

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

### Ivermectin treatment, paediatric hospitalisations and Omicron, risk of SARS-CoV-2 reinfection

#### Peer reviewed journals featured:

- Randomised controlled trial of ivermectin treatment in adults with mild to moderate COVID-19 and comorbidities (I-TECH trial) [here](#)
- Observational studies on:
  - Paediatric COVID-19 hospitalisations during the first Omicron wave in South Africa [here](#)
  - Identifying COVID-19 multimorbidity profiles associated with severity [here](#)
  - COVID-19 and symptoms of PTSD in family members after ICU discharge [here](#)
  - SARS-CoV-2 neutralising antibody levels in response to protein-, mRNA-, and vector-based COVID-19 vaccines [here](#)

#### Letters and correspondence discussed:

- Decoupling of Omicron variant infections and severe COVID-19 [here](#)
- Long-term clinical outcomes of COVID-19 patients treated with imatinib [here](#)

#### Pre-peer review articles featured:

- Observational studies on:
  - Risk of SARS-CoV-2 reinfection 18 months after primary infection [here](#)
  - Clinical severity of Omicron sub-lineage BA.2 compared to BA.1 in South Africa [here](#)
  - COVID-19-related smell and taste impairment with Omicron variant [here](#)
  - Performance of three rapid antigen tests against the Omicron variant [here](#)
  - Reliability of citations of medRxiv preprints in articles published on COVID-19 [here](#)
  - Relative virulence of SARS-CoV-2 among vaccinated and unvaccinated individuals [here](#)
  - Transmissibility of Omicron and Delta variants and the impact of vaccination [here](#)

#### Guidance and reports

- The World Health Organization published a manifesto for a healthy and green recovery from COVID-19 [here](#)
- Treatment updates from the National COVID-19 Clinical Evidence Taskforce [here](#)

## News and blogs

- The impact of the pandemic on the mental health of children and young people [here](#)
- Antibodies after AstraZeneca and Pfizer vaccines decrease with age and are higher in women [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](#), [rapid testing](#) and [risk mitigation strategies](#).