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Note: This information is also available at: <http://www.fhs.mcmaster.ca/hug/index.htm> and
<http://www.healthutilities.com/>

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A Few Sources of Information – on the Health Utilities Index (HUI)

Methodological Studies [Cross-Cultural Validation; Description; Development of Systems; Interpretability; Reliability; Responsiveness; Scoring; Theory; Validity]

Arnold, David, Alan Girling, Andrew Stevens, and Richard Lilford, “Comparison of Direct and Indirect Methods of Estimating Health State Utilities for Resource Allocation: Review and Empirical Analysis.” *British Medical Journal*, Vol. 339, No. 2688, July 22, 2009. [HUI2; HUI3; Scoring]

Asada, Yukiko, “Medical Technologies, Nonhuman Aids, Human Assistance, and Environmental Factors in the Assessment of Health States.” *Quality of Life Research*, Vol. 14, No. 3, April, 2005, 867-874. [HUI3; Construct Validity]

Austin, Peter C., Michael Escobar, and Jacek A. Kopec, “The use of the Tobit model for analyzing measures of health status.” *Quality of Life Research*, Vol. 9, No. 8, 2000, pp 901-910. [HUI3; Ceiling Effects; based on provisional scoring]; Grootendorst, Paul, “Censoring in statistical models of health status: What happens when one can do better than ‘1’.” *Quality of Life Research*, Vol. 9, No. 8, 2000, pp 911-914. [HUI3; Ceiling Effects].

Avorn, Jerry, Josh Benner, Ian Ford, David A. Ganz, Allan Gaw, Robert J. Glynn, Joseph Jackson, A. Margot Lagaay, Sebastian Schneeweiss, Thomas Walley, Philip S. Wang, the Outcomes Research Working Group and the PROSPER Study Group, “Measuring the Cost-Effectiveness of Lipid-Lowering Drugs in the Elderly: The Outcomes Research and Economic Analysis Components of the PROSPER Trial.” *Controlled Clinical Trials*, Vol. 23, No. 6, December, 2002, pp 757-773. [HUI3; Study Design]

Barofsky, Ivan, *Quality: Its Definition and Measurement as Applied to the Medically Ill*. New York, Springer Publishing Company, 2011. [HUI2; HUI3; Textbook]

Barr, Ronald D., Claire Petrie, William Furlong, Marilyn Rothney, and David Feeny, "Health-Related Quality of Life during Post-Induction Chemotherapy in Children with Acute Lymphoblastic Leukemia in Remission: An Influence of Corticosteroid Therapy." *International Journal of Oncology*, Vol. 11, 1997, pp 333-339. [HUI2; Construct Validity; Responsiveness]

Barr, Ronald D., David Feeny, and William Furlong, “Economic Evaluation of Treatments for Cancer in Childhood.” *European Journal of Cancer*, Vol. 40, No. 9, June, 2004, pp 1335-1344.

[HUI2; HUI3]

Bernier, Julie, Yan Feng, and Keiko Asakawa, "Strategies for handling normality assumptions in multi-level modeling: A case study estimating trajectories of Health Utilities Index Mark 3 scores." *Health Reports*, Vol. 22, No. 4, December, 2011. [HUI3]

Blanchard, Chris, David Feeny, Jeffrey L. Mahon, Robert Bourne, Cecil Rorabeck, Larry Stitt, and Susan Webster-Bogaert, "Is the Health Utilities Index Responsive in Total Hip Arthroplasty Patients?" *Journal of Clinical Epidemiology*, Vol. 56, No. 11, November, 2003, pp 1046-1054. [HUI2; HUI3; Construct Validity; Responsiveness]

Blanchard, Chris, Isabelle Côté, and David Feeny, "Comparing Short Form and RAND Physical and Mental Health Summary Scores: Results from Total Hip Arthroplasty and High-Risk Primary-Care Patients." *International Journal of Technology Assessment in Health Care*, Vol. 20, No. 2, Spring, 2004, pp 230-235. [HUI3; Construct Validity]

Blanchard, Chris, David Feeny, Jeffrey L. Mahon, Robert Bourne, Cecil Rorabeck, Larry Stitt, and Susan Webster-Bogaert, "Is the Health Utilities Index Valid in Total Hip Arthroplasty Patients?," *Quality of Life Research*, Vol. 13, No. 2, March, 2004, pp 339-348. [HUI2; HUI3; Construct Validity]

Boman, Krister K., "Assessing Psychological and Health-Related Quality of Life (HRQL) Late Effects after Childhood Cancer." *Acta Paediatrica*, Vol. 96, No. 9, September, 2007, pp 1265-1268. [HUI3; Content Validity]

Bosch, Johanna L., James K. Hammitt, Milton C. Weinstein, and Maria G. Hunink, "Estimating General-population Utilities Using One Binary-gamble Question per Respondent." *Medical Decision Making*, Vol. 18, No. 4, October-December, 1998, pp 381-390. [Scoring]

Bosch, Johanna L., Elkan F. Halpern, and G. Scott Gazelle, "Comparison of Preference-Based Utilities of the Short-Form 36 Health Survey and Health Utilities Index Before and After Treatment of Patients with Intermittent Claudication." *Medical Decision Making*, Vol. 22, No. 5, September-October, 2002, pp 403-409. [HUI2, HUI3, Construct Validity; Responsiveness]

Boyle Michael H, and George W. Torrance, "Developing Multi-attribute Health Indexes." *Medical Care*, Vol. 22, No.11, November, 1984, pp 1045-1057. [Development of Systems]

Boyle, Michael H., William Furlong, David Feeny, George Torrance, and Jeff Hatcher, "Reliability of the Health Utilities Index - Mark III Used in the 1991 Cycle 6 General Social Survey Health Questionnaire." *Quality of Life Research*, Vol. 4, No 3, June, 1995, pp 249-257. [HUI3; Test-retest Reliability]

Brauer, Carmen A., Allison B. Rosen, Dan Greenberg, and Peter J. Neumann, "Trends in the Measurement of Health Utilities in Published Cost-Utility Analyses." *Value in Health*, Vol. 9, No. 4, July-August, 2006, pp 213-218. [HUI2; HUI3; Review Article]

Brazier, John, Jennifer Roberts, Aki Tsuchiya, and Jan Busschbach, "A Comparison of the EQ-5D and SF-6D Across Seven Patient Groups." *Health Economics*, Vol. 13, No. 9, September, 2004, pp 873-884. [HUI3; Construct Validity; Responsiveness]

Brazier, John E., Yaling Yanag, Aki Tsuchiya, Donna Louise Rowen, "A Review of Studies Mapping (or Cross Walking) Non-preference Based Measures of Health to Generic Preference-Based Measures." *European Journal of Health Economics*, Vol. 11, No. 2, April, 2010, pp 212-225; published online July 8, 2009. [HUI2; HUI3; Review Article]

Bremner, Karen E., George Tomlinson, and Murray D. Krahn, "Marker States and a Health Prompt Provide Modest Improvements in the Reliability and Validity of the Standard Gamble and Rating Scale in Prostate Cancer Patients." *Quality of Life Research*, Vol. 16, No. 10, December, 2007, pp 1665-1675. [HUI3; Construct Validity]

Buron, Catherine, Catherine Le Galès, Nathalie Costet, et al. "Développement d'un Système de Classification Générique d'états de santé pondéré par les Utilités: le Health Utility Index." *Communication Présentée au XIXème Séminaire des Économistes de la Santé*. Lyon, October 16-17, 1997. [Cultural Adaptation; Translation]

Cadman, David, and Charles Goldsmith, "Construction of Social Value or Utility-Based Health Indices: The Usefulness of Factorial Experimental Design Plans." *Journal of Chronic Disease*, Vol. 39, No. 8, 1986, pp 643-651. [Development of Systems; Scoring]

Cadman, David, Charles C. Goldsmith, and P. Bashim, "Values, preferences, and decisions in the care of children with developmental disabilities." *Journal of Developmental and Behaviourial Pediatrics*, Vol. 5, No. 2, April, 1984, pp 60-64. [Development of Systems; Scoring]

Cadman, David, Charles Goldsmith, George W. Torrance, et al., "Development of a Health Status Index for Ontario Children," Final Report to the Ontario Ministry of Health on Research Grant DM648 (00633). Hamilton, Ontario: McMaster University, 1986. [Development of Systems; Scoring]

Conner-Spady, Barbara, and Maria E. Suarez-Almazor, "Variation in the Estimation of Quality-Adjusted Life-Years by Different Preference-based Instruments." *Medical Care*, Vol. 41, No. 7, July, 2003, pp 791-801. [HUI3; Construct Validity; Responsiveness]

Cookson, Richard, "QALYs and the Capability Approach." *Health Economics*, Vol. 14, No. 8, August, 2005, pp 817-829. [HUI2; HUI3]

Coons, Stephen Joel, and James W. Shaw, "Generic Adult Health Status Measures," Chapter 5.2 in Peter Fayers and Ron Hays, eds., *Assessing Quality of Life in Clinical Trials*, Second Edition, Oxford, Oxford University Press, 2005, pp 325-338. [HUI2; HUI3; Review Article]

Costet, Nathalie, Catherine Le Galès, Catherine Buron, Françoise Kinkor, Mounir Mesbah, Judith Chwalow, Clinical and Economic Working Groups, and Gérard Slama, "French Cross-Cultural Adaptation of the Health Utilities Index Mark 2 (HUI2) and 3 (HUI3)

Classification Systems." *Quality of Life Research*, Vol. 7, No. 3, April, 1998, pp 245-256. [Cross-Cultural Validation; Translation]

Côté, Isabelle, Karen Farris, and David Feeny, "Is Adherence to Drug Treatment Correlated with Health-Related Quality of Life?" *Quality of Life Research*, Vol. 12, No. 6, September, 2003, pp 621-633. [HUI2; HUI3; Construct Validity]

Cox, Cheryl L., Shelly Lensing, Shesh N. Rai, Pam Hinds, Elizabeth Burghen, and Ching-Hon Pui, "Proxy Assessment of Quality of Life in Pediatric Clinical Trials: Application of the Health Utilities Index 3." *Quality of Life Research*, Vol. 14, No. 4, May, 2005, pp 1045-1056.

Furlong, William, and Ronald D. Barr, "Commentary on Cox CL, Lensing S, Rai SN et al. Proxy Assessment of Quality of Life in Pediatric Clinical Trials: Application of the Health Utilities Index 3. *Qual Life Res* 2005; 14: 1045-1056." *Quality of Life Research*, Vol. 15, No. 7, September, 2006, pp 1291-1293.

