PUBLICATIONS on the W-BQ

Updated 17.02.25

Chapter on the development of the W-BQ22

Bradley C (1994) The Well-being Questionnaire. In Bradley C (Ed) *Handbook of Psychology* and *Diabetes: a guide to psychological measurement in diabetes research and practice*. Abingdon: Routledge ISBN 9783718655625, formerly published by Harwood Academic Publishers ISBN 3-7186-5562-4: p. 89-109.

Original development work on the W-BQ

Bradley C and Lewis KS (1990) Measures of psychological well-being and treatment satisfaction developed from the responses of people with tablet-treated diabetes. *Diabetic Medicine* **7**, 445-451.

Development of the W-BQ12

- Bradley C (2000) The 12-item Well-Being Questionnaire. Origins, current stage of development, and availability. *Diabetes Care*, **23** (6) 875.
- Plowright R, Witthaus E and Bradley C (1999) Evaluating the 12-item Well-being Questionnaire for use in multinational trials. *Quality of Life Research* **8** (7) 650.
- Pouwer F, Snoek FJ, van der Ploeg HM, Adèr HJ and Heine RJ (2000) The Well-being Questionnaire: evidence for a three-factor structure with 12 items (W-BQ12). *Psychological Medicine*, **30**, 455-462. (Psychometric validation of the Dutch version of the W-BQ12)
- Pouwer F, van der Ploeg HM, Adèr HJ, Heine RJ and Snoek FJ (1999) The 12-Item Wellbeing Questionnaire: An evaluation of its validity and reliability in Dutch people with diabetes. *Diabetes Care*, **22** (12) 2004-2010.
- Riazi A, Bradley C, Barendse S and Ishii H (2006) Development of the Well-being questionnaire short-form in Japanese: the W-BQ12. *Health and Quality of Life Outcomes* **4**:40. http://www.hglo.com/content/pdf/1477-7525-4-40.pdf
- Witthaus E, Stewart J and Bradley C (2001) Treatment satisfaction and psychological well-being with insulin glargine compared with NPH in patients with Type 1 diabetes. *Diabetic Medicine*. **18**, 619-625, (Trial which compared W-BQ12 with parent W-BQ22).

General Commentary

Bradley C (2001) Importance of differentiating health status tools from quality of life. *The Lancet*, **357**, 7-8.

Commentary on FDA draft guidance on patient reported outcome measurement

Bradley C (2006) Feedback on the FDA's February 2006 draft guidance on Patient Reported Outcome (PRO) measures from a developer of PRO measures. *Health and Quality of Life Outcomes* **4** (1) 78, http://www.hqlo.com/content/4/1/78.

Recommendation for use of W-BQ in the WHO/IDF St Vincent Declaration Action Programme for Diabetes in Europe

- Bradley C and Gamsu DS for the psychological well-being working group of the WHO/IDF St. Vincent Declaration Action Programme for Diabetes (1994). Guidelines for encouraging psychological well-being: Report of a working group of the World Health Organisation Regional Office for Europe and International Diabetes Federation European Region St. Vincent Declaration Action Programme for Diabetes. *Diabetic Medicine*, **11**, 510-516.
- Krans HMJ, Porta M, Keen H and Staehr Johansen K (Eds) (1995) Diabetes care and research in Europe: the St Vincent Declaration Action Programme; implementation document. Giornale italiano di Diabetologia, **15** (1), Copenhagen, World Health Organisation, Regional Office for Europe, 40-47.

Comparison of standard and computerised versions of the W-BQ

Pouwer F, Snoek FJ, van der Ploeg HM, Heine RJ and Brand AN (1998) A comparison of the standard and the computerized versions of the Well-Being Questionnaire (WBQ) and the Diabetes Treatment Satisfaction Questionnaire (DTSQ). *Quality of Life Research*, **7** (1) 33-38.

Psychometric Validation of the W-BQ28

Speight J, Khagram L A and Davies M J (2012) Generic and diabetes-specific well-being in the AT.LANTUS Follow-on study: further psychometric validation of the W-BQ28 indicates its utility in research and clinical practice in Type 2 diabetes in the UK. *Diabetic Medicine*, **29** (9) e345-53.

Validation of translations of the W-BQ

Plowright R et al (1999) referenced above.

Pouwer F et al (2000) referenced above.

Pouwer F et al (1999) referenced above.

- Riazi A, Ishii H, Barendse S and Bradley C (1999) Well-being Questionnaire (W-BQ): Translation and Psychometric Development of a short form (W-BQ12) in Japanese. *Proceedings of the British Psychological Society* **7**, suppl 1, 34.
- Riazi A, Bradley C, Barendse S and Ishii H (2006) Development of the Well-being questionnaire short-form in Japanese: the W-BQ12. *Health and Quality of Life Outcomes* **4**:40. http://www.hglo.com/content/pdf/1477-7525-4-40.pdf
- Singh H, Plowright R and Bradley C (2005) Linguistic validation of diabetes-specific psychological measures in Hindi and Punjabi. *Proceedings of the British Psychological Society* **13** (1) 88-89.

- Witthaus E et al (2001) referenced above.
- Wredling R, Ståhlhammer J, Adamson U, Berne C, Larsson Y and Östman J (1995) Wellbeing and treatment satisfaction in adults with diabetes: A Swedish population-based study. *Quality of Life Research* **4**, 515-522.

