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Quality of COVID-19 research in preprints: a meta-epidemiological study protocol

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1 Works for me dx.doi.org/10.17504/protocols.io.bhm8j49w

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ABSTRACT

Background:
No studies have comprehensively assessed the quality of studies related to COVID-19 in preprints [11]. Hence, we will conduct a meta-epidemiological study based on the following research question: Are the quality of COVID-19 RCT and SR articles in medRxiv lower than those indexed in PubMed?
Methods:
We will conduct a meta-epidemiological cross-sectional study. We will include randomized controlled trial articles and systematic review articles indexed in PubMed or MedRxiv from 1st January to 15th June 2020. We will include articles of COVID-19 patients or healthcare workers engaged in the care of COVID-19 patients. We will exclude study protocols. We will evaluate the characteristics of included studies, methodological quality, number of mentions on social networking sites (SNS), and citations. We will use chi-squared test, logistic regression analysis, and linear regression analysis as appropriate. Two-tailed p values will be considered statistically significant if less than 0.05.

Ethical consideration:
We will only use openly available data. There is no need to make ethical considerations.

ATTACHMENTS

qor_preprints_protocol0617v2.pdf

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