

## **PUBLICATIONS on the ADDQoL**

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### **Paper on Original Development of the 13-item ADDQoL (now superseded)**

Bradley C, Todd C, Gorton T, Symonds E, Martin A and Plowright R (1999) The development of an individualised questionnaire measure of perceived impact of diabetes on quality of life: the ADDQoL. *Quality of Life Research* **8**, 79-91.

### **Paper reporting on Psychometrics of the subsequent 18-item ADDQoL**

Bradley C and Speight J (2002) Patient perceptions of diabetes and diabetes therapy: assessing quality of life. *Diabetes Metabolism Research and Reviews* **18** (3), S64-S69.

Sundaram M, Kavookjian J, Hicks Patrick J, Miller L, Madhavan S and Scott V Quality of life, health status and clinical outcomes in Type 2 diabetes patients. *Quality of Life Research* (2007) **16**: 165-177

### **Papers reporting on Psychometrics of the latest 19-item ADDQoL**

Wee HL, Tan CE, Goh SY and Li SC (2006) Usefulness of the Audit of Diabetes Dependent Quality of Life (ADDQoL) Questionnaire in Patients with Diabetes in a Multi-Ethnic Asian Country *Pharmacoeconomics* **24** (7): 673-682.

### **General Commentary**

Bradley C (2001) Importance of differentiating health status from quality of life. *The Lancet* **357**(9249), 7-9.

### **Responses to Reviews of Patient Reported Outcome Measures (PROMs) which include the ADDQoL**

Bradley C (2009) Psychometric tools for measuring outcomes of diabetes education; a critique of Eigenmann et al.'s assessment of suitability. *Diabetic Medicine* **26** (9) 952-953.  
[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=19719722](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19719722)

Brose LS, Mitchell J and Bradley C (2009) Comments on Speight et al.'s 'Not all roads lead to Rome – a review of quality of life measurement in adults with diabetes'. *Diabetic Medicine* **26** (9) 1076-1077.

## **Commentary on FDA draft guidance on patient reported outcome measurement**

Bradley C (2006) Feedback on the FDA's February 2006 draft guidance on Patient Reported Outcome (PRO) measures from a developer of PRO measures.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>.

## **Reports of use of the ADDQoL with adults with Diabetes**

Bradley C, Eschwège E, de Pablos-Velasco P, Parhofer KG, Simon D, Tafalla M, Pascual E and Gönder-Frederick LA (2010) The PANORAMA pan-European survey: impact of severe and non-severe hypoglycaemia on quality of life and other patient reported outcomes in patients with type 2 diabetes. *Diabetologia* 53: (Suppl 1) S234-5, Abstract 580

Bradley C, de Pablos-Velasco P, Parhofer KG, Eschwège E, Gönder-Frederick L and Simon D (2011) PANORAMA: a European study to evaluate quality of life and treatment satisfaction in patients with type-2 diabetes mellitus – study design. *Primary Care Diabetes* 5(4): 231-239.  
<http://www.ncbi.nlm.nih.gov/pubmed/21752743>

Bradley C. Patient centred approaches to improving self care (2002) Website of *The British Journal of Diabetes and Vascular Disease*. Cyberconference: Compliance, concordance and control – Measures to improve outcome. <http://www.bjdvd.com/conferences.asp>

Bradley C (2001) FIT: A paradigm shift that recognises the importance of dietary freedom and quality of life in diabetes management. *Health Psychology Update* 10 (3), 74-75.

Botija Yagüe MP, Lizan Tudela L, Gosalbes Soler V, Bonet Plá Á and Fornos Garrigós A (2007) How does intensive therapy to control cardiovascular risk factors affect health-related quality of life in diabetic patients? *Atención Primaria* 39 (5): 227-34.

Deakin TA, Cade JE, Williams DRR and Greenwood DC (2003) Empowered patients: better diabetes control, greater freedom to eat, no weight gain. *The International Diabetes Federation Abstract Volume of the 18<sup>th</sup> Congress, Paris, France*.

