

Supplement 1. Number of adolescents in different diagnostic groups before and after transfer of care.

	Before transfer of care			After transfer of care		
	Total	FIN	AUS	Total	FIN	AUS
Diagnostic group, N (%)	512	253	259	336	199	137
Diabetes	151 (29.5)	92 (36.4)	59 (22.8)	102 (30.4)	75 (37.7)	27 (19.7)
Neurology	80 (15.6)	18 (7.1)	62 (23.9)	50 (14.9)	13 (6.5)	37 (27.0)
GI disease	72 (14.1)	45 (17.8)	27 (10.4)	55 (16.4)	36 (18.1)	19 (13.9)
Rheumatology	70 (13.7)	66 (26.1)	4 (1.5)	51 (15.2)	49 (24.6)	2 (1.5)
Other	56 (10.9)	0 (0)	56 (21.6)	27 (8.0)	0 (0)	27 (19.7)
Cardiovascular	43 (8.4)	19 (7.5)	24 (9.3)	28 (8.3)	16 (8.0)	12 (8.8)
Nephrology	40 (7.8)	13 (5.1)	27 (10.4)	23 (6.8)	10 (5.0)	13 (9.5)

Finland, AUS = Australia, GI disease = Gastrointestinal disease

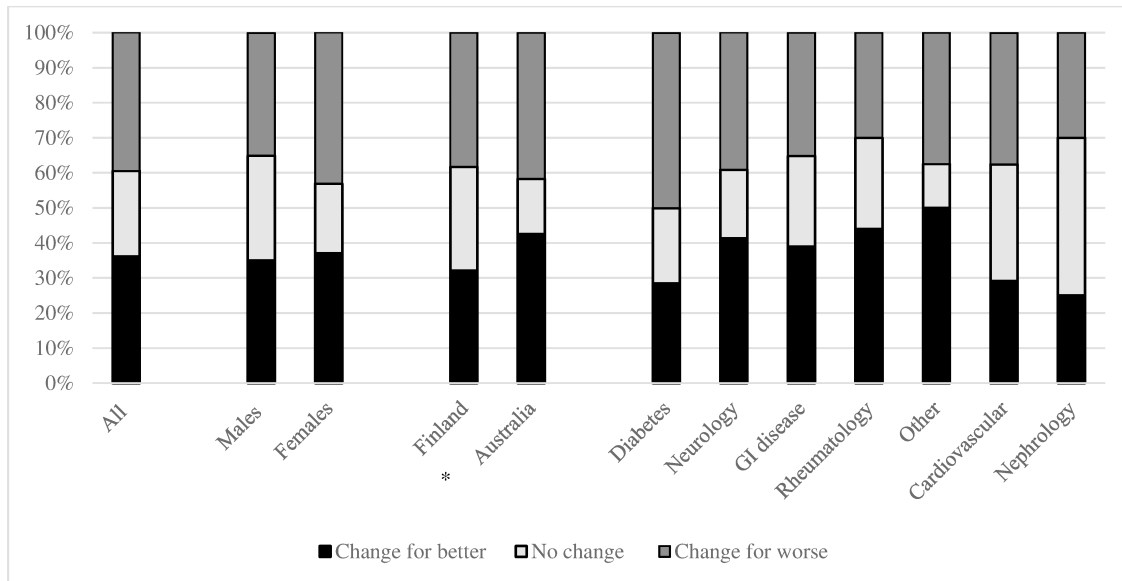
Supplement 2. Changes in health-related quality of life before and after transfer of care according to the minimal clinically important difference (MCID) specified by one Standard Error of Measurement (SEM) in PedsQL and the minimum important change (MIC) estimated as ± 0.015 in 16D.

	Cronbach alpha	SD	SEM *	No Change N (%)	Decreased N (%)	Increased N (%)
PedsQL						
Total	0.932	16.2	4.23	91 (28.0)	107 (32.9)	127 (39.1)
Physical	0.895	20.7	6.71	209 (64.3)	64 (19.7)	52 (16.0)
Psychosocial	0.908	16.5	5.00	134 (41.2)	80 (24.6)	111 (34.2)
Emotional	0.841	20.6	8.22	126 (38.8)	98 (30.2)	101 (31.1)
Social	0.848	18.1	7.06	189 (58.2)	50 (15.4)	86 (26.5)
School/Education	0.814	19.4	8.36	114 (35.1)	91 (28.0)	120 (36.9)
16D			MIC			
Single Index Score	0.836	0.10	0.015	77 (24.4)	125 (39.6)	114 (36.1)

SD = Standard deviation

* SEM = The Standard Error of Measurement calculated by the standard deviation of the instrument multiplied by the square root of one minus its reliability coefficient. Changes in scores exceeding one SEM were evaluated as clinically important (Ref. 10,20,22).

Supplement 3. The distribution of percentages of adolescents in different 16D minimum important change groups by gender, country, and diagnostic groups. The minimum important change (MIC) over time is ± 0.015 .



* Statistically meaningful difference between countries (p=0.016)

GI disease = Gastrointestinal disease