Hinds, Pamela S., and Shesh N. Rai, "Reponse to the Commentary by Furlong & Barr on Cox CL, Lensing S, Rai SN et al. Proxy Assessment of Quality of Life in Pediatric Clinical Trials: Application of the Health Utilities Index 3." *Quality of Life Research*, Vol. 15, No. 7, September, 2006, pp 1295-1296. [HUI3; Reliability; Inter-Rater Reliability; Proxy Assessment]

Cranney, Ann B., Douglas Coyle, Wilma M. Hopman, Valerie Hum, Barbara Power, and Peter S. Tugwell, "Prospective Evaluation of Preferences and Quality of Life in Women with Hip Fractures." *Journal of Rheumatology*, Vol. 32, No. 12, December, 2005, pp 2393-2399. [HUI2; Construct Validity; Responsiveness]

Dakin, Helen, Stavros Petrou, Mark Haggard, Sarah Bengel, and Ian Williamson, "Mapping Analyses to Estimate Health Utilities Based on Responses to the OM8-30 Otis Media Questionnaire." *Quality of Life Research*, Vol. 19, No. 1, February, 2010, pp 65-80. [HUI2; HUI3; mapping]

de Vries, Sybolt O., Wietze D. Kuipers, Maria G. M. Hunink, "Intermittent Claudication: Symptom Severity Versus Health Values." *Journal of Vascular Surgery*, Vol. 27, 1998, 422-430. [HUI2; Construct Validity]

Drummond, Michael F., Greg L. Stoddart, and George W. Torrance, *Methods for the Economic Evaluation of Health Care Programmes*. Oxford: Oxford University Press, 1987. [Description of Systems and Scoring; Theory]

Drummond, Michael F., Bernie O'Brien, Greg Stoddart, and George W. Torrance, *Methods for the Economic Evaluation of Health Care Programmes*. Second Edition. Oxford: Oxford University Press, 1997. [Description of Systems and Scoring; Theory]

Drummond, Michael F., Mark J. Sculpher, George W. Torrance, Bernie O'Brien, and Greg L. Stoddart, *Methods for the Economic Evaluation of Health Care Programmes*. Third Edition. Oxford: Oxford University Press, 2005. [Description of Systems and Scoring; Theory]

- Drummond, Michael, "Introducing Economic and Quality of Life Measurements into Clinical Studies." *Annals of Medicine*, Vol. 33, No. 5, July, 2001, pp 344-349. [Review Article]
- Eiser, Christine, and Rachel Morse, "The Measurement of Quality of Life in Children: Past and Future Perspectives." *Developmental and Behavioral Pediatrics*, Vol. 22, No. 4, August, 2001, pp 248-256. [Review Article]
- Espallargues, Mireia, Carolyn J. Czoski-Murray, Nicholas J. Bansback, Jill Carlton, Grace M. Lewis, Lindsey A. Hughes, Christopher S. Brand, and John E. Brazier, "The Impact of Age-Related Macular Degeneration on Health Status Utility Values." *Investigative Ophthalmology and Visual Science*, Vol. 46, No. 11, November, 2005, pp 4016-4023. [HUI3; Construct Validity]
- Ettema, Teake P., Rose-Marie Droes, Jacomine de Lange, Gideon J. Mellenbergh, and Miel W. Ribbe, "A Review of Quality of Life Instruments Used in Dementia." *Quality of Life Research*, Vol. 14, No. 3, April, 2005, pp 675-686. [HUI2; HUI3; Review Article]
- Feeny, David and George W. Torrance, "Incorporating Utility-Based Quality-of-Life Assessments in Clinical Trials: Two Examples." *Medical Care*, Vol. 27, No. 3, Supplement, March, 1989, pp S190-S204. [Theory]
- Feeny, David, William Furlong, Ronald D. Barr, George W. Torrance, Peter Rosenbaum, and Sheila Weitzman, "A Comprehensive Multiattribute System for Classifying the Health Status of Survivors of Childhood Cancer." *Journal of Clinical Oncology*, Vol. 10, No. 6, June, 1992, pp 923-928. [HUI2; Description; Construct Validity]
- Feeny, David, William Furlong, Michael Boyle, and George W. Torrance, "Multi-Attribute Health Status Classification Systems: Health Utilities Index." *PharmacoEconomics*, Vol 7, No 6, June, 1995, pp 490-502. [HUI2; HUI3; Description; Development of Systems]
- Feeny, David H., George W. Torrance, and William J. Furlong, "Health Utilities Index," Chapter 26 In Bert Spilker, ed. *Quality of Life and Pharmacoeconomics in Clinical Trials*. Second Edition. Philadelphia: Lippincott-Raven Press, 1996, pp 239-252. [HUI2; HUI3; Description of Systems; Reliability; Scoring; Validity]
- Feeny, David H., George W. Torrance, and Roberta Labelle, "Integrating Economic Evaluations and Quality of Life Assessments," In Bert Spilker, ed. *Quality of Life and Pharmacoeconomics in Clinical Trials*. Second Edition. Philadelphia: Lippincott-Raven Press, 1996, pp 85-95. [Description of Systems and Scoring]
- Feeny, David, William Furlong, and Ronald D. Barr, "Multiattribute Approach to the Assessment of Health-Related Quality of Life: Health Utilities Index." *Medical and Pediatric Oncology*, Vol. 31, Supplement 1, 1998, pp 54-59. [HUI2; Construct Validity; Responsiveness]
- Feeny, David, "A Utility Approach to Assessing Health-Related Quality of Life." *Medical Care*, Vol. 38, No. 9, Supplement II, September, 2000, pp II-151 - II-154. [Theory]

Feeny, David, William Furlong, George W. Torrance, Charles H. Goldsmith, Zenglong Zhu, Sonja DePauw, Margaret Denton, and Michael Boyle, "Multi-Attribute and Single-Attribute Utility Functions for the Health Utilities Index Mark 3 System." *Medical Care*, Vol. 40, No. 2, February, 2002, pp 113-128. [HUI3; Scoring]

Feeny, David, "Health-Status Classification Systems for Summary Measures of Population Health," Chapter 7.2 in Christopher J. L. Murray, Joshua A. Salomon, Colin D. Mathers, and Alan D. Lopez, eds., *Summary Measures of Population Health: Concepts, Ethics, Measurement and Applications*. Geneva, World Health Organization, 2002, pp 329-341. [HUI2; HUI3; Review Article]

Feeny, David, "The Utility Approach to Assessing Population Health," Chapter 10.2 in Christopher J. L. Murray, Joshua A. Salomon, Colin D. Mathers, and Alan D. Lopez, eds., *Summary Measures of Population Health: Concepts, Ethics, Measurement and Applications*. Geneva, World Health Organization, 2002, pp 515-528. [HUI2; HUI3; Review Article]

Feeny, David, Chris Blanchard, Jeffrey L. Mahon, Robert Bourne, Cecil Rorabeck, Larry Stitt, and Susan Webster-Bogaert, "Comparing Community-Preference Based and Direct Standard Gamble Utility Scores: Evidence from Elective Total Hip Arthroplasty." *International Journal of Technology Assessment in Health Care*, Vol. 19, No. 2, Spring, 2003, pp 362-372. [HUI2; HUI3; Scoring]

Feeny, David, William Furlong, Saroj Saigal, and Jian Sun, "Comparing Directly Measured Standard Gamble Scores to HUI2 and HUI3 Utility Scores: Group and Individual-Level Comparisons." *Social Science & Medicine*, Vol. 58, No. 4, February, 2004, pp 799-809. [HUI2; HUI3; Scoring]

Feeny, David, Chris M. Blanchard, Jeffrey L. Mahon, Robert Bourne, Cecil Rorabeck, Larry Stitt, and Susan Webster-Bogaert, "The Stability of Utility Scores: Test-Retest Reliability and the Interpretation of Utility Scores in Elective Total Hip Arthroplasty," *Quality of Life Research*, Vol. 13, No. 1, February, 2004, pp 15-22. [HUI2; HUI3; Test-retest reliability]

Feeny, David, Lieling Wu, and Ken Eng, "Comparing Short Form 6D, Standard Gamble, and Health Utilities Index Mark 2 and Mark 3 Utility Scores: Results from Total Hip Arthroplasty Patients." *Quality of Life Research*, Vol. 13, No. 10, December, 2004, pp 1659-1670. [HUI2; HUI3; Scoring]

Feeny, David, Karen Farris, Isabelle Côté, Jeffrey A. Johnson, Ross T. Tsuyuki, and Ken Eng, "A Cohort Study Found the RAND-12 and Health Utilities Mark 3 Demonstrated Construct Validity in High-Risk Primary-Care Patients." *Journal of Clinical Epidemiology*, Vol. 58, No. 2, 2005, pp 138-141. [HUI3; Construct Validity]

Feeny, David, "The Health Utilities Index: A Tool for Assessing Health Benefits." *Patient Reported Outcomes Newsletter*, No. 34, Spring, 2005, pp 2-6. [HUI2; HUI3; Review Article]
<http://www.pro-newsletter.com/>

Feeny, David, “The Roles for Preference-Based Measures in Support of Cancer Research and Policy,” Chapter 4 in Joseph Lipscomb, Carolyn Cook Gotay, and Claire Snyder, eds., *Outcomes Assessment in Cancer: Measures, Methods, and Applications*, New York, Cambridge University Press, 2005, pp 69-92. [HUI2; HUI3; Review Article]

Feeny, David, “Preference-Based Measures: Utility and Quality-Adjusted Life Years,” Chapter 6.2 in Peter Fayers and Ron Hays, eds., *Assessing Quality of Life in Clinical Trials*, Second Edition, Oxford, Oxford University Press, 2005, pp 405-429. [HUI2; HUI3; Review Article]

Feeny, David, “Comparing and Contrasting Utilities and Willingness to Pay,” Chapter 20 in William R. Lenderking and Dennis A. Revicki, eds., *Advancing Health Outcomes Research Methods and Clinical Applications*, McLean, Virginia, International Society for Quality of Life Research and Degnon Associates, Inc., 2005, pp 353-367. [HUI2; HUI3; Review Article]

Feeny, David, “The Multi-Attribute Utility Approach to Assessing Health-Related Quality of Life,” Chapter 34 in Andrew M. Jones, ed., *The Elgar Companion to Health Economics*, Cheltenham, Edward Elgar Publishing Ltd., 2006, pp 359-370; Chapter 36 in Andrew M. Jones, ed., *The Elgar Companion to Health Economics, Second Edition*. Cheltenham, Edward Elgar Publishing Ltd., 2012, pp 383-394. [HUI2; HUI3; Review Article]

Feeny, David, Nathalie Hugué, Bentson McFarland, and Mark S. Kaplan, “The Construct Validity of the Health Utilities Index Mark 3 in Assessing Mental Health in Population Health Surveys.” *Quality of Life Research*, Vol. 18, No. 4, May, 2009, pp 519-526; electronic publication March 10, 2009. “Erratum” *Quality of Life Research*, Vol. 18, No. 5, June 2009, p. 667. [HUI3; construct validity, mental health]

Feeny, David, Nathalie Hugué, Bentson H. McFarland, Mark S. Kaplan Heather M. Orpana, and Elizabeth Eckstrom, “Hearing, Mobility, and Pain Predict Mortality: A Longitudinal Population-Based Study.” *Journal of Clinical Epidemiology*, Vol. 65, No. 7, July, 2012, pp 764-777; published online April 19, 2012. [HUI3; Construct Validity; Predictive Validity]