Deakin TA, Cade JE, Williams DRR and Greenwood DC (2006) Structured patient education: the Diabetes X-PERT Programme makes a difference. *Diabetic Medicine* 23 (9): 944-954.

de Pablos-Velasco P, Parhofer KG, Bradley C, Eschwège E, Gönder-Frederick L, Maheux P, Wood I and Simon D (2013) Current level of glycaemic control and its associated factors in patients with type2 diabetes across Europe: data from the PANORAMA study. *Clinical Endocrinology* online DOI: 10.1111/cen.12119.  
<http://authorservices.wiley.com/bauthor/onlineLibraryTPS.asp?DOI=10.1111/cen.12119&ArticleID=1089741>

Johnston P, Stephens J, Witthaus E and Bradley C (2004) Improved Treatment Satisfaction and Quality of Life with Insulin Glargine + Lispro compared with NPH Insulin + Regular Human Insulin in Patients with Type 1 Diabetes. *The Endocrine Society's 86<sup>th</sup> Annual Meeting Program and Abstract Book*; 397 (Abstract No.P2-370).

Kinmonth A-L, Woodcock A, Griffin S, Spiegel N and Campbell MJ (1998) Randomised control trial of patient-centred care in general practice: impact on current well-being and future disease risk. *British Medical Journal* 317, 1202-1208. (No significant improvement in ADDQoL scores in this trial).

- Parhofer K, Bradley C, Eschwège E, Gönder-Frederick L, Simon D, Vandenberghe H, Wood I, de Pablos-Velasco P (2012) Die Europäische PANORAMA-Studie - deutsche Kohorte: Klinische, klinisch-chemische und psychologische Charakteristika von Typ 2 Diabetikern in Abhängigkeit von der Blutzuckereinstellung. *Diabetologie und Stoffwechsel* 2012; 7 - FV\_16 <https://www.thieme-connect.de/ejournals/abstract/10.1055/s-0032-1314448>
- Parhofer KG, Bradley C, Eschwège E, Gönder-Frederick, Simon D, Vandenberghe H, Wood I and de Pablos-Velasco P (2011) The PANORAMA European study: biomedical and psychological characteristics of people with type 2 diabetes with and without obesity. *Diabetologia* **54** (Suppl 1) S382-383, Abstract 938
- Simon D, Eschwege E, Andre L, Amelineau E, Geha S and Bradley C (2011) Impact des hypoglycémies sur la qualité de vie des patients diabétiques de type 2 : l'étude européenne PANORAMA. *Diabetes & Metabolism* **37** (Suppl 1): A63, Abstract 119. <http://www.sciencedirect.com/science/article/pii/S1262363611707455>
- Speight J and Bradley C (2002) DAFNE: improved quality of life as a result of intensified treatment is counter-intuitive to many clinicians. *Brit Med J*, 6<sup>th</sup> Nov, rapid response letter: <http://bmj.com/cgi/eletters/325/7367/746#26769>
- Speight J and Bradley C (2000) ADDQoL indicates negative impact of diabetes on quality of life despite high levels of satisfaction with treatment. *Diabetologia* **43** (suppl 1), A225.
- Sundaram M, Kavookjian J, Hicks Patrick J, Miller L, Madhavan S and Scott V (2006) Quality of life, health status and clinical outcomes in Type 2 diabetes patients. *Quality of Life Research* (2007) **16**: 165-177
- Valerkou S (2008) Keeping the mind healthy. *Diabetes Update* (Summer 2008): 38.
- Walker J and Bradley C (2002) Assessing the quality of life of adolescents with diabetes: using the SEIQoL, DQOL, patient and diabetes specialist nurse ratings. *Practical Diabetes International* **19**, 5, 141-144. (Work preceding ADDQoL development).
- Wee HL, Tan CE, Goh SY and Li SC (2006) Usefulness of the Audit of Diabetes Dependent Quality of Life (ADDQoL) Questionnaire in Patients with Diabetes in a Multi-Ethnic Asian Country *Pharmacoeconomics* **24** (7): 673-682.
- Witthaus E, Ashwell SG, Johnston P, Stephens J, Home PD and Bradley C (2004) Quality of Life is improved with Insulin Glargine + Lispro Compared with NPH Insulin + Regular Human Insulin in Patients with Type 1 Diabetes. *Diabetologia* **47**: [Suppl 1]:A306, Abstract 849.
- Woodcock AJ, Bradley C and Kinmonth AL (1996) Quality of life in non-insulin dependent diabetes: the effects of comorbidity. *Diabetic Medicine* **7**, S14.
- Woodcock AJ, Julious SA, Kinmonth A-L and Campbell MJ (2001) Problems with the performance of the SF-36 among people with type 2 diabetes in general practice. *Quality of Life Research* **10**, 661-670. (Comparison of SF-36 with ADDQoL showing SF-36 scores are affected by comorbidities while ADDQoL scores are not).

