

Supplementary file 1: Search strategy for African Journal Online, MedRxiv and Google Scholar databases.

Search number	Search term and possible combinations
#1	COVID-19 OR coronavirus disease 2019 OR SARS CoV-2 OR 2019 novel coronavirus disease OR 2019 novel coronavirus infection OR 2019 ncov disease OR 2019 ncov infection OR covid 19 pandemic OR covid 19 pandemics OR covid 19 virus disease OR covid 19 virus infection OR COVID19 OR coronavirus disease 19 OR sars coronavirus 2 infection OR sars cov 2 infection OR severe acute respiratory syndrome coronavirus 2 infection OR 2019 novel coronavirus OR 2019 novel coronavirus
#2	mental illness OR psychiatric problem OR mental disorders OR anxiety OR depression OR insomnia OR stress OR suicide OR suicidal ideation OR suicidal behavior OR demoralization OR psychology problem OR mental health effect OR psychological disturbance AND meta-analysis OR systematic review
#3	COVID-19 OR COVID-19 infection OR SARS Cov-2 infection OR COVID-19 pandemic OR new corona virus AND health care professionals OR health workers OR nurses OR doctors OR pharmacists OR health care workers AND Ethiopia OR Algeria OR Angola OR Benin OR Botswana OR Burkina Faso OR Burundi OR Cabo Verde OR Cameroon OR Central African Republic (CAR) OR Chad OR Comoros OR Congo OR Democratic Republic of the Congo OR Republic of the Cote d'Ivoire OR Djibouti OR Egypt OR East Africa OR South Africa OR North Africa OR East Africa OR Central Africa OR West Africa OR Africa
#4	#1 AND #2 AND #3
#5	Limit to studies published till the end of March, 2023
#6	Limit to Humans
#7	Limit to Africa
#8	Limit meta analysis studies