

EuroQol Toddler and Infant Populations (EQ-TIPS) multinational content validity testing

EQ-TIPS Background

The **EQ-TIPS** (hyperlink: <https://euroqol.org/research-at-euroqol/eq-tips/>) is a proxy-completed, experimental measure developed by the EuroQol Group to measure and value health in children aged 0-3 years. EuroQol **experimental measures** (hyperlink: <https://registration.euroqol.org/research-and-development>) are tools which are still under development and may change as work on the instrument proceeds.

The EuroQol Research Foundation has funded a large-scale project for further multinational development of the EQ-TIPS descriptive system. This was deemed important to ensure that the EQ-TIPS had wide cross-cultural content validity, and inform any changes, before establishing its psychometric performance.

1. Multinational stakeholder engagement on the experimental EQ-TIPS (v2.0) descriptive system
- 2. Multinational content validity testing with caregivers of infants and toddlers on the modified experimental EQ-TIPS (v2.0)**
3. Psychometric Testing of the revised experimental EQ-TIPS descriptive system (v3.0)
4. Stakeholder engagement on valuation of the EQ-TIPS

Further information on the multinational content validity testing with caregivers of infants and toddlers is included below.

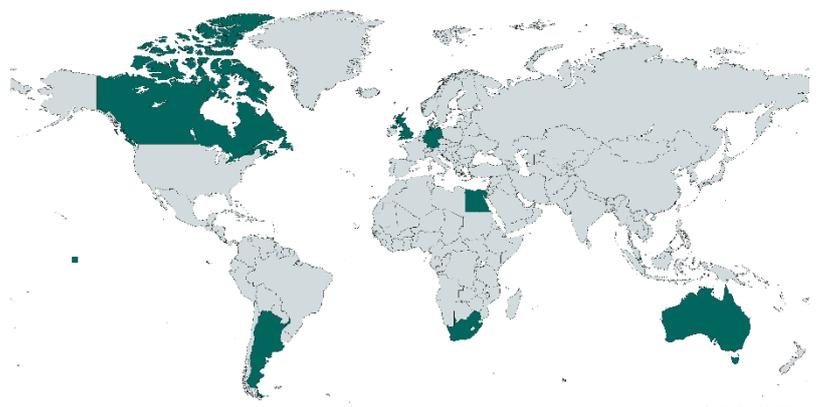
Project aims

To evaluate the content validity (comprehensibility/ understanding, relevance, and comprehensiveness) of the modified experimental EQ-TIPS-5L (v2.0) from the perspective of caregivers of children, with and without a health condition.

Methodology

Caregivers of children (0-3 years), typically a parent, were recruited from **8 countries**:

1. Argentina (Spanish)
2. Australia (English)
3. Canada (English)
4. Egypt (Arabic)
5. Germany (German)



6. Singapore (English)
7. South Africa (English)
8. UK (English)

Participants were purposively recruited for 2 focus groups per country with an aim to balance caregiver gender, child age, and the presence of health conditions (child).

A standard topic guide was developed and used across all countries to facilitate discussions about EQ-TIPS. A modified version of the EQ-TIPS v2.0 descriptive system was tested. Each focus group was conducted by ≥ 2 trained local researchers. The discussions were recorded and transcribed verbatim.

Data extraction and analysis followed an *a priori* framework, standardized across countries, focusing on comprehensibility/ understanding, relevance and comprehensiveness.

Country-level data were translated into English, collated and synthesized for analysis.

Public and patient involvement at the country level supported the project at multiple stages.

Key Findings

- Most found the EQ-TIPS comprehensive and relevant for measuring HRQoL for their child.
- Participants suggested improvements for the dimension headers or parenthetical example wording to improve understanding and relevance.

The results of the first two phases of the large-scale research project and extensive input from an Expert EuroQol Advisory Group, Public and Patient Representatives, The EuroQol Version Management Committee, Clinical Experts and EuroQol Experts resulted in the development of EQ-TIPS version 3.0, which is currently being tested further.

Project Team

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To use the EQ-TIPS as a collaborator, please complete the [registration](https://euroqol.org/research-at-euroqol/how-to-get-involved/) (hyperlink: <https://euroqol.org/research-at-euroqol/how-to-get-involved/>) form or contact rd@euroqol.org for further information.