

A comprehensive review of Canadian online resources for caregivers of information on SARS-COV-2 vaccinations for children aged 5-11 years

Summary

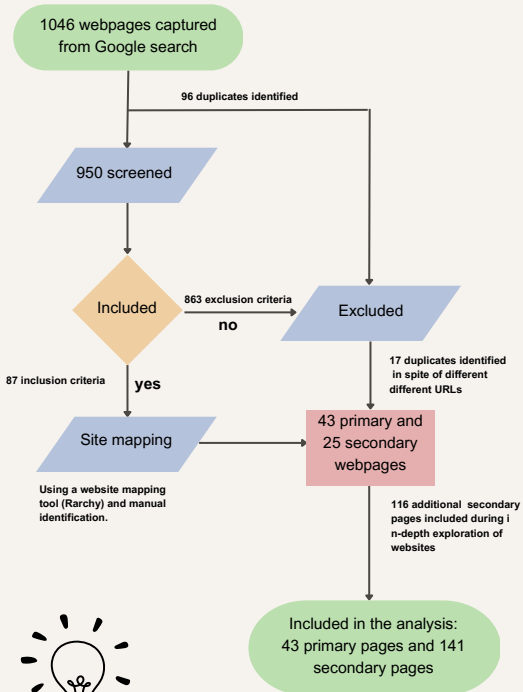
Most Canadian webpages on SARS-CoV-2 vaccines received high scores in understandability. However, areas of improvement in actionability, readability and content were identified and half of all webpages fulfilled all criteria for reliability. Institutions creating these resources should ensure they have all key criteria and features to be useable, reliable, and trustworthy.

Study Design

- Selected** articles to assess as outlined in the diagram (below)
- Assessed** article content with a checklist made by pediatric vaccination experts, as well as article reliability, readability and understandability/actionability, with the JAMA Benchmark, Flesch-Kincaid Grade Level, and Patient Education Material Assessment Tool (PEMAT) for Printable and Audiovisual materials

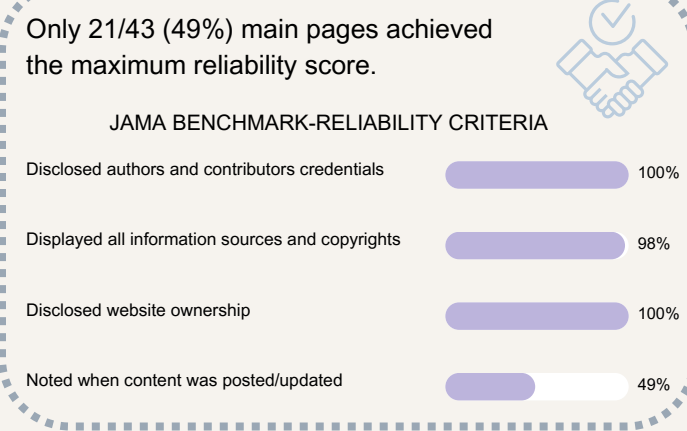
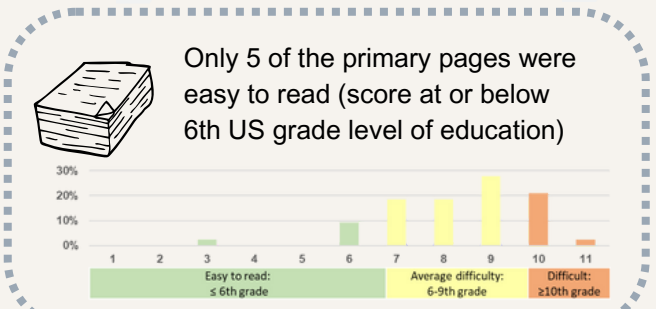
Inclusion Criteria: Canadian source in English or French, Information on COVID-19 vaccine for children 5-11 years old, Intended audience of caregivers, online webpages, FAQs, poster/print-outs, videos and/or infographics

Exclusion Criteria: non-Canadian, indigenous children only, content outside defined search terms, articles from news, social media and commercials for TV or journal articles, only information on vaccine appointments or needle phobia



Study Results

Most printable materials (42/43, 98%) were rated highly understandable, but only 7 (16%) provided actionable information



Resources with audiovisual materials (n=19) scored highly for understandability and actionability.

Most resources addressed important aspects of SARS-CoV-2 vaccination, but some lacked key parental safety concerns, including myocarditis (inflammation of the heart muscle) and infertility.

