological heterogeneity in patients with long COVID here
- Real-world effectiveness of nirmatrelvir/ritonavir (Paxlovid) in preventing hospitalisation in high-risk US COVID-19 patients here
- Denmark's increasing Omicron reinfections here
- Long COVID in US adults two years after the start of the US pandemic here



#### Guidance and reports

- The World Health Organization published updated guidance on:
  - o Therapeutics and COVID-19 here with associated BMJ visual summary here
  - Clinical management of COVID-19 here
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts <u>here</u>

#### News and blogs

- More than 10 million children lost a parent or carer to COVID-19 here
- Long COVID Europe patient group calls for greater regional collaboration and action at WHO European regional committee <a href="here">here</a>
- Commission describes "massive global failures" of pandemic response here

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#### **Living Evidence Tables**

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

