

# THE LANCET

## Digital Health

### Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Alboksmaty A, Beaney T, Elkin S, et al. Effectiveness and safety of pulse oximetry in remote patient monitoring of patients with COVID-19: a systematic review. *Lancet Digit Health* 2022; **4**: e279–89.

## Appendices

### Appendix-1: Search strategy

#### Appendix 1: search strategy, MeSH terms and keywords for the included databases

Database		Search strategy
<b>Medline</b> (via OVID)		<b>COVID</b> ((*coronavirus infections/ or severe acute respiratory syndrome/ or *betacoronavirus/ or sars virus/ or exp Coronavirus/ or Respiratory Distress Syndrome, Adult/ or Pneumonia, Viral/ or Coronavirus Infections/bl) AND (*epidemics/ or pandemics/ or exp disease outbreaks/ or contact tracing/ or *data collection/ or disease notification/ or epidemiological monitoring/ or epidemic* or pandemic* or outbreak*)) OR (*coronavirus Infections/di or Coronavirus Infections/ep Or covid19 or covid 19 or nCoV or novel CoV or Cov19 or cov 19 or CoV2 or CoV 2 or 2019CoV or 2019 CoV or 2019nCoV or wuhan virus or sarscov2 or coronavir* or corona virus* or betacoronavir* or novel coronavir*)
	<b>AND</b>	<b>Oximetry</b> exp oximetry/ or blood gas monitoring, transcutaneous/ OR (Oximet*3 or oxygen saturation monitor*3).mp.
<b>Embase</b> (via OVID)		<b>COVID</b> ((exp pandemic/ or exp pandemic influenza/ or exp pandemic/ or exp pandemic influenza/ or coronavirus infection/ or coronaviridae infection/ or severe acute respiratory syndrome/ or exp pneumonia/ or lung disease/) AND (pandemic/ or exp epidemic/ or epidemic* or pandemic* or outbreak*)) OR (covid19 or covid 19 or nCoV or novel CoV or Cov19 or cov 19 or CoV2 or CoV 2 or 2019CoV or 2019 CoV or 2019nCoV or wuhan virus or sarscov2 or coronavir* or corona virus* or betacoronavir* or novel coronavir*)
	<b>AND</b>	<b>Oximetry</b> (pulse oximeter/ or pulse oximetry/ or oximetry/) OR (Oximet*3 or oxygen saturation monitor*3).mp.
<b>Global Health</b> (via OVID)		<b>COVID</b> (results: 17,662) ((exp severe acute respiratory syndrome/ or exp severe acute respiratory syndrome coronavirus/ or exp severe acute respiratory syndrome-related coronavirus/ or coronaviridae/ or coronavirinae/) AND (exp pandemics/ or exp epidemics/ or exp outbreaks/ or spread/ or disease distribution/ or epidemic* or pandemic* or outbreak*)) OR (covid19 or covid 19 or nCoV or novel CoV or Cov19 or cov 19 or CoV2 or CoV 2 or 2019CoV or 2019 CoV or 2019nCoV or wuhan virus or sarscov2 or coronavir* or corona virus* or betacoronavir* or novel coronavir*)
	<b>AND</b>	<b>Remote monitoring</b> (results: 633) oximet* or oxygen monitor* or oxygen saturation monitor*
<b>MedRxiv &amp; BioRxiv</b> (preprints)	<b>AND</b>	(COVID-19 or SARS-CoV-2)  (oximeter or oximetry)