## **DAFNE (Dose Adjustment for Normal Eating) training**

The DAFNE Study Group\* (2010) Long-term biomedical and psychosocial outcomes following DAFNE (Dose Adjustment For Normal Eating) structured education to promote intensive insulin therapy in adults with sub-optimally controlled Type 1 diabetes. *Diabetes Research and Clinical Practice*, **89** (1), 22-29.

\*Speight J, Amiel S, Bradley C, Heller S, Oliver L, Roberts S, Rogers H, Taylor C, and Thompson G.

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 ADDQoL scores).

\*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 and Wright F.

Rogers H, Turner E, Thompson G, Hopkins D and Amiel SA (2009) Hub-and-spoke model for a 5-day structured patient education programme for people with Type 1 diabetes. *Diabetic Medicine* **26**, 915-920

Speight J, Amiel S, Bradley C, Heller S, James P, Oliver L, Roberts S, Rogers H, Taylor C and Thompson G (2007) The Dose Adjustment For Normal Eating (DAFNE) Trial: improvements in HbA1c still apparent and quality of life benefits well maintained at 4-year follow-up. *Diabetic Medicine* **24** (Suppl 1) 95, P224.

## **Validation of translations**

Costa, FA, Guerreiro, JP and Duggan, C (2006) An Audit of Diabetes Dependent Quality of Life (ADDQoL) for Portugal: exploring validity and reliability. *Pharmacy Practice* **4** (3): 123-128.

Singh H and Bradley C (2006) Assessing diabetes-specific knowledge in people with diabetes living in India. *Diabetic Medicine* **23** (Suppl 4) 471 A1304.

Wee HL, Tan CE, Goh SY and Li SC (2006) Usefulness of the Audit of Diabetes Dependent Quality of Life (ADDQoL) Questionnaire in Patients with Diabetes in a Multi-Ethnic Asian Country *Pharmacoeconomics* **24** (7): 673-682.

## **Reviews referring to the ADDQoL**

Bradley C (1996) Measuring quality of life in diabetes. In SM Marshall, PD Home, and RA Rizza, (Eds) *Diabetes Annual* **10**: Amsterdam: Elsevier Science, pp207-27.

Bradley C and Gilbride CJB (2008) Improving treatment satisfaction and other patient-reported outcomes in people with Type 2 diabetes: the role of once-daily insulin glargine. *Diabetes, Obesity and Metabolism* **10** (Suppl.1), 50-65. <http://www.blackwell-synergy.com/toc/dom/10/s2>  
<http://eprints.rhul.ac.uk/712/>

Browne J (1999) Selected methods for assessing individual quality of life. In Joyce CRB, O'Boyle CA and McGee H (editors) *Individual Quality of Life: approaches to conceptualisation and assessment*. Harwood Academic Publishers, Amsterdam.

El Achhab Y, Nejjari C, Chikri M and Lyoussi B (2008) Disease-specific health-related quality of life instruments among adults diabetic: A systematic review. *Diabetes Research and Clinical Practice* **80**, 171-184

Garratt AM, Schmidt L and Fitzpatrick R (2002) Patient-assessed health outcome measures for diabetes: a structured review. *Diabetic Medicine* **19**, 1-11.

Greenhalgh J (1996) The role of user outcomes within diabetes care. *Outcomes Briefing* **8**, 10-16.

Polonsky WH (2000) Understanding and assessing diabetes-specific quality of life. *Diabetes Spectrum* **13** (1), 17-22.

Speight J, Reaney MD and Barnard KD (2009) Not all roads lead to Rome – a review of quality of life measurement in adults with diabetes. *Diabetic Medicine* **26** (4): 315-327

### **Diabetes Across the Lifespan**

McMillan C, Datta J, Madge N and Bradley C (2003) Psychometric properties of a new individualised measure of quality of life (QoL) for teenagers with diabetes mellitus: the ADDQoL-Teen. *Quality of Life Research* **12** (7) 803.

