

Table S1 – validated questionnaires used for assessment of construct validity

Construct measured	Validated questionnaires
Sleep quality / sleep disturbance	Patient-Reported Outcomes Measurement Information System (PROMIS) - Sleep Disturbance – Short Form 8b [2]
Depressive symptoms	Patient Health Questionnaire – 9 (PHQ-9) [1]
Anxiety symptoms	General Anxiety Disorder-7 (GAD-7) [2]
Vitality	Vitality subscale SF-36 [3]
Cognitive functioning	Perceived Deficit Questionnaire (PDQ-20) [4]
Fear of hypoglycaemia	Hypoglycaemic Fear Survey II (HFS-II) [5]
Diabetes Distress	Problem Areas In Diabetes (PAID-20) [6]
Diabetes-specific Quality of life	Dawn Impact of Diabetes Profile (DIDP) [7]
Work and productivity	Work Productivity and Activity Impairment Questionnaire: Specific Health Problem (WPAI:SHP) [8]

References:

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