

Health-related quality of life



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Top

Abstract

Background

Methods

Results

Discussion

Conclusion

Abbreviations

Competing interests

Authors' contributions

Acknowledgements

References

Research

The Pediatric Quality of Life Inventory™ (PedsQL™) family impact module: reliability and validity of the Brazilian version

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[Abstract](#)

Background

Pediatric health-related quality of life (HRQOL) has emerged as an important health and healthcare research, for which HRQOL assessment instruments have played a role. However, these instruments are not available in all countries or all languages. The



Health-related quality of life



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Home | Browse articles | Search | Weblinks | Submit article | My HQLO | About HQLO

Top

Abstract

Background

Method

Results

Discussion

Conclusion

Abbreviations

Competing interests

Authors' contributions

Acknowledgements

References

Research

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Measurement properties of the Brazilian version of the Pediatric Quality of Life Inventory (PedsQL™) cancer module scale

Ana C Scarpelli¹ ✉, **Saul M Paiva^{1,2}** ✉, **Isabela A Pordeus¹** ✉, **Maria L Ramos-Jorge¹** ✉, **James W Varni³** ✉ and **Paul J Allison²** ✉

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Abstract

Background

The use of health-related quality of life (HRQOL) measurements has been included in many health-related surveys. These measurements document the functional and psychosocial outcomes and complement clinical indicators to provide a comprehensive description of individual

Health and Quality of Life Outcomes
Volume 6

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Top
Abstract
Background
Methods
Results
Discussion
Conclusion
Abbreviations
Competing interests
Authors' contributions
Acknowledgements
References

Research

Open Access

Health and Quality of
Life Outcomes
Volume 6

Cross-cultural adaptation of the Child Perceptions Questionnaire 11-14 (CPQ₁₁₋₁₄) for the Brazilian Portuguese language

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Home | Browse articles | Search | Weblinks | Submit article | My HQLO | About HQLO

Top

Abstract

Background

Methods

Results

Discussion

Conclusion

Abbreviations

Competing interests

Authors' contributions

Acknowledgements

References

Research Open Access

Psychometric properties of the Brazilian version of the Child Perceptions Questionnaire (CPQ₁₁₋₁₄) – short forms

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Volume 7

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Oral Health-Related Quality of Life

Preliminary validation of the Brazilian version of the Child Perceptions Questionnaire 8-10

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M.P. VALE*, P.J. ALLISON***, I.A. PORDEUS*

ABSTRACT. *Aim* The aim of the study was to perform a preliminary validation of the Brazilian Perceptions Questionnaire 8-10 (CPQ₈₋₁₀). *Methods* The sample used to test the measurement was made up of 59 children from 8 to 10 years of age at the Federal University of Minas Gerais, was administered, and clinical exams were performed by a single examiner, calibrated for the caries (Kappa= 0.98) and malocclusion (weighted Kappa and intraclass correlation coefficient). Children were divided into three groups according to their clinical condition (22 with cavities; 20 with malocclusion; 17 with both oral conditions). *Statistics* The internal consistency of the questionnaire was assessed by Cronbach's alpha Coefficient. The Intraclass correlation coefficient (ICC) was used to assess reliability (40 children). Discriminant validity was determined using the Kruskal-Wallis test. Assessment of the psychometric properties revealed the instrument to be reliable (Cronbach's alpha total scale and 0.63-0.85 for the subscales), exhibiting excellent stability (ICC=0.96 for the total scale and 0.95 for the subscales). Construct validity was demonstrated through the significant correlations between the total scale and global indicators and subscales. There were statistically significant differences between the groups regarding the total scale, thereby demonstrating discriminant validity (p=0.03). *Conclusion* The preliminary validation of the Brazilian version of the CPQ₈₋₁₀ showed valid and reliable for use on Brazilian children.

Key words: Oral health; Quality of life; Validity; Child; Questionnaires.



Oral Health-Related Quality of Life

Scarpelli et al. *BMC Oral Health* 2011, **11**:19
<http://www.biomedcentral.com/1472-6831/11/19>



RESEARCH ARTICLE

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Psychometric properties of the Brazilian version of the Early Childhood Oral Health Impact Scale (B-ECOHIS)

Ana Carolina Scarpelli^{1*}, Branca Heloísa Oliveira², Flávia C Tesch², Anna Thereza Leão³, Isabela A Pordeus¹ and Saul M Paiva¹

Abstract

Background: Oral disorders can have a negative impact on the functional, social and young children and their families and cause pain/discomfort for the child. Oral health



Oral Health-Related Quality of Life

Abanto et al. *Health and Quality of Life Outcomes* 2013, **11**:137
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RESEARCH

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Responsiveness to change for the Brazilian Scale of Oral Health Outcomes for 5-year-old children (SOHO-5)

Jenny Abanto^{1*}, Georgios Tsakos², Thiago Machado Ardenghi³, Saul Martins Paiva⁴, Daniela Prócida Raggio¹, Aubrey Sheiham² and Marcelo Bönecker¹



Oral Health-Related Quality of Life



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Research

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The PedsQLTM Oral Health Scale: Feasibility, reliability and validity of the Brazilian Portuguese version

Cristiane B Bendo, Saul M Paiva, Claudia M Viegas, Miriam P Vale and James W Varni

For all author emails, please [log on](#).

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Abstract (provisional)

Background

Oral and orofacial problems may cause a profound impact on children's oral health-related quality of life (OHRQoL) because of these conditions that may influence the physical, psychological and social aspects of the lives of children. However, the scales found in the literature are very specific and are not able to measure the impact of oral health on quality of life. Consequently, the objective of this study was to evaluate the psychometric properties of the Brazilian translation of the Pediatric Quality of Life Inventory™ (PedsQLTM) Oral Health Scale (OHS) and the PedsQLTM 4.0 Generic Core Scales.

To assess the feasibility, reliability and validity of the Brazilian version of the instrument, a study was conducted with 208 children and adolescents between 2 and 18 years-of-age and their parents.



Oral Health-Related Quality of Life

Family Impact Scale (FIS): psychometric properties of the Brazilian Portuguese language version

D. GOURSAND, S.M. PAIVA, P.M. ZARZAR, I.A. PORDEUS, P.J. ALLISON

ABSTRACT. *Aim* Evaluate the psychometric properties of the Brazilian version of the Family Impact Scale (FIS). *Methods* Following translation and cross-cultural adaptation, the FIS was tested on 100 children between 11 and 14 years of age with dental caries and malocclusions. The parents were interviewed at the Paediatric Dental and Orthodontic clinics where their children were receiving dental treatment. The psychometric properties were assessed through internal consistency, test-retest reliability, construct validity and discriminant validity. *Results* The mean FIS score was 6.97 (SD 7.81) for the dental caries group and 7.12 (SD 7.81) for the malocclusion group. The FIS score was unable to discriminate different family impact conditions. Internal consistency was confirmed by a Cronbach's alpha coefficient of 0.83. Test-retest reliability revealed good reproducibility (ICC 0.83). Construct validity was good, demonstrated by significant correlations between parent's perceptions regarding the overall wellbeing indicator for the FIS and subscales. Financial burden demonstrated no significant correlation with the FIS score. *Conclusions* Overall psychometric results for the Brazilian version of the FIS confirmed its utility as a questionnaire for assessing the family impact caused by children's oral conditions.

Key words: Child; Family; Quality of life; Reliability; Validity.