Speight J, Sinclair AJ, Browne JL, Woodcock A and Bradley C (2013) Assessing the impact of diabetes on the quality of life of older adults living in a care home: validation of the ADDQoL Senior. *Diabetic Medicine* **30** (1) 74-80. DOI: 10.1111/j.1464-5491.2012.03748.x. <http://onlinelibrary.wiley.com/doi/10.1111/j.1464-5491.2012.03748.x/pdf>

Speight J, Woodcock A, Plowright R and Bradley C (2003) Design of an individualised measure of the impact of diabetes on the quality of life of elderly people: the ADDQoL Senior. *Quality of Life Research* **12** (7) 863, Abstract 1509.

Wilson RJ, Christie MJ and Bradley C (1998) A qualitative investigation to inform the design of quality of life measures for children with diabetes. *Diabetic Medicine* **15**, (Suppl 2), 122-3.

### **Adaptations of the ADDQoL for Other Conditions**

#### **Eye Conditions**

Brose LS, Dawczynski J, Menon G and Bradley C (2010) Development of the Individualised Eye-Dependent Quality of Life Questionnaire: EyeDQoL. 2010 International Society for Quality of Life Research meeting abstracts. *Quality of Life Research*, **19** (suppl 1), 29, Abstract #1183. <http://www.springerlink.com/content/5203321j83123k3p/fulltext.pdf>

Brose LS, Plowright R, Mitchell J and Bradley C (2009) Individualised Quality of Life (QoL) and Treatment Satisfaction Questionnaires for People with Eye Conditions: EyeDQoL and EyeTSQ Design. International Society for Quality of Life Research meeting abstracts. *The QLR Journal*, A-58, Abstract #1361.

## Diabetic Retinopathy

Brose LS and Bradley C. Psychometric development of the individualised Retinopathy-Dependent Quality of Life Questionnaire (RetDQoL). *Value in Health* **13** (1) 119-127.

Woodcock A, Bradley C, Plowright R and Hirsch A (2002) How does diabetic retinopathy affect quality of life? Interviews to guide the design of a condition-specific, individualised questionnaire: the RetDQoL. *Diabetic Medicine* **19** (Suppl 2), 98-99.

Woodcock A, Bradley C and Plowright R. The influence of diabetic retinopathy on quality of life. Interviews to guide the design of a condition-specific, individualised questionnaire: the RetDQoL. *Patient Education and Counselling* **53**, 365-383.

## Macular Disease

Berdeaux G, Mesbah M and Bradley C (2011) Metric properties of the MacDQoL, individualized macular-disease-specific quality of life instrument, and newly identified subscales in French, German, Italian and American populations. *Value in Health* **14** (1) 110-120.  
<http://www.ncbi.nlm.nih.gov/pubmed/21211493>

Mitchell J and Bradley C (2002) Design of the MacDQoL individualised measure of the impact of macular disease on quality of life. *Quality of Life Research* **11** (7) 302.

Mitchell J and Bradley C. Measuring quality of life in macular disease: what use are utilities? *Quality of Life Research* **12** (7) 865.

## **Endocrine Disorders**

### Growth Hormone Deficiency

McMillan CV and Bradley C (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. (Full manuscript submitted)

### Age-Related Hormone Decline

McMillan CV, Bradley C, Giannoulis M, Martin F and Sönksen PH (2003) Preliminary development of a new individualised questionnaire measuring quality of life in older men with age-related hormonal decline: the A-RHDQoL. *Health and Quality of Life Outcomes* **1**:51 <http://www.hqlo.com/content/1/1/51>

### Hypothyroidism

McMillan C, Bradley C, Razvi S and Weaver J (2008) Evaluation of new measures of the impact of hypothyroidism on quality of life and symptoms: the ThyDQoL and ThySRQ. *Value in Health* **11** (2) 285-294. <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1524-4733.2007.00232.x?journalCode=vhe&volume=11&issue=2>. <http://eprints.rhul.ac.uk/99/>

## **Renal failure**

Bradley C (1997) Design of a renal-dependent individualised quality of life questionnaire: RDQoL. *Advances in Peritoneal Dialysis* **13**, 116-20.

Phillips L, Davies S, White E, Barendse S, Bradley C and Sprosen T. (2000) Quality of Life with Peritoneal Dialysis (PD). An evaluation using the Renal Dependent Quality of Life Questionnaire (RDQoL). *Peritoneal Dialysis International* **20** (I) 116.

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11.11.09/AW 28.01.10/ AW 1.7.10/AW 17.5.12 / AW 17.5.13 / AW 18.10.13