



<b>Title</b>	<b>Developing the child oral health impact profile: an international study</b>
<b>Author(s)</b>	<b>Broder, H; Jokovic, A; Locker, D; Allison, PJ; Prah, B; Bakker, C; Naidoo, S; Hennequin, M; Reisine, S; Newton, JT; McGrath, C; Gibbons, D; Thomson, WM; Broughton, J; Janal, M; Cisneros, G; Rekow, ED; Chibbaro, P; Leao, ATT; Gomides, M; Gersch, SD</b>
<b>Citation</b>	<b>The 80th General Session and Exhibition of the International Association for Dental Research, San Diego, CA., 6-9 March 2002. In Journal of Dental Research, 2002, v. 81 Sp Iss A, p. A-433, abstract no. 3522</b>
<b>Issued Date</b>	<b>2002</b>
<b>URL</b>	<b><a href="http://hdl.handle.net/10722/53781">http://hdl.handle.net/10722/53781</a></b>
<b>Rights</b>	<b>Creative Commons: Attribution 3.0 Hong Kong License</b>

## ***3522 Developing the Child Oral Health Impact Profile: An International Study***

H. BRODER<sup>1</sup>, A. JOKOVIC<sup>2</sup>, D. LOCKER<sup>2</sup>, P.J. ALLISON<sup>3</sup>, B. PRAHL<sup>4</sup>, C. BAKKER<sup>4</sup>, S. NAIDOO<sup>5</sup>, M. HENNEQUIN<sup>6</sup>, S. REISINE<sup>7</sup>, J.T. NEWTON<sup>8</sup>, C. MCGRATH<sup>9</sup>, D. GIBBONS<sup>8</sup>, W.M. THOMSON<sup>10</sup>, J. BROUGHTON<sup>10</sup>, M. JANAL<sup>1</sup>, G. CISNEROS<sup>11</sup>, E.D. REKOW<sup>12</sup>, P. CHIBBARO<sup>13</sup>, A.T.T. LEÃO<sup>14</sup>, M. GOMIDES<sup>15</sup>, and **S.D. GERSCH**<sup>1</sup>,  
<sup>1</sup>UMDNJ-New Jersey Dental School, Newark, USA, <sup>2</sup>University of Toronto, Canada, <sup>3</sup>McGill University, Montreal, Canada, <sup>4</sup>ACTA, Amsterdam, Netherlands, <sup>5</sup>University of Stellenbosch, Tygerberg 7505 R.S.A, South Africa, <sup>6</sup>Dental Faculty of Clermont Ferrand, France, <sup>7</sup>UConn School of Dental Medicine, Farmington, CT, USA, <sup>8</sup>GKT Dental Institute, King's College London, United Kingdom, <sup>9</sup>University of Hong Kong, China, <sup>10</sup>University of Otago, Dunedin, New Zealand, <sup>11</sup>NYU Dental School, New York, NY, USA, <sup>12</sup>University of Medicine and Dentistry of New Jersey, Newark, USA, <sup>13</sup>NYU Medical Center, New York, NY, USA, <sup>14</sup>Universidade Federal do Rio de Janeiro, Brazil, <sup>15</sup>University of Sao Paulo, Brazil

**Objective:** To conduct the face validity/content evaluation phase of a multi-stage international collaborative project to develop the Child Oral Health Impact Profile, a culturally-sensitive measure to assess oral health-related quality of life (OHRQOL) in children. **Methods:** Clinicians and caregivers of children seeking varied dental treatment from 9 international sites evaluated the initial item pool of the Primary Caregiver Perception Questionnaire (PCPQ) (Jokovic, et al, 2001) by completing the Item Evaluation Form (IEF) and interview on content relevance. At this stage, the PCPQ contained a preliminary set of 54 items with a 5-point scale to assess OHRQOL across 8 domains. The IEF measured clarity (clear, unclear) by item. Forward translations of the PCPQ were accomplished from English to Spanish, Chinese, Portuguese, Dutch, and French and back to English. At each site, a minimum of 5 clinicians and 30 caregivers with children between 10-14 years completed the IEF. **Results:** Child patient groups were: 27% cleft/craniofacial, 40% orthodontic, and 33% pedodontic. Ethnic representativeness among the caregivers (n=352) was Asian (14%), Latino (7%), Black (12%), White (57%), and Other (10%). Based on IEF and interview data, substantive modifications were made in the PCPQ for subsequent stages in the questionnaire developmental process. From 2 to 29 individuals reported 'unclear' ratings per item; and each item averaged 9 'unclear' ratings. Of the 54 original PCPQ items, 27 items were deleted; 23 items were reworded; 2 items were unchanged; 6 of the 8 domains were retained; and 27 new items were created for the revised questionnaire, the Child Oral Health Impact Profile. **Conclusions:** Data from this face/content validity study revealed the importance of quantitative and qualitative data analyses in the process of developing questionnaires for international cross-cultural investigations.

[Seq #320 - Oral-health-related Quality of Life and Survey Methodology](#)

11:00 AM-12:15 PM, Saturday, 9 March 2002 San Diego Convention Center Exhibit Hall C

[Back to the Behavioral Sciences Program](#)

[Back to the IADR/AADR/CADR 80th General Session \(March 6-9, 2002\)](#)