

Supplementary Table S1: Accelerometer results based on 24-h data. Data are presented as means and SD

Variables	T1DM (n =20)	HC (n =20)	JIA (n =20)	HC (n =20)	CHD (n =20)	HC (n =20)	CF (n =20)	HC (n =20)
No. of monitoring days	7.4 (0.9)	6.8 (0.9)	6.8 (1.0)	7.1 (0.7)	7.4 (0.8)	7.0 (0.9)	6.6 (1.4)	6.9 (0.6)
No. of monitoring nights	6.9 (0.4)	6.6 (0.7)	6.7 (0.7)	7.0 (0.6)	7.1 (0.9)	6.0 (0.9)	6.5 (1.5)	7.1 (0.5)
Monitoring time during waking hours/day	13.2 (0.7)	13.6 (0.6)	13.0 (0.7)	13.9 (0.7)	13.2 (1.0)	13.5 (0.6)	13.5 (0.7)	13.4 (0.4)
Non-wear time during waking time minutes/day	20.4 (13.9)	18.1 (10.2)	15.8 (14.8)	12.3 (10.8)	17.7 (20.4)	7.4 (5.9)	9.8 (8.7)	9.9 (8.1)
Non-wear time during sleep time minutes/day	0	0	0	0	0	0	0	0
% of total non-wear time per 24 hours period	1.3 (1.0)	0.3 (0.6)	1.1 (1.0)	0.9 (0.7)	1.2 (1.4)	0.5 (0.4)	0.7 (0.6)	0.6 (0.6)

BMI – body mass index; CHD – congenital heart disease; CF – cystic fibrosis; JIA – juvenile idiopathic arthritis; T1DM – type1 diabetes mellitus.

Data are presented as means and standard deviation SD unless otherwise specified.