Feeny, David H., Elizabeth N. Eckstrom, Evelyn P. Whitlock, and Leslie A. Perdue, “A Primer for Systematic Reviewers and Others on the Measurement of Functional Status and Health-Related Quality of Life in Older Adults.” Agency for Healthcare Research and Quality, Research White Paper, Publication No. 13-EHC128-EF, September 23, 2013. [HUI2; HUI3; Review Article] <http://www.effectivehealthcare.ahrq.gov/search-for-guides-reviews-and-reports/?pageaction=displayProduct&productID=1727>

Felder-Puig, Rosemarie, E. Frey, G. Sonnleithner, David Feeny, H. Gadner, Ronald D. Barr, William Furlong, and Reinhard Topf, “German Cross-Cultural Adaption of the Health Utilities Index and Its Application to a Sample of Childhood Cancer Survivors.” *European Journal of Pediatrics*, Vol. 159, No. 4, April, 2000, pp 283-288. [HUI2; Cross-Cultural Validation; Construct Validity; Reliability/Agreement; Translation]

Fisher, Gregory W., “Utility Models for Multiple Objective Decisions: Do They Accurately

Represent Human Preferences.” *Decision Sciences*, Vol. 10, 1979, pp 451-479. [Theory]

Fisk, J. D., M. G. Brown, I. S. Sketris, L. M. Metz, T. J. Murray, and K. J. Stadnyk, “A Comparison of Health Utility Measures for the Evaluation of Multiple Sclerosis Treatments.” *Journal of Neurology, Neurosurgery, and Psychiatry*, Vol. 76, No. 1, January, 2005, pp 58-63. [HUI3; Construct Validity; Test-Retest Reliability]

Franks, Peter, Erica L. Lubetkin, Marthe R. Gold, and Daniel J. Tancredi, “Mapping SF-12 to Preference-Based Instruments: Convergent Validity in a Low-Income, Minority Population.” *Medical Care*. Vol. 41, No. 11, November, 2003, pp 1277-1283. [HUI3; scoring]

Franks, Peter, Janel Hanmer, and Dennis G. Fryback, “Relative Disutilities of 47 Risk Factors and Conditions Assessed with Seven Preference-Based Health Status Measures in a National US Sample. Toward Consistency in Cost-Effectiveness Analyses.” *Medical Care*, Vol. 44, No. 5, May, 2006, pp 478-485. [HUI3; Construct Validity]

Fryback Dennis G., Mari Palta M, Dasha Cherepanov, Daniel Bolt, and Jee-Seon Kim, “Comparison of Five Health-Related Quality-of-Life Indexes using Item Response Theory Analysis.” *Medical Decision Making*, Vol. 30, No. 1, January-February, 2010, pp 5-15; published Online October 20, 2009. [HUI2; HUI3; construct validity]

Fryback, Dennis G., “Measuring Health-Related Quality of Life,” *Workshop on Advancing Social Science Theory and Research: The Importance of Common Metrics*, Washington, DC, National Academy of Sciences, Division of Behavioral and Social Sciences and Education, February 25-26, 2010; http://www7.nationalacademies.org/dbasse/The_Importance_of_Common_Metrics.html [HUI2; HUI3; Review Article]

Fu, Ligia, Danielle Talsma, Fulgencio Baez, Miguel Bonilla, Belgica Moreno, Maria Ah-Chu, Armando Pena, William Furlong, and Ronald D. Barr, “Measurement of Health-Related Quality of Life in Survivors of Cancer in Childhood in Central America: Feasibility, Reliability, and Validity.” *Journal of Pediatric Hematology/Oncology*, Vol. 28, No. 6, June, 2006, pp 331-341. [HUI2; HUI3; Construct Validity; Inter-rater Reliability]

Furlong, William, George W. Torrance, and David Feeny, "Properties of Health Utilities Index: Preliminary Evidence." *Quality of Life Newsletter*, Numbers 13-14, June, 1995 - January, 1996, pages 3, 4, and 10. [HUI2; HUI3; Construct Validity; Reliability]

Furlong, William, David Feeny, George W. Torrance, Charles Goldsmith, Sonja DePauw, Zenglong Zhu, Margaret Denton, and Michael Boyle, “Multiplicative Multi-Attribute Utility Function for the Health Utilities Index Mark 3 (HUI3) System: A Technical Report,” McMaster University Centre for Health Economics and Policy Analysis Working Paper No. 98-11. Information on ordering CHEPA Working Papers may be obtained from the Centre for Health Economics and Policy Analysis, HSC 3H1, McMaster University, 1200 Main Street West, Hamilton, ON L8N 3Z5 Canada; (905) 525-9140, ext. 22122; FAX: (905) 546-5211; E-mail: cheпа@mcmaster.ca; web: <http://www.cheпа.org/home/default.asp> <http://hiru.mcmaster.ca/cheпа/>[Scoring]

Furlong William J., David H. Feeny, George W. Torrance, and Ronald D. Barr, "The Health Utilities Index (HUI®) System for Assessing Health-Related Quality of Life in Clinical Studies." McMaster University Centre for Health Economics and Policy Analysis Working Paper No. 01-02, March, 2001.. Information on ordering CHEPA Working Papers may be obtained from the Centre for Health Economics and Policy Analysis, HSC 3H1, McMaster University, 1200 Main Street West, Hamilton, ON L8N 3Z5 Canada; (905) 525-9140, ext. 22122; FAX: (905) 546-5211; E-mail: cheпа@mcmaster.ca; web: <http://www.cheпа.org/home/default.asp> <http://cheпа.mcmaster.ca/>[HUI2; HUI3; Description of Systems; Reliability; Scoring; Validity]

Furlong William J., David H. Feeny, George W. Torrance, and Ronald D. Barr, "The Health Utilities Index (HUI) System for Assessing Health-Related Quality of Life in Clinical Studies." *Annals of Medicine*, Vol. 33, No. 5, July, 2001, pp 375-384. [HUI2; HUI3; Description of Systems; Reliability; Scoring; Validity]

Gabriel, Sherine E., Terry S. Kneeland, L. Joseph Melton, III, Megan M. Moncur, Bruce Ettinger, and Anna N. A. Tosteson, "Health-Related Quality of Life in Economic Evaluations for Osteoporosis: Whose Values Should We Use?" *Medical Decision Making*, Vol. 19, No. 2, April-June, 1999, pp 141-148. [HUI2; Scoring]

Garber. Alan M., Milton C. Weinstein, George W. Torrance, and Mark S. Kamlet, "Theoretical Foundations of Cost-Effectiveness Analysis," Chapter 2 in Marthe R. Gold, Joanna E. Siegel, Louise B. Russell, and Milton C. Weinstein, eds., *Cost-Effectiveness in Health and Medicine*. New York: Oxford University Press, 1996, pp 25-53. [Theory]

Garratt, Andrew, Louise Schmidt, Anne Mackintosh, and Ray Fitzpatrick, "Quality of Life Measurement: Bibliographic Study of Patient Assessed Health Outcome Measures." *British Medical Journal*, Vol. 324, No. 7351, June 15, 2002, pp 1417-1421. [Review Article]

Garster, Noelle C., Mari Palta, Nancy K. Sweitzer, Robert M. Kaplan, and Dennis G. Fryback, "Measuring Health-Related Quality of Life in Population-Based Studies of Coronary Heart Disease: Comparing Six Generic Indexes and a Disease-specific Proxy Score." *Quality of Life Research*, Vol. 18, No. 9, November, 2009, pp 1239-1247. [HUI2; HUI3; Construct Validity]

Gemke, Reinoud J. B. J., and Gouke J. Bonsel, "Reliability and Validity of a Comprehensive Health Status Measure in a Heterogeneous Population of Children Admitted to Intensive Care." *Journal of Clinical Epidemiology*, Vol 49, No 3, March, 1996, pp 327-333. [HUI2; Construct Validity; Reliability]

Glick, Henry A., Daniel Polsky, Richard J. Willke, and Kevin A. Schulman, "A Comparison of Preference Assessment Instruments Used in a Clinical Trial: Responses to the Visual Analog Scale from the EuroQol EQ-5D and the Health Utilities Index." *Medical Decision Making*, Vol. 19, No. 3, July-September, 1999, pp 265-275. [HUI2; Construct Validity; Scoring]

Gold, Marthe R., Donald L. Patrick, George W. Torrance, Dennis G. Fryback, David C. Hadorn, Mark S. Kamlet, Norman Daniels, and Milton C. Weinstein, "Identifying and Valuing Outcomes,"

Chapter 4 in Marthe R. Gold, Joanna E. Siegel, Louise B. Russell, and Milton C. Weinstein, eds., *Cost-Effectiveness in Health and Medicine*. New York: Oxford University Press, 1996, pp 82-134. [Description of Systems; Theory]

Grange, Angela, Hilary Bekker, Jane Noyes, and Pauline Langley, "Adequacy of Health-Related Quality of Life Measures in Children Under 5 Years Old: Systematic Review." *Journal of Advanced Nursing*, Vol. 59, No. 3, August, 2007, pp 197-220. [HUI2; HUI3; Comprehensive Health Status Classification System for Pre-School Children, CHSCS-PS; Review Paper]

Grima, Daniel T., George W. Torrance, G. Francis, G. Rice, A. J. Rosner, and L. LaFortune, "Cost and Health Related Quality of Life Consequences of Multiple Sclerosis." *Multiple Sclerosis*, Vol. 6, No. 2, April, 2000, pp 91-98. [HUI2; Construct Validity]

Grootendorst, Paul, David Feeny, and William Furlong, "Does It Matter Whom and How You Ask? An Investigation into Inter- and Intra-rater Agreement in the 1990 Ontario Health Survey." *Journal of Clinical Epidemiology*, Vol. 50, No. 2, February, 1997, pp 127-135. [HUI3; Reliability]

Grootendorst, Paul, David Feeny, and William Furlong, "Health Utilities Index Mark 3: Evidence of Construct Validity for Stroke and Arthritis in a Population Health Survey." McMaster University Centre for Health Economics and Policy Analysis Working Paper No. 99-06, June, 1999. [Construct Validity]

Grootendorst, Paul, David Feeny, and William Furlong, "Health Utilities Index Mark 3: Evidence of Construct Validity for Stroke and Arthritis in a Population Health Survey." *Medical Care*, Vol. 38, No. 3, March, 2000, 290-299. [Construct Validity]

Grosse, Scott D., Lisa A. Prosser, Keiko Asakawa, and David Feeny, "QALY Weights for Neurosensory Impairments in Economic Evaluations: Case Studies and a Critique." *Expert Review of Pharmacoeconomics & Outcomes Research*, Vol. 10, No. 3, June, 2010, pp 293-308. [HUI2; HUI3; Review Article]

Harsanyi, John C., "Cardinal Welfare, Individualistic Ethics, and Interpersonal Comparisons of Utility." *Journal of Political Economy*, Vol. 63, 1955, pp 309-321. [Scoring; Theory]

