

## Item 2: Abstract

### See tip sheets for Abstracts.

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### ✓ Tips for reporting this item:

- Report an abstract addressing each item in the PRISMA-COSMIN for OMIs Abstracts checklist.

### Examples:

#### **“Measurement properties of pediatric PROMIS questionnaires for overall pediatric health: a systematic review**

**Background:** The International Consortium for Health Outcomes Measurement (ICHOM) recently developed a standard set for overall pediatric health outcomes in routine care, which recommends PROMIS measures to measure global health and cognitive functioning.

**Objective:** To systematically evaluate whether the PROMIS Pediatric Scale v1.0- Global Health 7+2, PROMIS Parent Proxy Scale v1.0- Global Health 7+2, and the PROMIS Parent Proxy Short Form v1.0 - Cognitive Function 7a have sufficient measurement properties to be recommended for their target age groups in pediatric healthcare, according to the COSMIN guideline.

**Methods:** Embase, PsycINFO, and Web of Science were searched from year of inception of the Outcome Measurement Instruments measures to May 25, 2020; MEDLINE was searched up to October 24, 2022. Studies were included if they reported on the development or aimed to evaluate at least one measurement property of the aforementioned PROMIS measures. We used the COSMIN guideline for systematic reviews to appraise eligible studies (e.g., risk of bias of studies and measurement properties’ results), synthesize, and descriptively summarize the overall evidence to determine whether these measures can be recommended for use.

**Results:** Screening over 4000 titles and abstracts yielded 4 to 6 eligible study reports for each measure. While all measures met the minimum COSMIN criteria for recommending its use (i.e., sufficient evidence for content validity, and at least low-quality evidence for sufficient structural validity and internal consistency), the quality of the evidence for content validity was low due to poor reporting.

**Conclusion:** The PROMIS measures evaluated in this review measure their intended construct for their targeted age group and are fit-for-purpose for child health outcome measurement. Implementation of standard outcome sets with measures that are valid, reliable, and responsive to change will lay the foundation for value-based child and adolescent healthcare. As most studies included in this review were conducted in English speaking populations, future research is needed to confirm if these measures are valid and reliable in other languages.

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**Registration:** OSF: <https://osf.io/vx92r/>.”

Adapted from Stallwood et al. 9th Annual PROMIS® International Conference abstract

See the [E&E](#) for more examples.

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More resources are available at [www.prisma-cosmin.ca](http://www.prisma-cosmin.ca).