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Review

KIDSCREEN-52 quality-of-life measure for children and adolescents

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Abstract

This study describes the development and reports the first psychometric results of the European KIDSCREEN-52 generic health-related quality-of-life questionnaire for children and adolescents. The KIDSCREEN-52, including ten dimensions, was applied in a European survey involving 12 countries (i.e., Austria, Switzerland, Czech Republic, Germany, Greece, Spain, France, Hungary, The Netherlands, Poland, Sweden and the UK) and 22,110 children and adolescents aged between 8 and 18 years of age. Questionnaire development included a literature search, expert consultation, and focus group discussions with children and adolescents. After definition of dimensions and collection of items, a translation process following international translation guidelines, cognitive interviews and a pilot test were performed. Analysis regarding psychometric properties showed Cronbach- α ranged from 0.77 to 0.89. Correlation coefficients

between KINDL^R and KIDSCREEN-52 dimensions were high for those assessing similar constructs ($r = 0.51-0.68$). All KIDSCREEN-52 dimensions showed a gradient according to socioeconomic status and most dimensions showed a gradient according to psychosomatic health complaints. The first results demonstrate that the KIDSCREEN-52 questionnaire is a promising cross-cultural measure of health-related quality-of-life assessment for children and adolescents in Europe.

Keywords::

children and adolescents

crosscultural comparison

health-related quality of life

questionnaire development

reliability

validity

Related Research Data

Canadian-French, German and UK versions of the Child Health Questionnaire: methodology and preliminary item scaling results

Source: Quality of Life Research

The World Health Organization quality of life assessment (WHOQOL): Position paper from the World Health Organization

Source: Social Science & Medicine

Study protocol for the World Health Organization project to develop a Quality of Life assessment instrument (WHOQOL)

Source: Quality of Life Research

Assessing health status and quality-of-life instruments: attributes and review criteria.

Source: Quality of Life Research

Assessing health-related quality of life in chronically ill children with the German KINDL: first psychometric and content analytical results

Source: Quality of Life Research

Coefficient alpha and the internal structure of tests

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