Hatoum, Hind T., John E. Brazier, and Kasem S. Akhras, "Comparison of the HUI3 with the SF-36 Preference Based SF-6D in a Clinical Trial Setting." *Value and Health*, Vol. 7, No. 5, September, 2004, pp 602-609. [HUI3; Construct Validity; Responsiveness]

Hawthorne, Graeme, Jeff Richardson, and Neil Atherton Day, "A Comparison of the Assessment of Quality of Life (AQoL) with Four Other Generic Utility Instruments." *Annals of Medicine*, Vol. 33, No. 5, July, 2001, pp 358-370. [HUI3; Review Paper; Construct Validity]

Hawthorne, Graeme, and Jeff Richardson, "Measuring the Value of Program Outcomes: A Review of Multiattribute Utility Measures." *Expert Review of Pharmacoeconomics & Outcomes Research*, Vol. 1, No. 2, 2001, pp 215-228. [HUI3; Review Paper; Construct Validity]

Hays, Ron D., Seongeun Kim, Karen L. Spritzer, Robert Kaplan, Steve Tally, David Feeny, Honghu Liu, and Dennis Fryback, "Effects of Mode and Order of Administration on Generic Health-Related Quality of Life Scores", *Value in Health*, Vol. 12, No. 6, September, 2009, pp 1035-1039; published online May 15, 2009. [HUI2; HUI3; Mode of Administration]

Hille, E. T. M., A. L. den Ouden, M. C. Stuifbergen, G. H. W. Verrips, A. G. C. Vogels, R. Brand, J. Bennebroek Gravenhorst, and S. P. Verloove-Vanhorick, "Is Attrition Bias a Problem in Neonatal Follow-Up?" *Early Human Development*, Vol. 81, No. 11, November, 2005, pp 901-908. [HUI3; Construct Validity]

Horsman, John, William Furlong, David Feeny, and George Torrance, "The Health Utilities Index (HUI[®]): Concepts, Measurement Properties and Applications." *Health and Quality of Life Outcomes* (electronic journal) (Vol. 1: 54, October 16, 2003), <http://www.hqlo.com/content/1/1/54> [HUI2; HUI3; Review Article]

Houle, Christian, and Jean-Marie Berthelot, "A Head-to-Head Comparison of the Health Utilities Mark 3 and the EQ-5D for the Population Living in Private Households in Canada." *Quality of Life Newsletter*, No. 24, January - June, 2000, pp 5-6. [Construct Validity]

Hung, Shih-Ying, A. Simon Pickard, Whitney P. Witt, and Bruce L. Lambert, "Pain and Depression in Caregivers Affected Their Perception of Pain in Stroke Patients." *Journal of Clinical Epidemiology*, Vol. 60, No. 9, September, 2007, pp 963-970. [HUI3; Construct Validity; Inter-Rater Reliability]

Institute of Medicine Committee to Evaluate Measures of Health Benefit for Environmental, Health, and Safety Regulation, Wilhelmine Miller, Lisa A. Robinson, and Robert S. Lawrence, eds., *Valuing Health for Regulatory Cost-Effectiveness Analysis*. Washington, DC, The National Academies Press, 2006. [HUI2; HUI3; Review Volume].

Janse, A. J., R. J. B. J. Gemke, C. S. P. M. Uiterwall, I. Van der Tweel, J. L. L. Kimpen, and G. Sinnema, "Quality of Life: Patients and Doctors Don't Always Agree: A Meta-Analysis." *Journal of Clinical Epidemiology*, Vol. 57, No. 7, July, 2004, pp 653-661. [HUI2; HUI3; Inter-rater Reliability]

Janse, A. J., G. Sinnema, C. S. P. M. Uiterwaal, J. L. L. Kimpen, and R. J. B. J. Gemke, "Quality of Life in Chronic Illness: Perceptions of Parents and Paeditricians." *Archives of Diseases in Childhood*, Vol. 90, No. 5, May, 2005, pp 486-491. [HUI3; Inter-rater Reliability]

Janse, A. J., C. S. P. M. Uiterwall, R. J. B. J. Gemke, J. L. L. Kimpen, and G. Sinnema, "A Difference in Perception of Quality of Life in Chronically Ill Children Was Found Between Parents and Paeditricians." *Journal of Clinical Epidemiology*, Vol. 58, No. 5, May, 2005, pp 495-502. [HUI3; Construct Validity; Reliability]

Janssen, Mathieu F. (Bas), Erwin Birnie, and Gouke J. Bonsel, "Evaluating the Discriminatory Power of EQ-5D, HUI2, and HUI3 in a US General Population Survey Using Shannon's Indices."

Quality of Life Research, Vol. 16, No. 5, June, 2007, pp 895-904. [HUI2; HUI3; Construct Validity]

Jones, C. Allyson, and David H. Feeny, "Agreement Between Patient and Proxy Responses on Health-Related Quality of Life After Hip Fracture." *Journal of the American Geriatrics Society*, Vol. 53, No. 7, July, 2005, pp 1227-1233. [HUI2; HUI3; Inter-Rater Agreement; Reliability; Construct Validity]

Jones. C. Allyson, David Feeny, and Ken Eng, "Test-Retest Reliability of Health Utilities Index Scores: Evidence from Hip Fracture." *International Journal of Technology Assessment in Health Care*, Vol. 21, No. 3, August, 2005, pp 393-398. [HUI2; HUI3; Test-Retest Reliability]

Kaplan, Mark S., Jean-Marie Berthelot, David H. Feeny, Bentson H. McFarland, Saeeda Khan, and Heather Orpana, "The Predictive Validity of Two Measures of Health-Related Quality of Life: Mortality in a Longitudinal Population-Based Study," *Quality of Life Research*, Vol. 16, No. 9, November, 2007, pp 1539-1546. [HUI3; Construct Validity; Predictive Validity]

Kaplan, Robert M., Erik J. Groessl, Nishan Sengupta, William J. Sieber, and Theodore G. Ganiats, "Comparison of Measured Utility Scores and Imputed Scores from the SF-36 in Patients with Rheumatoid Arthritis." *Medical Care*, Vol. 43, No. 1, January, 2005, pp 79-87. [HUI2; HUI3; Construct Validity; Responsiveness]

Kaplan, Robert, Steven Tally, Ron D. Hays, David Feeny, Theodore Ganiats, Mari Palta, and Dennis G. Fryback, "Five Preference-Based Indexes in Cataract and Heart-Failure Patients Were Not Equally Responsive to Change." *Journal of Clinical Epidemiology*, Vol. 64, No. 5, May, 2011 pp. 497-506; published online August 4, 2010. [HUI2; HUI3; Construct Validity; Responsiveness]

Keeney, Ralph L., "A Group Preference Axiomatization with Cardinal Utility." *Management Science*, Vol. 22, No. 2, October, 1976, pp 140-145. [Scoring; Theory]

Keeney, Ralph L., "Building Models of Values." *European Journal of Operational Research*, Vol. 37, No. 2, November, 1988, pp 149-157. [Scoring; Theory]

Keeney, Ralph L., and Howard Raiffa. *Decisions with Multiple Objectives: Preferences and Value Tradeoffs*. New York: Cambridge University Press, 1993. First Edition: John Wiley & Sons, 1976. [Scoring; Theory]

Keren, Ron, Susmita Pati, and Chris Feudtner, "The Generation Gap: Differences Between Children and Adults Pertinent to Economic Evaluation of Health Interventions." *Pharmacoeconomics*, Vol. 22, No. 2, 2004, pp 71-81. [HUI2, HUI3]

Kharroubi, Samer A., and Christopher McCabe, "Modeling HUI 2 Health State Preference Data Using a Nonparametric Bayesian Method." *Medical Decision Making*, Vol. 28, No. 6, November-December, 2008, pp 875-887. [HUI2; Scoring Function, UK preferences]

Konerding, Uwe, Jorn Moock, and Thomas Kohlmann, "The Classification Systems of the E Q-5D, the HUI II, and the SF-6D: What Do They Have in Common?" *Quality of Life Research*, Vol. 9, November, 2009, pp 1249-1261. [HUI2; Construct Validity]

Konerding, Uwe, "Preference-Based Index Measurement of Health-Related Quality of Life: When Does it Reflect Only Arbitrary Settings of the Research?" *Health Economics*, Vol. 20, No. 4, April, 2011, pp 471-483; published online April 11, 2010. [HUI2; HUI3; Scoring]

Koomen, Irene, Hein Raat, Aag Jennekens-Schinkel, Diederick E. Grobbee, John J. Roord, and Marceline van Furth, "Academic and Behavioral Limitations and Health-Related Quality of Life in School-Age Survivors of Bacterial Meningitis." *Quality of Life Research*, Vol. 14, No. 6, August, 2005, pp 1563-1572. [HUI2; HUI3; Construct Validity]

Kopec, Jacek A., and Kevin D. Willison, "A Comparative Review of Four Preference-Weighted Measures of Health-Related Quality of Life." *Journal of Clinical Epidemiology*, Vol. 56, No. 4, April, 2003, pp 317-325. [HUI3; Review Article]

Kopec, J.A., E. C. Sayre, W. M. Flanagan, P. Fines, J. Cibere, Md. M. Rahman, N. J. Bansback, A. H. Anis, J. M. Jordon, B. Sobolev, J. Aghajanian, W. Kang, N. V. Greidanus, D. S. Garbuz, G. A. Hawker, and E. M. Badley, "Development of a Population-Based Microsimulation Model of Osteoarthritis in Canada." *Osteoarthritis and Cartilage*, Vol. 18, No. 3, March, 2010, pp 303-311. [HUI3; Construct Validity]

Krahn, Murray, Paul Ritvo, Jane Irvine, George Tomlinson, Karen E. Bremner, Andrea Bezjak, John Trachtenberg, and Gary Naglie, "Patient and Community Preferences for Outcomes in Prostrate Cancer: Implications for Clinical Policy." *Medical Care*, Vol. 41, No. 1, January, 2003, 153-164. [HUI3; Construct Validity]

Krahn, Murray, Karen E. Bremner, George Tomlinson, Paul Ritvo, Jane Irvine, and Gary Naglie, "Responsiveness of Disease-Specific and Generic Utility Instruments in Prostate Cancer Patients." *Quality of Life Research*, Vol. 16, No. 3, April, 2007, pp 509-522. [HUI2; HUI3; Construct Validity; Responsiveness]

Kromm, Seija K., Jennifer Bethell, Ferne Kraglund, Sarah A. Edwards, Audrey Laporte, Peter C. Coyte, and Wendy J. Ungar, "Characteristics and quality of pediatric cost-utility analyses." *Quality of Life Research*, Vol. 21, No. 8, October, 2012, pp 1315-1315; published online October 29, 2011. [HUI2; HUI3; Review Article]

Kubba, Haytham, Iain C. Swan, and Stuart Gatehouse, "Measuring Quality of Life in Preschool Children with Sore Throats and Otitis Media Using the TAPQOL Questionnaire." *Otolaryngology-Head and Neck Surgery*, Vol. 132, No. 4, April, 2005, pp 647-652. [HUI3; Construct Validity]

