

Tools employed to assess vaccine literacy, COVID-19 vaccine perception and psychological antecedents to vaccination

| Variable (Cronbach's alpha) | Measure and items | Assessment (score) |
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| VL functional skills ($\alpha=0.82$) | <p>When reading or listening to information about COVID-19 vaccines:</p> <ol style="list-style-type: none"> 1. Did you find words you didn't know? 2. Did you find that the texts were difficult to understand? 3. Did you need much time to understand them? 4. Did you need someone to help you understand them? | <p>Ordinal, 4 points Likert scale for frequency:</p> <p>Often (1), Sometimes (2), Rarely (3), Never (4)</p> |
| VL interactive / critical skills ($\alpha=0.77$) | <p>When looking for information about COVID-19 vaccines:</p> <ol style="list-style-type: none"> 1. Have you consulted more than one source of information? 2. Did you find the information you were looking for? 3. Have you had the opportunity to use the information? 4. Did you discuss what you understood about COVID-19 vaccination in children with a healthcare provider? 5. Did you consider whether the information collected was about your child? 6. Have you considered the credibility of the sources? 7. Did you check whether the information was correct? 8. Did you find any useful information to decide on whether or not to get your child vaccinated? | <p>Ordinal, 4 points Likert scale for frequency:</p> <p>Often (4), Sometimes (3), Rarely (2), Never (1)</p> |
| COVID-19 vaccine perception ($\alpha=0.80$) | <p>How much do you agree with the following statements?</p> <ol style="list-style-type: none"> 1. The COVID-19 vaccine causes serious side effects 2. The COVID-19 vaccine might cause lasting health problems 3. There is no need to vaccinate children against COVID-19 because they have a strong immune system 4. There is no need to vaccinate children against COVID-19 because the disease among children is usually mild 5. There is no need to vaccinate children against COVID-19 because herd immunity has been achieved in Israel | <p>Ordinal, 4 points Likert scale for agreement:</p> <p>Strongly agree (4), Agree (3), Disagree (2), Strongly disagree (1)</p> |

6. Only children with serious comorbidities should be vaccinated
7. Being infected with COVID-19 is the safest way to achieve immunization in children

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| The 5C psychological antecedents of vaccination | How much do you agree with the following statements? | Ordinal, 5 points Likert scale for agreement: |
| Confidence ($\alpha=0.86$) | <ol style="list-style-type: none"> 1. I am completely confident that COVID-19 vaccines are safe 2. I am completely confident that COVID-19 vaccines are effective 3. Regarding COVID-19 vaccines, I am confident that public authorities decide in the best interest of the community | Strongly agree (5), Agree (2), Neutral (3), Disagree (2), Strongly disagree (1) |
| Complacency ($\alpha=0.85$) | <ol style="list-style-type: none"> 4. Vaccination against COVID-19 for children is unnecessary 5. The immune system of children is so strong; it also protects them against COVID-19 6. COVID-19 disease in children is not severe; vaccinate them is superfluous | |
| Constrains ($\alpha=0.78$) | <ol style="list-style-type: none"> 7. Everyday stress prevents me from having my child vaccinated against COVID-19 8. For me, it is inconvenient to have my child vaccinated against COVID-19 9. Visiting the doctor makes me feel uncomfortable; this keeps me from having my child vaccinated against COVID-19 | |
| Calculation ($\alpha=0.75$) | <ol style="list-style-type: none"> 10. When I think about having my child vaccinated against COVID-19, I weigh its benefits and risks to make the best decision possible 11. I closely consider whether COVID-19 vaccine is useful for my child | |

Collective responsibility
($\alpha=0.85$)

12. It is important for me to fully understand the topic of vaccination before I get my child vaccinated
13. Like everyone else, I must get my child vaccinated
14. Having my child vaccinated against COVID-19 can protect people with a weaker immune system
15. Vaccination against COVID-19 is a collective action to prevent the spread of the disease