

SARS-CoV-2 vaccine acceptance and uptake among caregivers of children 5-11 years of age



Summary

This study found that a low proportion of caregivers were willing to accept the SARS-CoV-2 vaccine for their children aged 5-11 years. Safety/efficacy concerns and misperceptions of COVID-19 severity in kids were the main drivers of vaccine hesitancy. Further research is needed to strengthen vaccine confidence/uptake

Study Design

Systematic review and meta-analysis of online databases were conducted using predefined search terms for articles published between October 29, 2021, and September 12, 2022. A total of 1571 records were identified for full-text screening, of which 27 were included after applying the predefined inclusion and exclusion criteria outlined below.

INCLUSION CRITERIA

- 27 articles included
- ✔ Reporting on mRNA vaccine or general COVID-19 vaccine
 - ✔ Isolatable data for all or some of 5-11 age group
 - ✔ Publication date on/after Oct 29 2021

EXCLUSION CRITERIA

- 1544 excluded
- ✘ Focus on a specific vaccine not approved for use in the 5-11 age group in Canada
 - ✘ Non-English articles
 - ✘ Full-text not available

Study Results



24 studies were conducted in high income countries, three in upper middle-income countries and three in low- to middle-income countries



When looking at all of the different studies in the review, the overall percentage of caregivers acceptant of vaccines was 54%.

Common reasons for caregivers vaccine acceptance and hesitancy among the 29 included studies