Kulkarni, Abhaya V., Doron Rabin, and James M. Drake, "An Instrument to Measure the Health Status in Children with Hydrocephalus: the Hydrocephalus Outcome Questionnaire." *Journal of Neurosurgery: Pediatrics*, Vol. 101, No. 2 Supplement, November, 2004, pp 134-140. [HUI2;

Construct Validity]

Kulkarni, Abhaya V., “Distribution-based and Anchor-based Approaches Provided Different Interpretability Estimates for the Hydrocephalus Outcome Questionnaire.” *Journal of Clinical Epidemiology*, Vol. 59, No. 2, February, 2006, pp 176-184. [HUI2; Construct Validity]

Kulkarni, Abhaya V., D. Douglas Cochrane, P. Daniel McNeely, and Iffat Shams, “Comparing Children’s and Parents’ Perspectives of Health Outcome in Paediatric Hydrocephalus.” *Developmental Medicine & Child Neurology*, Vol. 50, No. 8, August, 2008, pp 587-592. [HUI3; Construct Validity]

Lagace, Claudia, Anthony Perruccio, Marie Desmeules, and Elizabeth Badley, “The Impact of Arthritis on Canadians,” in Health Canada, *Arthritis in Canada. An Ongoing Challenge*. Ottawa, Health Canada, 2003, Catalogue #H39-4/14-2003E, pp 7-34. [HUI3; Construct Validity]

Langfitt, J. T., B. G. Vickrey, M. P. McDermott, S. Messing, A. T. Berg, S. S. Spencer, M. R. Sperling, C. W. Bazil, and S. Shinnar, “Validity and Responsiveness of Generic Preference-based HRQOL Instruments in Chronic Epilepsy.” *Quality of Life Research*, Vol. 15, No. 5, June, 2006, pp 899-914. [HUI2; HUI3; Construct Validity; Responsiveness]

Lee, Todd A., William Hollingworth, and Sean D. Sullivan, “Comparison of Directly Elicited Preferences Derived from the SF-36 in Adults with Asthma.” *Medical Decision Making*, Vol. 23, No. 4, July-August, 2003, pp 323-334. [HUI2; Scoring]

Le Galès, Catherine, Catherine Buron, Nathalie Costet, Françoise Kinkor, David Feeny, William Furlong, Judy Chwalow, and Pr. Gérard Slama, "Assessment of the Multi-Attribute Preference Function for Health Utilities Index 3 in France: Preliminary Results." *Quality of Life Research*, Vol. 6, No. 7/8, October/December, 1997, p 678 (Abstract). [Cross-Cultural Validation; Scoring]

Le Gales, Catherine, Nathalie Costet, Jean-Claude Gentet, Chantal Kalifa, Didier Frappaz, Christine Edan, Eric Sariban, Dominique Plantaz, and François Doz, “Cross-Cultural Adaptation of a Health Status Classification System in Children with Cancer. First Results of the French Adaptation of the Health Utilities Index Marks 2 and 3.” *International Journal of Cancer*, Supplement 12, December, 1999, pp 112-118. [HUI2; HUI3; Cross-Cultural Adaptation]

Le Galès, Catherine, Catherine Buron, Nathalie Costet, Sophia Rosman, and Gérard Slama, “The French Health Utilities Index Mark 3.” *Value and Health*, Vol. 3, No. 2, March/April, 2000, p 103 (Abstract). [Cross-Cultural Validation; Scoring]

Le Galès Catherine, Catherine Buron, Nathalie Costet, Sophia Rosman, Pr. Gérard Slama, “Developpement d'un index d'etats de sante pondere par les utilites en population francaise: le Health Utilities Index.” *Economie et Prevision*, 150-151, October-December, 2001, pp 71-87. [HUI3; Cross-Cultural Validation; Scoring]

Le Galès, Catherine, Catherine Buron, Nathalie Costet, Sophia Rosman, and Pr. Gérard Slama, “Development of a Preference-Weighted Health Status Classification System in France: the

Health Utilities Index.” *Health Care Management Science*, Vol. 5, No. 1, 2002, pp 41-51. [HUI3; Cross-Cultural Validation; Scoring]

Lima, Viviane Dias, and Jacek A. Kopec, “Quantifying the effect of health status on health care utilization using a preference-based health measure.” *Social Science & Medicine*, Vol. 60, No. 3, February, 2005, pp 515-524. [HUI3; Construct Validity]

Lobo, Francis S., Cynthia R. Gross, and Barbara J. Matthees, “Estimation and Comparison of Derived Preference Scores from SF-36 in Lung Transplant Patients.” *Quality of Life Research*, Vol. 13, No. 2, March, 2004, pp 377-388. [HUI2; Construct Validity; Scoring]

Lovrics, Peter J., Sylvie D. Cornacchi, Francesco Barnabi, Tim Whelan, and Charles H. Goldsmith, “The Feasibility and Responsiveness of the Health Utilities Index in Patients with Early-stage Breast Cancer: A Prospective Longitudinal Study.” *Quality of Life Research*, Vol. 17, No. 2, March, 2008, pp 333-345. [HUI3; Construct Validity; Responsiveness]

Lubetkin, Erica I., and Marthe R. Gold, “Comprehensibility of Measures of Health-Related Quality of Life in Minority and Low-Income Patients.” *Journal of the National Medical Association*. Vol. 94, No. 5, May, 2002, pp 327-335. [HUI3; Construct Validity; Routine Use]

Lubetkin, Erica I., and Marthe R. Gold, “Areas of Decrement in Health-Related Quality of Life (HRQL): Comparing the SF-12, EQ-5D, and HUI3.” *Quality of Life Research*, Vol. 12, No. 8, December, 2003, pp 1059-1067. [HUI3; Construct Validity]

Luce, R. Duncan, and Howard Raiffa, *Games and Decisions: Introduction and Critical Survey*. New York, John Wiley & Sons, Inc., 1957. [Theory]

Luo, Nan, Ling-Huo Chew, Kok-Yong Fong, Dow-Rhoon Koh, See-Cheng Ng, Kam-Hon Yoon, Sheila Vasoo, Shu-Chuen Li, and Julian Thumboo, “A Comparison of the EuroQol-5D and the Health Utilities Index Mark 3 in Patients with Rheumatic Disease.” *Journal of Rheumatology*, Vol. 30, No. 10, October, 2003, pp 2268-2274. [HUI3; Construct Validity]

Luo, Nan, Boon-Kheng Seng, Julian Thumboo, David Feeny, and Shu-Chuen Li, “A Study of the Construct Validity of the Health Utilities Index Mark 3 (HUI3) in Patients with Schizophrenia.” *Quality of Life Research*, Vol 15, No. 5, June, 2006, pp 889-898. [HUI3; Construct Validity]

Luo, Nan, Qinan Wang, David Feeny, Geraldine Chen, Shu-Chuen Li, and Julian Thumboo, “Measuring Health Preferences for Health Utilities Index Mark 3 Health States: A Study of Feasibility and Preference Differences among Ethnic Groups in Singapore,” *Medical Decision Making*, Vol. 27, No. 1, January-February, 2007, pp 61-70. [HUI3; Scoring]

Luo, Nan, Jeffrey A. Johnson, and Stephen Joel Coons, “Using Instrument-Defined Health State Transitions to Estimate Minimally Important Differences for Four Preference-Based Health-Related Quality of Life Instruments.” *Medical Care*, Vol. 48, No. 4, April, 2010, pp 365-371. [HUI2; HUI3; Clinically Important Difference]

Maddigan, Sheri L., David H. Feeny, and Jeffrey A. Johnson, "A Comparison of the Health Utilities Indices Mark 2 and Mark 3 in Type 2 Diabetes." *Medical Decision Making*, Vol. 23, No. 6, November-December, 2003, pp 489-501. [HUI2; HUI3; Construct Validity]

Maddigan, Sheri L., Sumit R. Majumdar, Ellen L. Toth, David H. Feeny, and Jeffrey A. Johnson, "Health-Related Quality of Life Deficits Associated with Varying Degrees of Disease Severity in Type 2 Diabetes." *Health and Quality of Life Outcomes* (electronic journal) (Vol 1: 78, December 15, 2003), <http://www.hqlo.com/content/1/1/78> [HUI3; Construct Validity]

Maddigan, Sheri L., David H. Feeny, and Jeffrey A. Johnson, "Construct Validity of the RAND-12 and Health Utilities Index Mark 2 and 3 in Type 2 Diabetes." *Quality of Life Research*, Vol. 13, No. 2, March, 2004, pp 435-448. [HUI2; HUI3; Construct Validity]

Maddigan, Sheri L., David H. Feeny, and Jeffrey A. Johnson, "Health Related Quality of Life Deficits Associated with Diabetes and Comorbidities in a Canadian National Population Health Survey." *Quality of Life Research*, Vol. 14, No. 5, June, 2005, pp 1311-1320. [HUI3; Construct Validity]

Maddigan, Sheri L., Sumit R. Majumdar, and Jeffrey A. Johnson, "Understanding the Complex Associations Between Patient-Provider Relationships, Self-Care Behaviours, and Health-Related Quality of Life in Type-2 Diabetes: A Structural Equation Modeling Approach." *Quality of Life Research*, Vol. 14, No. 6, August, 2005, pp 1489-1500. [HUI3; Construct Validity]

Maddigan, Sheri L., David H. Feeny, Sumit R. Majumdar, Karen B. Farris, and Jeffrey A. Johnson, "Health Utilities Index Mark 3 Demonstrated Construct Validity in a Population-Based Sample with Type 2 Diabetes." *Journal of Clinical Epidemiology*, Vol. 59, No. 5, May, 2006, pp 472-477. [HUI3; Construct Validity]

Marra, Carlo A., John M. Esdaile, Daphne Guh, Jacek A. Kopec, John E. Brazier, Barry E. Koehler, Andrew Chalmers, and Aslam H. Anis, "A Comparison of Four Indirect Methods of Assessing Utility Values in Rheumatoid Arthritis." *Medical Care*, Vol. 42, No. 11, November, 2004, pp 1125-1131. [HUI2; HUI3; Construct Validity]

Marra, Carlo A., John C. Woolcott, Jacek A. Kopec, Kamran Shojania, Robert Offer, John E. Brazier, John M. Esdaile, and Aslam H. Anis, "A Comparison of Generic, Indirect Utility Measures (the HUI2, HUI3, SF-6D, and the EQ-5D) and Disease-specific Instruments (the RAQoL and the HAQ) in Rheumatoid Arthritis." *Social Science & Medicine*, Vol. 60, No. 7, April, 2005, pp 1571-1582. [HUI2; HUI3; Construct Validity; Interpretability; Responsiveness]

Marra, Carlo A., Amir R. Rashidi, Daphne Guy, Jacek A. Kopec, Michal Abrahamowicz, John M. Esdaile, John E. Brazier, Paul R. Fortin, and Aslam H. Anis, "Are Indirect Utility Measures Reliable and Responsive in Rheumatoid Arthritis Patients?" *Quality of Life Research*, Vol. 14, No. 5, June, 2005, pp 1333-1344. [HUI3; Construct Validity; Test-Retest Reliability; Responsiveness]

