Online Appendix 1
Supplementary On-Line Table 1. Baseline and 26 Week Values for Quality of Life Measures for the CGM Group Stratified by CGM Use in Month 6 of the Trial

		CGM Use ≥ 6	days/week	in Month 6		CGM Use < 6	days/week	in Month 6
		Enrollment	26 weeks	Difference*		Enrollment	26 Weeks	Difference*
	N†	Mean \pm SD	Mean \pm SD	Mean \pm SD	N†	$Mean \pm SD$	$Mean \pm SD$	$Mean \pm SD$
Participants ≥18								
years								
HFS-Total score ‡	78	37.8 ± 12.6	33.6 ± 11.7	-4.2 ± 8.7	42	37.1 ± 13.3	32.9 ± 11.3	-4.3 ± 12.8
HFS-Worry subscale §	78	31.3 ± 18.5	26.4 ± 16.5	-5.0 ± 11.3	42	28.7 ± 17.7	23.3 ± 14.6	-5.4 ± 14.4
HFS-Behavior	78	46.2 ± 10.9	43.0 ± 10.7	-3.2 ± 9.6	42	48.1 ± 11.3	45.3 ± 12.3	-2.8 ± 12.4
subscale								
PAID ¶	78	22.5 ± 13.7	17.1 ± 12.9	-5.4 ± 9.9	42	23.7 ± 18.0	20.0 ± 16.2	-3.7 ± 13.0
SF-12-PCS#	78	53.8 ± 5.2	55.8 ± 4.5	$+2.0 \pm 6.0$	42	54.7 ± 7.2	55.1 ± 5.7	$+0.4 \pm 5.8$
SF-12-MCS **	78	49.5 ± 7.7	48.3 ± 10.6	-1.3 ± 10.3	42	49.2 ± 9.6	48.8 ± 9.4	-0.4 ± 8.2
Participants < 18								
years								
HFS-Worry	43	24.9 ± 15.2	18.8 ± 11.8	-6.1 ± 12.0	60	26.3 ± 17.8	22.3 ± 13.9	-4.0 ± 12.6
Subscale §								
PedsQL Generic††	43	80.8 ± 11.5	83.9 ± 11.0	$+3.2 \pm 11.5$	59	76.9 ± 13.1	78.1 ± 12.8	$+0.9 \pm 9.0$
PedsQL Diabetes-	43	84.3 ± 11.6	85.1 ± 10.4	$+0.9 \pm 8.3$	59	80.6 ± 12.5	79.1 ± 14.0	-1.8 ± 10.8
Specific:::								
Parents §§								
HFS-Worry	45	42.1 ± 13.9	37.0 ± 13.9	-5.2 ± 13.3	62	40.8 ± 17.5	37.0 ± 15.2	-3.5 ± 13.2
subscale §								
Parent-PAID¶	45	48.6 ± 12.3	47.0 ± 13.2	-1.6 ± 13.2	62	45.1 ± 14.8	47.3 ± 12.4	$+2.6 \pm 13.2$
PedsQL Generic††	45	74.9 ± 11.1	77.3 ± 13.4	$+2.4 \pm 11.1$	62	77.9 ± 12.2	76.4 ± 12.1	-1.6 ± 10.9
PedsQL Diabetes- specific;;	45	75.3 ± 11.0	77.9 ± 11.2	+2.6 ± 11.6	62	76.3 ± 12.9	75.4 ± 11.9	-1.4 ± 12.3

[†] None of the p values from the ANCOVA comparing the difference after 26 weeks for the regular users (\geq 6 days/week) vs. the less frequent users (\leq 6 days/week) were \leq 0.05.

- * These analyses were limited to subjects or parents who completed both baseline and 26-week questionnaires.
- ‡ Hypoglycemia Fear Survey (HFS) average score of all items giving equal weight to each item. Scale 0-100 with higher score denoting more fear or more likely to avoid low blood glucose.
- § HFS Worry subscale. Scale 0-100 with higher score denoting more fear.
- || HFS Behavior subscale. Scale 0-100 with higher score denoting more likely to avoid low blood glucose.
- ¶ Problem Areas in Diabetes Scale (PAID). Scale 0-100 with higher score denoting more problems.
- # Social Functioning SF-12 version 2 Health Survey (SF-12) Physical Component Summary (PCS). Norm based score with higher score denoting better functioning.
- ** SF-12 Mental Component Summary (MCS). Norm based score with higher score denoting better functioning.
- †† Pediatric Quality of Life (PedsQL) Survey Generic Core Scales (Emotional, Social, and School functioning subscales). Scale 0-100 with higher score denoting higher quality of life.
- ‡‡ PedsQL Survey Type 1 Diabetes Module (Treatment Barriers, Treatment Adherence, and Worry subscales). Scale 0-100 with higher score denoting higher quality of life.
- §§ Parents refer to parents of participants <18 years of age.

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