Reports of the use of the W-BQ with adults with diabetes

- Bradley C and Gamsu DS for the psychological well-being working group of the WHO/IDF St. Vincent Declaration Action Programme for Diabetes (1994) Guidelines for encouraging psychological well-being: Report of a working group of the World Health Organisation Regional Office for Europe and International Diabetes Federation European Region St. Vincent Declaration Action Programme for Diabetes. *Diabetic Medicine*, **11**, 510-516.
- DAFNE Study Group* (2002) Training in flexible, intensive insulin management to enable dietary freedom in people with type 1 diabetes: the dose adjustment for normal eating (DAFNE) randomised controlled trial. *British Medical Journal*, **325**, 746-749 (full 6 page version of paper published on BMJ website http://bmj.com/cgi/content/full/325/7367/746). (Trial showing major improvement in well-being with the W-BQ12).
 - *Amiel S, Beveridge S, Bradley C, Gianfrancesco C, Heller S, James P, McKeown N, Newton D, Newton L, Oliver L, Reid H, Roberts S, Robson S, Rollington J, Scott V, Speight J, Taylor C, Thompson G, Turner E & Wright F.
- Farmer AJ, Levy JC and Turner RC (1999) Knowledge of risk of developing diabetes mellitus among siblings of Type 2 diabetic patients. *Diabetic Medicine*, **16**, 233-237.
- Johansson UB, Wredling RAM, Adamson UCK and Lins PES (1999) A randomised study evaluating the effects of cisapride on glucose variability and quality of life parameters in insulin-dependent diabetes mellitus patients. *Diabetes & Metabolism (Paris)*, **25**, 314-319.
- Kohlmann C-W and Lißmann I (2003) Well-Being Questionnaire (W-BQ): Fragebogen zum Wohlbefinden von Diabetespatienten. In J Schumacher, A Klaiberg & E Brähler (Eds). Diagnostische Verfahren zu Lebensqualität und Wohlbefinden. Göttingen: Hogrefe.
- Pouwer F, Snoek FJ, van der Ploeg HM, Ader HJ and Heine RJ (2001) Monitoring of Psychological Well-Being in Outpatients with Diabetes. *Diabetes Care*, **24** (11) 1929-1935.
- Speight J, Barendse S and Bradley C (2000) Impact of positively- versus negatively-worded items on the factor structure of three psychological measures: W-BQ22, W-BQ12 and HADS. *Proceedings of the British Psychological Society* **8** (1) 21.
- Speight J, Barendse S and Bradley C (1999) Impact of positively– versus negatively– worded items on the factor structure of three psychological measures: W-BQ22, W-BQ12 and SF-36. *Quality of Life Research* **8** (7) 576.
- Speight J and Bradley C (2002) The W-BQ28 measure of generic and diabetes-specific well-being is shown to be reliable, valid and sensitive to change in DIABQoL+ and DAFNE studies. *Diabetic Medicine*, **19** (suppl. 2) 10.
- Valerkou S (2008) Keeping the mind healthy. Diabetes Update (Summer 2008): 38.

Reports of use of the W-BQ with other groups

Chronic Illness

- Paterson, C (2006) Measuring changes in self-concept: a qualitative evaluation of outcome questionnaires in people having acupuncture for their chronic health problems. *BMC Complementary and Alternative Medicine*, **6**:7.
- Paterson, C (2005) A set of patient-centred outcome tools for acupuncture and Chinese medicine: SPOT-ACM. *Focus on Alternative and Complementary Therapies,* **10** (Suppl. 1) 1-2.

Growth Hormone Deficiency

- McMillan C, Bradley C, Gibney J, Sonksen P and Russell-Jones D (2000) A comparison of the psychometric properties of quality of life and related measures (GWBI, W-BQ12, NHP, SF-36 and HDQoL) for use in research into adult growth hormone deficiency (GHD). *Quality of Life Research*, **9** (3) 324 Abstract 1352.
- McMillan CV, Bradley C, Gibney J, Russell-Jones DL and Sönksen P (2001) Measuring psychological well-being in adult growth hormone deficiency (GHD). *Proceedings of the British Psychological Society*, **9** (1) 71.
- McMillan CV, Bradley C, Gibney J, Russell-Jones DL and Sönksen PH (2006) Psychometric Properties of two measures of psychological well-being in adult growth hormone deficiency. *Health and Quality of Life Outcomes*, **4**:16. http://www.hglo.com/content/4/1/16.

HIV Infection

Cederfjäll C, Langius-Eklöf A, Lidman K and Wredling R (2001) Gender Differences in Perceived Health-Related Quality of Life Among Patients with HIV Infection.

AIDS Patient Care and STDs, 15, (1), 31-39.

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11177586

Macular Disease

Mitchell J and Bradley C (2001) Psychometric evaluation of the 12-item Well-being Questionnaire for use with people with macular disease. *Quality of Life Research*, **10**, 465-473.

Rheumatoid Arthritis

Pincus T, Griffiths J, Isenberg D and Pearce S (1997) The Well-Being Questionnaire: Testing the structure in groups with rheumatoid arthritis. *British Journal of Health Psychology*, **2**, 167-174.

People at high risk of diabetes

Hendrieckx C, De Smet F, Kristoffersen I and Bradley C. (2002) Risk assessment for developing type 1 diabetes: Intentions of behavioural changes prior to risk notification. *Diabetes Metabolism Research and Reviews*, **18**: 36-42.

CB/19.6.02. Updated 11.3.03/15.4.03/6.5.03/19.8.03/27.11.03/5.8.04/28.9.04 JC/ 5.5.05 CB/ 1.6.05 JC/ 25.4.06 JB/21.6.06/14.11.06/CB28.11.06/JB17/12/07/ JB5/8/08/ JB20.5.09/ JB9.9.09/ AW18.9.13 JB11.8.15, 8.7.16(McMillan & Bradley 2000 amended)