Mathias, Susan D., Molly M. Bates, David J. Pasta, Miriam G. Cisternas, David Feeny, and

Donald L. Patrick, "Use of the Health Utilities Index with Stroke Patients and their Caregivers." *Stroke*, Vol. 28, No. 10, October, 1997, pp 1888-1894. [HUI2; Construct Validity; Reliability]

Mayo, Nancy E., Carolina Moriello, Miho Asano, Susara van der Spuy, and Lois Finch, "The extent to which common health-related quality of life indices capture constructs beyond symptoms and function." *Quality of Life Research*, Vol. 20, No. 5, June, 2011, pp 621-627. [HUI3; Content Validity]

McAuley, Kirsten A., Rachael W. Taylor, Victoria L. Farmer, and Paul Hansen, Sheila M. Williams, Chris S. Booker, and Jim I. Mann, "Economic Evaluation of a Community-based Obesity Prevention Program in Children: The APPLE Project." *Obesity*, Vol. 18, No. 1, January, 2010, pp 131-136. [HUI2; Economic Evaluation]

McCabe, Christopher, Katherine Stevens, Jennifer Roberts, and John Brazier, "Health State Values for the HUI2 Descriptive System: Results from a UK Survey." *Health Economics*, Vol. 14, No. 3, March, 2005, pp 231-244. [HUI2; Scoring; United Kingdom preferences]

McCabe, Christopher J., Katherine J. Stevens, and John E. Brazier, "Utility Scores for Health Utilities Index Mark 2: An Empirical Assessment of Alternative Mapping Functions." *Medical Care*, Vol. 43, No. 6, June 2005, pp 627-635. [HUI2; Scoring; United Kingdom preferences]

McCabe, Christopher, John Brazier, Peter Gilks, Aki Tsuchiya, Jennifer Roberts, Anthony O'Hagan, and Katherine Stevens, "Using rank data to estimate health state utility models." *Journal of Health Economics*, Vol. 25, No. 3, May, 2006, pp 418-431. [HUI2; Scoring Function; United Kingdom preferences]

McCarter, Helen, William Furlong, Anthony C. Whitton, David Feeny, Sonja DePauw, Andrew R. Willan, and Ronald D. Barr, "Health Status Measurements at Diagnosis as Predictors of Survival among Adults with Brain Tumors." *Journal of Clinical Oncology*, Vol. 24, No. 22, August 1, 2006, pp 3636-3643. [HUI2; HUI3; Predictive Validity]

McDonough, Christine M., Margaret R. Grove, Tor D. Tosteson, Jon D. Lurie, Alan S. Hilbrand, and Anna N. A. Tosteson, "Comparison of EQ-5D, HUI, and SF-36 Derived Societal Health-State Values among Spine Patient Outcomes Research Trial (SPORT) Participants." *Quality of Life Research*, Vol. 14, No. 5, June, 2005, pp 1321-1332. [HUI2; HUI3; Construct Validity]

McDonough, Christine M., and Anna N. A. Tosteson, "Measuring Preferences for Cost-Utility Analysis: How Choice of Method May Influence Decision-Making." *Pharmacoeconomics*, Vol. 25, No. 2, 2007, pp 93-106. [HUI2; HUI3; Review Article]

McNamee, Paul, and Janelle Seymour, "Comparing generic preference-based health-related quality of life measures: advancing the research agenda." *Expert Reviews of Pharmacoeconomics & Outcomes Research*, Vol. 5, No. 5, October, 2005, pp 567-581. [HUI3; Review Article]

Moock, Joern, and Thomas Kohlmann, "Comparing Preference-based Quality of Life Measures: Results from Rehabilitation Patients with Musculoskeletal, Cardiovascular, or Psychosomatic

Disorders.” *Quality of Life Research*, Vol. 17, No. 3, April, 2008, pp 485-495. Epub February 21, 2008. [HUI2; HUI3; Construct Validity; Responsiveness]

Moy, Marilyn L., Anne L. Fuhlbrigge, Karen Blumenschein, Richard H. Chapman, Alan J. Zillich, Karen M. Kuntz, A. David Paltiel, Barrett T. Kitch, Scott T. Weiss, and Peter J. Neumann, “Association Between Preference-based Health-Related Quality of Life and Asthma Severity.” *Annals of Allergy, Asthma, and Immunology*, Vol. 92, No. 9, March, 2004, pp 329-334. [HUI3; asthma; construct validity]

Mrus, Joseph M., Michael S. Yi, Kenneth A. Freedberg, Albert W. Wu, Robert Zachin, Heather Gorski, and Joel Tsevat, “Utilities Derived from Visual Analog Scale Scores in Patients with HIV/AIDS.” *Medical Decision Making*, Vol. 23, No. 5, September-October, 2003, pp 414-421. [HUI2; Construct Validity]

Naeim, Arash, Emmett B. Keeler, and Carol M. Mangione, “Options for Handling Missing Data in the Health Utilities Index Mark 3.” *Medical Decision Making*, Vol. 25, No. 2, March-April, 2005, pp 186-198. [HUI3; Missing Data]

Naglie, Gary, George Tomlinson, Catherine Tansey, Jane Irvine, Paul Ritvo, Sandra E. Black, Morris Freedman, Michel Silberfeld, and Murray Krahn, “Utility-Based Quality of Life Measures in Alzheimer’s Disease.” *Quality of Life Research*, Vol. 15, No. 4, May, 2006, pp 631-643. [HUI3; Construct Validity; Inter-Rater Reliability; Test-Retest Reliability]

Nathan, Paul C., William Furlong, and Ronald D. Barr, “Challenges to the Measurement of Health-Related Quality of Life in Children Receiving Cancer Therapy.” *Pediatric Blood and Cancer*, Vol. 43, No. 3, September, 2004, pp 215-223. [Review Paper]

Nathan, Paul C., William Furlong, John Horsman, Charmaine van Schaik, Martha Rolland, Sheila Weitzman, David Feeny, and Ronald D. Barr, “Inter-Observer Agreement of a Comprehensive Health Status Classification System for Pre-School Children among Patients with Wilms’ Tumor or Advanced Neuroblastoma.” *Quality of Life Research*, Vol. 13, No. 10, December 2004, pp 1707-1715. [Comprehensive Health Status Classification System for Pre-School Children, CHSCS-PS; Reliability; Construct Validity; Pediatric Oncology]

Nathan, Paul C., William Furlong, Sonja DePauw, John Horsman, Charmaine van Schaik, Martha Rolland, Sheila Weitzman, David Feeny, and Ronald D. Barr, “Health Status of Young Children during Various Phases of Therapy for Advanced Neuroblastoma.” *Pediatric Blood and Cancer*, Vol. 43, No. 6, November, 2004, pp 659-667. [Comprehensive Health Status Classification System for Pre-School Children, CHSCS-PS; Reliability; Construct Validity; Pediatric Oncology]

Neumann, Peter J., Karen M. Kuntz, Joel Leon, Sally S. Araki, Richard C. Hermann, Ming Ann Hsu, and Milton C. Weinstein, “Health Utilities and Health Status in Alzheimer’s Disease: A Cross-Sectional Study of Subjects and Caregivers.” *Medical Care*, Vol. 37, No. 1, January, 1999, pp 27-32. [HUI2; Construct Validity]

Neumann, Peter J., Eileen A. Sandberg, Sally S. Araki, Karen M. Kuntz, David Feeny, and Milton

C. Weinstein, "A Comparison of HUI2 and HUI3 Utility Scores in Alzheimer's Disease." *Medical Decision Making*, Vol. 20, No. 4, October-December, 2000, pp 413-422. [Construct Validity; Scoring]

Nichol, Graham, George Arthur Wells, Karen Kuntz, David Feeny, Will Longstreth, Brian Mahoney, Clay Mann, Ray Lucas, Mark Henry, Ella Huszti, and Alice Birnbaum, "Methodological Design for Economic Evaluation in Public Access Defibrillation (PAD) Trial." *American Heart Journal*, Vol. 150, No. 2, August, 2005, pp 202-208. [HUI2; HUI3]

Nichol, Michael B., Nishan Sengupta, and Denise R. Globe, "Evaluating Quality-Adjusted Life Years: Estimation of the Health Utility Index (HUI) from the SF-36." *Medical Decision Making*, Vol. 21, No. 2, March-April, 2001, pp 105-112. [HUI2; Construct Validity; Scoring]

Nichol, Michael B., and Joshua D. Epstein, "Separating Gains and Losses in Health When Calculating the Minimum Important Difference for Mapped Utility Measures." *Quality of Life Research*, Vol. 17, No. 6, August, 2008, pp 955-961. [HUI2; Interpretation]

O'Brien, Bernie J., Marian Spath, Gordon Blackhouse, J. L. Severens, Paul Dorian, and John Brazier, "A View from the Bridge: Agreement Between the SF-6D Utility Algorithm and the Health Utilities Index." *Health Economics*, Vol. 12, No. 11, November, 2003, pp 975-981. [HUI3; scoring]

Oostenbrink, Rianne, Henriette A. Moll, and Marie-Louise Essink-Bot, "The EQ-5D and the Health Utilities Index for Permanent Sequelae after Meningitis: A Head-to-Head Comparison." *Journal of Clinical Epidemiology*, Vol. 55, No. 8, August, 2002, pp 791-799. [HUI2; HUI3; Construct Validity]

Palta, Mari, Han-Yang Chen, Robert M. Kaplan, David Feeny, Dasha Cherepanov, and Dennis Fryback, "Standard Error of Measurement of 5 Health Utility Indexes Across the Range of Health for Use in Estimating Reliability and Responsiveness." *Medical Decision Making*, Vol 31, No. 2, March-April, 2011, pp 260-269; published online October 8, 2010. [HUI2; HUI3; Reliability; Responsiveness]

Patrick, Donald L., and Pennifer Erickson, *Health Status and Health Policy: Quality of Life in Health Care Evaluation and Resource Allocation*. New York: Oxford University Press, 1993. [Description of Systems]

Payakachat, Nalin, Matthew M. Murawski, and Kent H. Summers, "Health utility and economic analysis: theoretical and practical issues." *Expert Review of Pharmacoeconomics & Outcomes Research*, Vol. 9, No. 4, August, 2009, pp 289-292. [HUI2; HUI3; Review Article]

Paz, Sylvia H., Honghu Liu, Marie N. Fongwa, Leo S. Morales, and Ron D. Hays, "Readability Estimates for Commonly Used Health-Related Quality of Life Surveys." *Quality of Life Research*, Vol. 18, No. 7, September, 2009, pp 889-900; E-publication July 10, 2009. [HUI2; HUI3]

Petrou,Stavros,"Methodological Issues Raised by Preference-Based Approaches to Measuring the

Health Status of Children.” *Health Economics*, Vol. 12, No. 8, August, 2003, pp 697-702. [HUI2; Construct Validity]

