

## Global spotlight 9.1: Key additions for the first half of September 2021



There are two newly added evidence syntheses and seven updates to living evidence syntheses that are already included in the public-health measures parts of the COVID-END inventory of ‘best’ evidence syntheses\*, 17 newly added evidence syntheses and three updates to living evidence syntheses that are already included in the clinical management parts of the inventory, one newly added evidence synthesis in the health-system arrangements part of the inventory, and one newly added evidence synthesis in the economic and social responses part of the inventory.

*\*COVID-END assigns ‘best’ status to evidence syntheses based on an assessment of how up-to-date they are (i.e., the date of the last search, with priority given to living reviews), quality (using the AMSTAR tool), and whether there is an evidence profile available (e.g., GRADE).*

Taxonomy section	Title	Type of synthesis	Criteria for best evidence synthesis		
			Date of last search	Quality (AMSTAR) rating	Evidence profile (e.g., GRADE) available
Public-health measures	<a href="#">Evidence shows that digital interventions can facilitate improvements in behaviours that promote community hygiene (especially hand washing)</a> [Review of studies of variable quality conducted during the COVID-19 pandemic and before]	Newly added rapid review	2021-05-26	8/10	No
Public-health measures	<a href="#">Patients with mild to moderate COVID-19 and who have suppressed immune systems more frequently show recurrent PCR positivity</a> [Review of studies of moderate quality]	Newly added full review	2021-05-06	8/11	No
Public-health measures	<a href="#">[BioNTech/Pfizer or Moderna to complete vaccination scheme started with Astra Zeneca against variants of concern] Vaccinating with Astra Zeneca followed by BioNTech/Pfizer or Moderna vaccine may prevent symptomatic infection from the Alpha variant of concern</a>	Update to living rapid review	2021-09-09	7/9	No
Public-health measures	<a href="#">[Gamaleya Research Institute against variants of concern] Gamaleya Research Institute vaccine may prevent ICU admission and death from the Delta variant of concern</a>	Update to living rapid review	2021-09-09	7/9	No
Public-health measures	<a href="#">[Johnson &amp; Johnson against variants of concern] Johnson &amp; Johnson vaccine probably prevents severe disease from the Beta variant of concern and may prevent symptomatic infection from the Delta variant of concern</a>	Update to living rapid review	2021-09-09	7/9	No
Public-health measures	<a href="#">[Moderna against variants of concern] Moderna vaccine probably prevents infection from the Alpha variant of concern, and it may prevent infection from the Beta, Gamma and Delta variants of concern</a>	Update to living rapid review	2021-09-09	7/9	No

Public-health measures	<a href="#">[Oxford/AstraZeneca against variants of concern] Oxford/AstraZeneca vaccine probably prevents infection from the Alpha and Delta variants of concern, and it may not prevent infection from the Beta variant of concern; it may prevent ICU admission and death from the Delta variant of concern</a>	Update to living rapid review	2021-09-09	7/9	No
Public-health measures	<a href="#">The relationship between smoking status and infection, hospitalization and mortality is uncertain; current smokers may be at reduced risk of infection compared with non-smokers (although they appear to be more likely to be tested), but former smokers may have an increased risk of hospitalisation and greater disease severity [Review of observational studies]</a>	Update to living rapid review	2021-07-18	6/11	No
Public-health measures	<a href="#">[Sinopharm against variants of concern] Sinopharm vaccine may prevent ICU admission and death from the Delta variant of concern</a>	Update to living rapid review	2021-07-12	7/9	No
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Aspirin] Among hospitalized patients, aspirin may slightly reduce mortality and makes little or no difference in clinical improvement</a>	Newly added living review	2021-09-10	10/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Photobiomodulation therapy] Using photobiomodulation therapy may reduce mortality; the effects on other outcomes are uncertain</a>	Newly added living review	2021-09-10	10/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">The effects of prone position for the treatment of COVID-19 patients are currently uncertain</a>	Newly added living review	2021-09-10	10/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[APN01] The effects of APN01 cannot yet be assessed; upcoming studies are expected to be published soon</a>	Newly added living review	2021-05-13	6/9	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Camostat] Although several trials are ongoing, the only one that has been finished shows no benefit of camostat among hospitalized patients</a>	Newly added living review	2021-05-11	6/9	No
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Vitamin D] High-dose vitamin D may not have an effect on mortality, whereas it probably reduces the rate of ICU admission and it may reduce the rate of mechanical ventilation</a>	Newly added living review	2021-05-05	7/9	Yes

Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Mavrilimumab] The effects of mavrilimumab to treat COVID-19 patients are currently uncertain</a>	Newly added living review	2021-05-03	6/9	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Corticosteroids] Using corticosteroids probably reduces mortality slightly and may increase ventilator-free days; the effects on other outcomes are uncertain</a>	Newly added living review	2021-04-16	11/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Aspirin] Active prescription of low-dose aspirin may reduce mortality among COVID-19 patients during or prior to hospitalization</a>	Newly added full review	2021-04-16	8/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Sofosbuvir/daclatasvir] In hospitalized COVID-19 patients, sofosbuvir/daclatasvir probably decreases mortality and the need for ICU or mechanical ventilation, while it may improve clinical recovery</a>	Newly added full review	2021-04-06	8/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">Limited evidence is available to demonstrate a true association between COVID-19 and tinnitus [Review of studies of variable quality of unknown heterogeneity]</a>	Newly added full review	2021-03-31	8/11	No
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">Sleep problems were observed in one third of the population during the COVID-19 pandemic, and was more frequently observed in healthcare workers [Review of studies of variable quality and important heterogeneity among their findings]</a>	Newly added full review	2021-03-19	8/11	No
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">While atrial fibrillation was observed in a highly variable range of COVID-19 patients, being older, hypertensive, diabetic, having cardiovascular diseases and critical clinical status were all associated with a higher frequency of the condition [Review of studies of low to moderate quality and important heterogeneity among their findings]</a>	Newly added full review	2021-03-10	8/11	No
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">The effects of prone position in comparison to supine position in COVID-19 patients are uncertain</a>	Newly added full review	2021-03-01	11/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">COVID-19 associated pulmonary aspergillosis has been reported in 14% of COVID-19 cases admitted to ICU, and may be associated with higher mortality rates [Review of studies of mainly moderate quality]</a>	Newly added full review	2021-02-27	8/11	No
Clinical management of COVID-19 and	<a href="#">Age, pre-existing comorbidities, and greater inflammatory response are associated with higher mortality in patients admitted to ICU with COVID-19, while sex and BMI were</a>	Newly added full review	2021-02-21	8/11	No

pandemic-related health issues	<a href="#">not. [Review of studies of moderate quality with important heterogeneity among their findings]</a>				
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">Lockdown measures have had important biopsychosocial consequences, including influences on mental health, particularly among vulnerable populations [Review of studies of moderate quality]</a>	Newly added full review	2021-01-12	8/10	No
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Anakinra] In hospitalized COVID-19 patients, anakinra may have little or no difference in mortality while it slightly reduce disease progression; it probably slightly increase clinical improvement and it probably does not increase the adverse events</a>	Update to living review	2021-09-10	10/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Budesonide] The effects of using budesonide in mild COVID-19 outpatients are currently uncertain</a>	Update to living review	2021-09-10	10/11	Yes
Clinical management of COVID-19 and pandemic-related health issues	<a href="#">[Sofosbuvir/daclatasvir] Among hospitalized COVID-19 patients, using sofosbuvir/daclatasvir may produce little or no difference in the incidence of clinical improvement, and may not increase the adverse events; its effects on other outcomes are uncertain</a>	Update to living review	2021-09-10	10/11	Yes
Health-system arrangements	<a href="#">Maternity care seeking and provision have been reduced globally during the COVID-19 pandemic [Review of studies of variable quality]</a>	Newly added full review	2021-04-17	8/11	No
Economic and social responses	<a href="#">The evidence on the challenges of switching classes to emergency remote education has been associated with teachers' digital competencies, family access to technology, parental engagement, and student wellbeing [Review of studies of unknown quality]</a>	Newly added rapid review	2020-09-20	5/9	No