

Table S5 - Utilities derived for type 1 diabetes mellitus

Author, Year, Country	Study Design	Interventions	Setting	Mean (SD) Age	% Males	Utility Instrument	Baseline Utility		End of Study Utility	
							N	Mean (SD)	N	Mean (SD)
Children/ Adolescents										
Nordfeldt et al. 2001 Sweden	Non-randomized, prospective cohort; 12 months	n/a	postal survey of previously treated patients (n=129)	11.8 (4.1)	n/a	EQ-5D index	n/a	Severe hypoglycemia median: 0.85 No severe hypoglycemia median: 1.0	n/a	n/a
Adults										
Currie et al. 2006a UK	Cross-sectional	n/a	postal survey of previously treated patients	54.8 (17.8)	51.7	EQ-5D index	236	0.57	n/a	n/a
Currie et al. 2006b UK	Cross-sectional	n/a	postal survey of previously treated patients	53.5 (18.2)	50.5	EQ-5D index	419	Effect of worst hypoglycemic event None: 0.644 (0.34) Mild: 0.758 (0.261) Moderate: 0.68 (0.341) Severe: 0.522 (0.422)	n/a	n/a
Hart et al. 2005 Netherlands	Non-randomized, prospective cohort followed for 6 years	none	outpatient clinic	38.2 (11.5)	57.3	EQ-5D index	234	1995: 0.90 (0.15)	230 220 217 213	1996: 0.88 (0.16) 1997: 0.87 (0.17) 1998: 0.87 (0.18) 2001: 0.85 (0.19)
Hart et al. 2003 Netherlands	Cross-sectional	n/a	outpatient clinic	38.2 (12.4)	54.4	EQ-5D index	274	0.88 (0.17)	n/a	n/a
Lee et al. 2005 UK	Cross-sectional	n/a	postal survey of previously treated patients	51.9	n.r	EQ-5D index	n/a	Type 1 DM with normal BMI: 0.706 (0.298)	n/a	n/a
Chancellor et al. 2008 UK	Cross-sectional patient preference study	n/a	community	49.2	64	EQ-5D index	132	0.75	n/a	n/a
						TTO	132	0.83 (0.02)	n/a	n/a
Supina et al. 2006 Canada	Cross-sectional	n/a	postal survey of previously treated patients	37.13 (14.3)	41.2	HUI 3	213	0.78 (0.23)	n/a	n/a
Kiberd & Larson 2000 USA & Canada	Cross-sectional; economic evaluation	n/a	community	n/a	62.5	SG	16	Insulin alone: 0.75 (0.05) With pancreas transplant: 0.95 (0.02) With pancreas-kidney transplant: 0.95 (0.02) With kidney transplant: 0.72 (0.05) With dialysis: 0.57 (0.05) With blindness and kidney transplant: 0.49 (0.07) With blindness: 0.48 (0.06) With dialysis and blindness: 0.40 (0.06)	n/a	n/a
Brown et al. 2000 USA	Cross-sectional	n/a	hospital & physican practice (n=292)	61.7	44	TTO	Type 1: 72	0.88 (0.117)	n/a	n/a
Landy et al. 2002 USA	Cross-sectional	n/a	clinic, community	Type 1 DM: 61.8 (12.5) Public: 44.6 (12.5) Clinicians: 29.1 (7.3)	n.r	TTO	Type 1 DM: 85 General public: 157 Clinicians: 61	0.873 0.900 0.829	n/a	n/a

SD-standard deviation; n/a-not available; DM-diabetes mellitus