Petrou, Stavros, Donna McCann, Catherine M. Law, Peter M. Watkin, Sarah Worsfold, and Colin R. Kennedy, “Health Status and Health-Related Quality of Life Preference-Based Outcomes of Children Who Are Aged 7 to 9 Years and Have Bilateral Permanent Childhood Hearing Impairment.” *Pediatrics*, Vol. 120, No. 5, November, 2007, pp 1044-1052. [HUI3; Construct Validity; Hearing]

Pickard, A. Simon, Jeffrey A. Johnson, David H. Feeny, Ashfaq Shuaib, K. C. Carriere, and Abdul M. Nasser, “Agreement Between Patient and Proxy Assessments of Health-Related Quality of Life after Stroke using the EQ-5D and Health Utilities Index.” *Stroke*, Vol. 35, No. 2, February 2004, pp 607-612. [HUI2; HUI3; Inter-rater Reliability]

Pickard, A. Simon, Jeffrey A. Johnson, and David H. Feeny, “Responsiveness of Generic Health-Related Quality of Life Measures in Stroke.” *Quality of Life Research*, Vol. 14, No. 1, February, 2005, pp 207-219. [HUI2; HUI3; Construct Validity; Responsiveness]

Pickard, A. Simon, Zhixiao Wang, Surrey M. Walton, and Todd A. Lee, “Are Decisions Using Cost-Utility Analyses Robust to Choice of SF-36/SF-12 Preference-Based Algorithm?” *Health and Quality of Life Outcomes*, Vol. 3/1/11, March 4, 2005; <http://www.hqlo.com/content/3/1/11> [HUI2; HUI3; Construct Validity]

Quinn, Graham E., Velma Dobson, Saroj Saigal, Dale L. Phelps, Robert J. Hardy, Betty Tung, C. Gail Summers, Earl A. Palmer, CRYO-ROP Cooperative Group, “Health-Related Quality of Life at Age 10 Years in Very Low-Birth-Weight Children with and without Threshold Retinopathy of Prematurity.” *Archives of Ophthalmology*, Vol. 122, No. 11, November, 2004, pp 1659-1666. [HUI3; Construct Validity]

Raat, Hein, Gouke J. Bonsel, Marie-Louise Essink-Bot, Jeanne M. Landgraf, and Reinoud J. B. J. Gemke, “Reliability and Validity of Comprehensive Health Status Measures in Children: The Child Health Questionnaire in Relation to the Health Utilities Index.” *Journal of Clinical Epidemiology*, Vol. 55, No. 1, January, 2002, pp 67-76. [HUI2, Reliability, Construct Validity]

Raat, Hein, Gouke Bonsel, Reinoud Gemke, Erik Verrips, Paul Krabbe, and Marie-Louise Essink-Bot, “Feasibility and Reliability of a Mailed Questionnaire to Obtain Visual Analogue Scale Valuations for Health States Defined by the Health Utilities Index Mark 3.” *Medical Care*, Vol. 42, No. 1, January, 2004, pp 13-18. [HUI3, Generalizability, Scoring]

Raina, Parminder, Brenda Bonnett, David Waltner-Toews, Christel Woodward, and Tom Abernathy, “How Reliable are Selected Scales from Population-based Health Surveys? An Analysis Among Seniors.” *Canadian Journal of Public Health*, Vol. 90, No. 1, January-February, 1999, pp 60-64. [Reliability of selected HUI3 items]

Rasanen, Pirjo, Eija Roine, Harri Sintonen, Virpi Semberg-Konttinen, Olli-Pekka Ryyanen, Risto Roine, “Use of Quality-Adjusted Life Years for the Estimation of Effectiveness of Health

Care: A Systematic Literature Review.” *International Journal of Technology Assessment in Health Care*, Vol. 22, No. 2, Spring, 2006, pp 235-241. [HUI2; HUI3; Review Article]

Rashidi, Amir Adel, Aslam H. Anis, and Carlo A. Marra, “Do Visual Analogue Scale (VAS) Derived Standard Gamble (SG) Utilities Agree with Health Utilities Index Utilities? A Comparison of Patient and Community Preferences for Health Status in Rheumatoid Arthritis Patients.” *Health and Quality of Life Outcomes*, Vol. 4/1/25, April 20, 2006; <http://www.hqlo.com/content/4/1/25> [HUI2; HUI3; Construct Validity]

Ratcliffe, Julie, Katherine Stevens, Terry Flynn, John Brazier, and Michael Sawyer, “An assessment of the construct validity of the CHU9D in the Australian adolescent general population.” *Quality of Life Research*, Vol. 21, No. 4, May, 2012, pp 717-725; published online August 12, 2011. [HUI2; Construct Validity]

Rehm Jurgen, and Ulrich Frick, “Valuation of Health States in the US Study to Establish Disability Weights: Lessons from the Literature.” *International Journal of Methods in Psychiatric Research*, Vol. 19, No. 1, March, 2010, pp 18-33. [HUI3; Review Article]

Revicki, Dennis A., David Feeny, Timothy L. Hunt, and Bernard Cole, “Analyzing Oncology Clinical Trials Data using the Q-TWiST Method: Clinical Importance and Sources for Health State Preference Data.” *Quality of Life Research*, Vol. 15, No. 3, April, 2006, pp 411-423; Richard Stephens, “Clinically Important Differences in Q-TWiST - One Twist Too Many?” *Quality of Life Research*, Vol. 15, No. 3, April, 2006, pp 425-426; Revicki, Dennis A., David Feeny, Timothy L. Hunt, and Bernard Cole, “Clinically Important Differences in Q-TWiST - One TWiST Too Many, or TWiST and Shout?” *Quality of Life Research*, Vol. 15, No. 3, April, 2006, pp 427-428. [HUI2; HUI3; Interpretation]

Revicki, Dennis A., Nancy Brandenburg, Louis Matza, Mark C. Hornbrook, and David Feeny, Health-Related Quality of Life and Utilities in Primary-care Patients with Generalized Anxiety Disorder.” *Quality of Life Research*, Vol. 17, No. 10, December, 2008, pp 1285-1295; E-pub October 23, 2008. [HUI2; HUI3; Construct Validity]

Revicki, Dennis A., and William R. Lenderking, “Methods and issues associated with the use of quality-adjusted life years.” *Expert Review of Pharmacoeconomics and Outcomes Research*, Vol. 12, No. 1, February 2012, pp 105-114. [HUI2; HUI3; Review Article]

Richardson, Jeff, Munir A. Khan, Angelo Iezzi, and Aimee Maxwell, “Comparing and Explaining Differences in the Magnitude, Content, and Sensitivity of Utilities Predicted by the EQ-5D, SF-6D, HUI3, 15D, QWB, and AQoL-8D Multiattribute Utility Instruments.” *Medical Decision Making*, Vol. 35, No. 3, April, 2015, pp 276-291; published online August 26, 2014. [HUI3; Construct Validity]

Richardson, Jeff, Gang Chen, and Munir A. Khan, “Can Multi-Attribute Utility Instruments Adequately Account for Subjective Well-being?” *Medical Decision Making*, Vol. 35, No. 3, April, 2015, pp 292-304; published online January 26, 2015. [HUI3; Construct Validity]

Richardson, Jeff, Angelo Iezzi, and Munir A. Khan, "Why do multi-attribute utility instruments produce difference utilities: the relative importance of the descriptive systems, scale, and 'micro-utility' effects." *Quality of Life Research*, Vol. 24, No. 8, August, 2015, pp 2045-2053. [HUI3]

Rizzo, John A., Steven Pashko, Rebecca Friedkin, John Mullahy, and Jody L. Sindelar, "Linking the Health Utilities Index to National Medical Expenditure Survey Data." *Pharmacoeconomics*, Vol. 13, No. 5, Part 1, May, 1998, pp 531-541. [HUI1; Construct Validity]

Rizzo, John A. and Jody L. Sindelar, "Linking Health-Related Quality-of-Life Indicators to Large National Data Sets." *Pharmacoeconomics*, Vol. 16, No. 5, Part 1, November, 1999, pp 473-482. [HUI1; Construct Validity]

Robertson, Charlene M. T., Joe M. Watt, Ari R. Joffe, Deirdre B. Murphy, Julianne M. Nagy, Deirdre E. McLean, Kerrie S. Pain, and Duncan Saunders, "Childhood Morbidity after Severe Traumatic Brain Injury: Increased Detection with the Multiattribute Health Status Classification." *Pediatric Critical Care Medicine*, Vol. 2, No. 2, April, 2001, 145-150. [HUI2; Construct Validity; Inter-rater Agreement]

Rowen, Donna, and John Brazier, "Chapter 33. Health Utility Measurement," in Sherry Glied and Peter C. Smith, eds., *The Oxford Handbook of Health Economics*, Oxford, Oxford University Press, 2011, pp 788-813. [HUI2; HUI3; Review Article]

Ruiz, Miguel, Javier Rejas, Javier Soto, Antonio Pardo, and Irene Rebollo, "Adaptación y validación del Health Utilities Index Mark 3 al castellano y baremos de corrección en la población española." *Medicina clinica (Barcelona)*, Vol. 120, No. 3, 2003, pp 89-96. [HUI3; Scoring; Generalizability]

Saigal, Saroj, Peter Rosenbaum, Barbara Stoskopf, Lorraine Hoult, William Furlong, David Feeny, and Ronald Hagan, "Development, Reliability and Validity of New Measure of Overall Health for Pre-School Children." *Quality of Life Research*, Vol. 14, No. 1, February, 2005, pp 243-257. [HUI2 and HUI3 for children under the age of 5]

Samsa, Greg, David Edelman, Margaret Rothman, G. Rhys Williams, Joseph Lipscomb, and David Matchar, "Determining Clinically Important Differences in Health Status Measures: A General Approach with Illustration Using the Health Utilities Index Mark II." *Pharmacoeconomics*, Vol. 15, No. 2, February 15, 1999, pp 141-155. [Interpretability]

Santana, Maria-Jose, David Feeny, Jeffrey A. Johnson, Finlay A. McAlister, Daniel Kim, Justin Weinkauf, and Dale C. Lien, "Assessing the Use of Health-Related Quality-of-Life Measures in the Routine Care of Lung-Transplant Patients." *Quality of Life Research*, Vol. 19, No. 3, April, 2010, pp 371-379; published on-line February 10, 2010. [HUI2; HUI3; Construct Validity; Interpretation; Routine Use]

Schunemann, Holger J., Lauren Griffith, David Stubbings, Roger Goldstein, and Gordon H. Guyatt, "A Clinical Trial to Evaluate the Measurement Properties of 2 Direct Preference

Instruments Administered with and without Hypothetical Marker States.” *Medical Decision Making*, Vol. 23, No. 2, March-April, 2003, pp 140-149. [HUI3, Construct Validity, Responsiveness]

Sengupta, Nishan, Michael B. Nichol, Joanne Wu, and Denise Globe, “Mapping the SF-12 to the HUI3 and VAS in Managed Care Population.” *Medical Care*, Vol. 42, No. 9, September, 2004, pp 927-937. [HUI3; Scoring]

