

# Weekly Evidence Report



Health Technology Assessment Philippines

5 July to 9 July 2021

## Overview

The following report presents summaries of evidence the Department of Health (DOH) - Health Technology Assessment (HTA) Unit reviewed for the period of 5 July to 9 July 2021. The HTA Unit reviewed a total of 7 studies for the said period.

Evidence includes 2 studies on Epidemiology; 2 studies on Drugs; 1 study on Vaccines; 1 study on Medical and Surgical Procedures; 2 studies on Other Health Technologies; and 1 study on Preventive & Promotive Health.

The following report notes that there is no study that has not been peer-reviewed.



## Sections

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Epidemiology

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Transmission

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Drugs

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Vaccines

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Equipment & Devices

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Medical & Surgical Procedures

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Other Health Technologies

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Preventive & Promotive Health

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## Evidence on Epidemiology

**Local COVID-19 Tracker:** <https://www.doh.gov.ph/covid19tracker>

**Local COVID-19 Case Tracker:** <https://www.doh.gov.ph/covid-19/case-tracker>

Date	Author/s	Title	Journal/ Article Type	Summary
6 Jul 2021	WHO Global	<a href="#">Coronavirus Disease 2019 (COVID-19) Weekly Epidemiological Update</a>	WHO Global (Situation Report)	<ul style="list-style-type: none"> <li>Over 2.6 million new cases and about 54,000 new deaths were reported globally the past week.</li> <li>This is the lowest weekly mortality figure since those recorded in early October 2020.</li> <li>The European region reported a sharp increase in incidence where as the African region a sharp increase in mortality..</li> </ul>
7 Jul 2021	ASEAN Biodiaspora Virtual Center	<a href="#">COVID-19 Situational Report in the ASEAN Region</a>	Situation overview	<ul style="list-style-type: none"> <li>Malaysia reported a sharp increase in new COVID-19 cases</li> <li>Indonesia reported hitting an all time high in the daily number of cases, making the total number of cases rise to 2.3 million as of Jul 6.</li> <li>Singapore MOH reported that a study based in the country found that a COVID-19 vaccine provide 69% protection against the Delta variant.</li> </ul>

## Evidence on Vulnerable Population Epidemiology

Date	Author/s	Title	Journal/ Article Type	Summary
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## Evidence on Transmission

Date	Author/s	Title	Journal/ Article Type	Summary
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## Evidence on Drugs

Date	Author/s	Title	Journal/ Article Type	Summary
7 Jul 2021	Miller, J	<a href="#">WHO recommends Roche, Sanofi drugs for COVID-19 to cut death risk</a>	News	<ul style="list-style-type: none"> <li>• WHO recommends using arthritis drugs Actemra and Kevzara with corticosteroids for COVID-19 patients</li> <li>• According to the WHO, the risk of dying within 28 days for patients getting one of the arthritis drugs with corticosteroids such as dexamethasone is 21%, compared with an assumed 25% risk among those who got standard care. For every 100 such patients, four more will survive</li> </ul>
6 Jul 2021	WHO	<a href="#">WHO recommends life-saving interleukin-6 receptor blockers for COVID-19 and urges producers to join efforts to rapidly increase access</a>	Press release	<ul style="list-style-type: none"> <li>• WHO adds to its list of drugs for COVID-19 the interleukin-6 receptor blockers.</li> <li>• A meta-analysis showed that in severely or critically ill patients, administering these drugs reduce the odds of death by 13% and odds of mechanical ventilation in severe patients by 28%, compared to standard care.</li> </ul>

## Evidence on Vaccines

### NYT Coronavirus Vaccine Tracker:

<https://www.nytimes.com/interactive/2020/science/coronavirus-vaccine-tracker.html>

### Bloomberg Vaccine Tracker:

<https://www.bloomberg.com/graphics/covid-vaccine-tracker-global-distribution/>

### London School of Hygiene and Tropical Medicine Vaccine Trial Mapper and Tracker:

[https://vac-lshtm.shinyapps.io/ncov\\_vaccine\\_landscape/](https://vac-lshtm.shinyapps.io/ncov_vaccine_landscape/)

### ACIP Files:

[https://drive.google.com/drive/u/0/folders/1v-jd66qllxnUkfzXWKqiD0mkVvqy\\_VvJ](https://drive.google.com/drive/u/0/folders/1v-jd66qllxnUkfzXWKqiD0mkVvqy_VvJ)

Date	Author/s	Title	Journal/ Article Type	Summary
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## Evidence on Equipment & Devices

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## Evidence on Medical and Surgical Procedures

Date	Author/s	Title	Journal/ Article Type	Summary
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## Evidence on Other Health Technologies

Date	Author/s	Title	Journal/ Article Type	Summary
5 Jul 2021	Evidence Aid	<a href="#">Telemedicine and telemonitoring for a variety of conditions (multiple reviews)</a>	Literature review	<ul style="list-style-type: none"> <li>• Three reviews evaluated the use of telemedicine for COVID-19 or other infectious diseases.</li> <li>• One review (Andrews, et al., 2020) found that both patients and HCWs were willing to continue telehealth after the pandemic</li> <li>• One review (Agarwal, et al., 2013) found positive outcomes for the technology in low-resource settings, including for general services such as maternal, child, and sexual health.</li> </ul>
5 Jul 2021	Eze, et al.	<a href="#">Telemedicine: overview of reviews</a>	Overview of reviews	<ul style="list-style-type: none"> <li>• Telemedicine was at least as effective as face-to-face intervention for conditions like Diabetes, Chronic heart failure, asthma</li> <li>• One-third of the included reviews reported that the technology was cost-saving or cost-effective</li> <li>• Barriers to technology uptake include: lack of training, poor tolerance of faulty equipment, and a lack of collaboration between implementers and end-users.</li> </ul>

## Evidence on Preventive & Promotive Health

### Evidence on Screening

Date	Author/s	Title	Journal/ Article Type	Summary
5 Jul 2021	Jessup, et al.	<a href="#">Alternative models of healthcare service delivery: scoping review of systematic reviews</a>	Scoping review	<ul style="list-style-type: none"> <li>• 122 reviews focused on alternate care coordination interventions, and 80 examined interventions involving changes to who provides care and how the healthcare workforce is managed.</li> <li>• 47 reviews investigated how and when care is delivered and 38 assessed interventions that addressed a goal focused question.</li> <li>• 189 reviews focused on how changes to ICT systems might help manage the delivery of healthcare, with most of these (162) focused on telehealth interventions.</li> </ul>

### Evidence on Personal Measures

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