Supplementary Table 1: Cronbach's alpha

Individual domain scores	< 12 years old	> =12 years old
CHIP		
Satisfaction	0.84	0.70
Comfort	0.83	0.82
KIDSCREEN-52		
Physical	0.79	0.75
Psychological	0.86	0.86
Kiddy KINDL		
Physical	0.67	N/A
Psychological	0.60	N/A
Kid/ Kiddo KINDL		
Physical	0.76	0.71
Psychological	0.67	0.69
PedsQL		
Physical	0.83	0.79
Emotional	0.75	0.81

Supplementary Table 2: Age group comparisons (<12 and >=12) of convergent/ discriminant validity† of the CHIP, the KIDSCREEN-52, the Kiddy KINDL, and the Kid/ Kiddo KINDL versus the anchor instrument (the PedsQL)

	PedsQL‡			
	< 12 years old		>= 12 years old	
	Physical	Emotional	Physical	Emotional
CHIP				
Satisfaction	0.50	*0.52*	0.59	*0.46*
Comfort	***0.54***	0.63	***0.60***	0.53
KIDSCREEN-52				
Physical	***0.54***	0.36	***0.42***	0.35
Psychological	0.40	0.58	0.48	0.53
Kiddy KINDL				
Physical	*0.35*	0.36		
Psychological	0.37	**0.37**		
Kid/ Kiddo KINDL				
Physical	***0.52***	0.48	*0.60*	0.51
Psychological	0.45	*0.59*	**0.55**	***0.57***

† Spearman's Rank coefficients; all values were significant at p< 0.05
‡ Values in **bold** indicate the highest correlation coefficients between a specific domain of the PedsQl and individual domains of other three instruments; values in *italic* indicate hypothesized as a priori convergent validity: the moderate to high correlation coefficients between a specific domain of the PedsQL and homogeneous domains of other three instruments (e.g., physical domain of the PedsQL and physical domains all other instruments); values in regular font indicate hypothesized as a priori discriminant validity: the small correlations coefficients between a specific domain of the PedsQL and heterogeneous domains of other three instruments (e.g., physical domain of the PedsQL and financial domain of the KIDSCREEN-52).
§No domain was hypothesized a priori to be highly correlated between the CHIP and the PedsQL.

Supplementary Table 3: Age group comparisons (<12 and >=12) for known-groups validity

Individual domain scores	Difference (Effect Size) †	
	< 12 years old	> =12 years old
CHIP		
Satisfaction	7.96 (0.62)**	7.08 (0.65)**
Comfort	7.85 (0.57)**	9.01 (0.70)**
KIDSCREEN-52		
Physical	13.04 (0.68)***	15.21 (0.78)**
Psychological	10.70 (0.71)**	12.72 (0.73)**
Kiddy KINDL		
Physical	3.54 (0.20)	N/A
Psychological	1.05 (0.09)	N/A
Kid/ Kiddo KINDL		
Physical	9.75 (0.51)**	8.69 (0.46)*
Psychological	5.65 (0.36)*	6.75 (0.39)*
PedsQL		
Physical	10.70 (0.67)**	10.80 (0.54)**
Emotional	12.09 (0.72)**	13.32 (0.67)**
Total scores		
CHIP	7.14 (0.65)**	8.38 (0.80)**
KIDSCREEN-52	8.20 (0.65)	8.76(0.70)
Kiddy KINDL	4.42 (0.31)	N/A
Kid/ Kiddo KINDL	8.77 (0.60)	6.45 (0.49)
PedsQL	12.04 (0.79)	12.27 (0.75)

† Effect size without covariate adjustment