Sgouros, S., Kulkarni, Abhaya V., and S. Constantini, “The International Infant Hydrocephalus Study: Concept and Rational.” *Children Nervous System*, Vol. 22, No. 4, April, 2006, pp 338-345. [HUI3; Study Design]

Silberfeld, Michael, Sergio Rueda, Murray Krahn, and Gary Naglie, “Content Validity for Dementia of Three Generic Preference Based Health Related Quality of Life Instruments.” *Quality of Life Research*, Vol. 11, No. 1, February, 2002, pp 71-79. [HUI2; HUI3; Content Validity]

Speechley, Kathy Nixon, Elizabeth Maunsell, Marie Desmeules, Dena Schanzer, Jeanne Landgraf, David H. Feeny, and Maru E. Barrera, “Mutual Concurrent Validity of the Child Health Questionnaire and the Health Utilities Index: An Exploratory Analysis Using Survivors of Childhood Cancer.” *International Journal of Cancer*, Supplement 12, December, 1999, pp 95-105. [HUI2; Construct Validity]

Stevens, Katherine J., Christopher McCabe, and John E. Brazier, “Mapping between Visual Analogue Scale and Standard Gamble data: results from the UK Health Utilities Index 2 valuation survey.” *Health Economics*, Vol. 15, No. 5, May, 2006, pp 527-533. [HUI2; Scoring Function]

Stevens, Katherine, Christopher McCabe, John Brazier, and Jennifer Roberts, “Multi-attribute Utility Function or Statistical Inference Models: A Comparison of Health State Valuation Models using HUI2 Health State Classification System.” *Journal of Health Economics*, Vol. 26, No. 5, September, 2007, pp 992-1002. [HUI2; Scoring Function]

Sun, Jian, “Adjusting Distributions of the Health Utilities Index Mark 3 Utility Scores of Health-Related Quality of Life.” *Quality of Life Research*, Vol. 12, No. 1, February, 2003, pp 11-20. [HUI3; Construct Validity]

Supina, Alison L., David H. Feeny, Linda J. Carroll, and Jeffrey A. Johnson, “Misinterpretation with Norm-Based Scoring of Health Status in Adults with Type-1 Diabetes.” *Health and Quality of Life Outcomes* (electronic journal) (Vol 4:15, March 16, 2006) <http://www.hqlo.com/content/4/1/15> [HUI3; Construct Validity]

Tarride, Jean-Eric, Natasha Burke, Matthias Bischof, Robert B. Hopkins, Linda Goeree, Kaitryn Campbell, Feng Xie, Daria O’Reilly, and Ron Goeree, “A Review of Health Utilities Across Conditions Common in Paediatric and Adult Populations.” *Health and Quality of Life Outcomes*, Vol. 8, No. 12, January 27, 2010; <http://www.hqlo.com/content/8/1/12> [HUI2; HUI3; Review Article]

Thoma, Achilleas, Sheila Sprague, Karen Veltri, Eric Duku, and William Furlong, "Methodology and Measurement Properties of Health-Related Quality of Life Instruments: A Prospective Study of Patients Undergoing Breast Reduction Surgery." *Health and Quality of Life Outcomes* (electronic journal), Vol. 3, 44, July 22, 2005. <http://www.hqlo.com/content/3/1/44>. [HUI2; HUI3; Test-retest Reliability; Construct Validity; Responsiveness]

Torrance, George W., "Multiattribute Utility Theory as a Method of Measuring Social Preferences for Health States in Long-Term Care," in Robert L. Kane and Rosalie A. Kane, eds., *Values and Long-Term Care*. Lexington, MA: Lexington Books Division of D. C. Health, 1982, pp 127-156. [Description of Systems; Scoring; Theory]

Torrance, George W., Michael H. Boyle, Sargent P. Horwood, "Application of Multi-Attribute Utility Theory to Measure Social Preferences for Health States." *Operations Research*, Vol. 30, No. 6, November-December, 1982, pp 1042-1069. [HUI1; Scoring; Theory]

Torrance, George W., David Feeny, William Furlong, "Visual Analogue Scales: Do They Have a Role in the Measurement of Preferences for Health States?" *Medical Decision Making*, Vol. 21, No. 4, July-August, 2001, pp 329-334. [Scoring; Measurement; Theory]

Torrance, George W., William Furlong, David Feeny, and Michael Boyle, "Multi-Attribute Preference Functions: Health Utilities Index." *PharmacoEconomics*, Vol. 7, No. 6, June, 1995, pp 503-520. [HUI2; Scoring; Theory]

Torrance, George W., William Furlong, and David Feeny, "Health Utility Estimation." *Expert Review of Pharmacoeconomics & Outcomes Research*, Vol. 2, No. 2, 2002, pp 99-108. [Review Paper]

Torrance, George W., Yueming Zhang, David Feeny, William Furlong, and Ronald Barr, "Multi-Attribute Preference Functions for A Comprehensive Health Status Classification System". McMaster University, Centre for Health Economics and Policy Analysis Working Paper No. 92-18, 1992. [HUI2; Scoring; Theory]

Torrance, George W., David H. Feeny, William J. Furlong, Ronald D. Barr, Yueming Zhang, and Qinan Wang, "Multi-Attribute Preference Functions for A Comprehensive Health Status Classification System: Health Utilities Index Mark 2." *Medical Care*, Vol. 34, No. 7, July 1996, pp 702-722. [HUI2; Scoring; Theory]

Torrance, George W., "Measurement of Health State Utilities for Economic Appraisal - A Review." *Journal of Health Economics*, Vol. 5, No. 1, March, 1986, pp 1-30. [HUI1; Description of Systems; Scoring; Theory]

Torrance, George W., and David Feeny, "Utilities and Quality-Adjusted Life Years." *International Journal of Technology Assessment in Health Care*, Vol. 5, No. 4, 1989, pp 559-575. [Theory]

Tosh, Jonathan C., Louise J. Longworth, and Elisabeth George, "Utility Values in National

Institute for Health and Clinical Excellence (NICE) Technology Assessment Appraisals.” *Value in Health*, Vol. 14, No. 1, January, 2011, pp 102-109. [HUI2; HUI3; Review Article]

Tosh, Jonathan, John Brazier, Philippa Evans, and Louise Longworth, “A Review of Generic Preference-Based Measures of Health-Related Quality of Life in Visual Disorders.” *Value in Health*, Vol. 15, No. 1, January-February, 2012, pp 118-127. [HUI3; Vision; Construct Validity; Review Article]

Ungar, Wendy J., “Challenges in Health State Valuation in Paediatric Economic Evaluation: Are QALYs Contraindicated?” *Pharmacoeconomics*, Vol. 29, No. 8, August, 2011, pp 641-652. [HUI2; HUI3; Review Article]

Valderas, Jose M., and Jordi Alonso, “Patient Reported Outcome Measures: A Model-Based Classification System for Research and Clinical Practice.” *Quality of Life Research*, Vol. 17, No. 9, November, 2008, pp 1125-1135. [HUI2; HUI3; Review Article]

Verrips, G. H. W., M. C. Stuifbergen, A. L den Ouden, G. J. Bonsel, R. J. B. J. Gemke, N. Paneth, and S. P. Verloove-Vanhorick, “Measuring Health Status Using the Health Utilities Index: Agreement Between Raters and Between Modalities of Administration.” *Journal of Clinical Epidemiology*, Vol. 54, No. 5, May, 2001, pp 475-481. [HUI3; Interrater Reliability; Inter-mode Reliability; Child Health]

von Neumann, John, and Oskar Morgenstern, *Theory of Games and Economic Behavior*. Princeton: Princeton University Press, 1944. [Theory]

Wang, Qinan, William Furlong, David Feeny, George Torrance, and Ronald Barr, “How Robust is the Health Utilities Index Mark 2 Utility Function?” *Medical Decision Making*, Vol. 22, No. 4, July-August, 2002, pp 350-358. [HUI2; Scoring]

Wee, Hwee-Lin, David Machin, Wai Chiong Loke, Shu-Chuen Li, Yin-Bun Cheung, David Feeny, Kok-Yong Fong, and Julian Thumboo, “Assessing Differences in Utility Scores: A Comparison of 4 Widely Used Preference-based Instruments,” *Value in Health*, Vol. 10, No. 4, 2007, pp 256-265. [HUI3; Construct Validity]

Wee, Hwee-Lin, Shu-Chuen Li, Xu-Han Zhang, Feng Xie, David Feeny, Nan Luo, Yin-Bun Cheung, David Machin, Kok-Yong Fong, and Julian Thumboo, “Are Symbols Useful and Culturally Acceptable in Health-State Valuation Studies? An Exploratory Study in a Multi-Ethnic Asian Population.” *Patient Preference and Adherence*, Vol 2., 2008, pp 271-276. [HUI3; Methods for eliciting preference scores]

Wiebe, Samuel, Michael Eliasziw, and Suzan Matijevec, “Changes in Quality of Life in Epilepsy: How Large Must They Be to be Real?” *Epilepsia*, Vol. 42, No. 1, January, 2001, pp 113-118. [HUI3; Interpretation; Reliability; Responsiveness]

Wiebe, Samuel, Suzan Matijevec, Michael Eliasziw, and P. A. Derry, “Clinically Important Change in Quality of Life in Epilepsy.” *Journal of Neurology, Neurosurgery, and Psychiatry*, Vol. 73,

No. 2, August, 2002, pp 116-120. [HUI3; Interpretation; Responsiveness]

Wilke, Caitlyn T., A. Simon Pickard, Surrey M. Walton, Joern Moock, Thomas Kohlmann, and Todd A. Lee, "Statistical Implications of Utility Weighted and Equally Weighted HRQL Measures: An Empirical Study." *Health Economics*, Vol. 19, No. 1, January, 2010, pp 101-110; published online February 26, 2009. [HUI3; Construct Validity; Responsiveness; Test-Retest Reliability]

Wodchis, Walter P., John P. Hirdes, and David H. Feeny, "A Health-Related Quality of Life Measure Based on the Minimum Data Set." *International Journal of Technology Assessment in Health Care*, Vol. 19, No. 3, Summer, 2003, pp 490-506. [HUI2; MDS-HSI; Construct Validity]

Wodchis, Walter P., Colleen J. Maxwell, Adriana Venturini, Jennifer D. Walker, Jenny Zhang, David B. Hogan, and David H. Feeny, "Study of Observed and Self-Reported HRQL in Older Frail Adults Found Group-Level Congruence and Individual-Level Differences." *Journal of Clinical Epidemiology*, Vol. 60, No. 5, May, 2007, pp 502-511. [HUI2; MDS-HSI; Construct Validity; Inter-rater Reliability]

Young, Nancy L., J. Ivan Williams, Karen K. Yoshida, and James G. Wright, "Measurement Properties of the Activities Scale for Kids." *Journal of Clinical Epidemiology*, Vol. 53, No. 2, February, 2000, pp 125-137. [HUI3; Construct Validity]