

SUPPLEMENTARY DATA

Supplementary Table 1. Scores on self report inventories.

Inventory	Score range	Pre-intervention	Post-intervention	<i>t</i> (df), <i>p</i> value	Cohen's <i>d</i> effect size
Diabetes Quality Of Life for Youth	1=Very unsatisfied 5=Very satisfied	3.8 ± 0.6	4.2 ± 0.6	<i>t</i> (7) = 1.96, <i>p</i> = .09	0.67
Problem Areas In Diabetes	1=Not a problem 6=Serious problem	2.4 ± 1.2	1.7 ± 0.7	<i>t</i> (6) = 2.52, <i>p</i> = .04	0.71
Diabetes Empowerment Scale	1=Not at all sure 5=Completely sure	3.4 ± 0.6	4.0 ± 0.7	<i>t</i> (7) = 1.96, <i>p</i> = .09	0.92

Values represent means and standard deviations. One subject was removed from analyses of Problem Areas In Diabetes scores due to extremely high ratings.

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Supplementary Table 2. Subject and parent responses to items on the study satisfaction survey.

Item and responses	Subjects	Parents
Overall, how satisfied are you with the intervention?		
Very dissatisfied	0 (0.0)	0 (0.0)
Moderately dissatisfied	1 (12.5)	0 (0.0)
Neither satisfied nor dissatisfied	0 (0.0)	0 (0.0)
Moderately satisfied	3 (37.5)	1 (14.3)
Very satisfied	4 (50.0)	6 (85.7)
How well do you feel the intervention helped you (your child) increase the regularity of sugar checks?		
Not at all	0 (0.0)	0 (0.0)
Very little	0 (0.0)	1 (14.3)
Somewhat	1 (12.5)	0 (0.0)
Quite a bit	4 (50.0)	1 (14.3)
Extremely	3 (37.5)	5 (71.4)
How much did the intervention help you (your child) improve overall management of diabetes?		
Not at all	0 (0.0)	0 (0.0)
Very little	0 (0.0)	0 (0.0)
Somewhat	1 (12.5)	1 (14.3)
Quite a bit	5 (62.5)	3 (42.9)
Extremely	2 (25.0)	3 (42.9)
*What was the most useful part of the intervention?		
Helped me/my child manage diabetes better/reduce A1c	4 (50.0)	4 (42.9)
Helped me/my child test more (rewards not explicitly mentioned)	2 (25.0)	2 (28.7)
Rewards for testing	1 (12.5)	1 (14.3)

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Reminders to test	1 (12.5)	0 (0.0)
*What was the least useful part of the intervention?		
Expectations related to texting after testing	3 (37.5)	1 (14.3)
The intervention only helped improve testing (not insulin/exercising)	1 (12.5)	1 (14.3)
Nothing, all was useful	4 (50.0)	5 (71.5)
*Do you have any suggestions for improving the intervention?		
Remove texting expectations	1 (12.5)	0 (0.0)
Increase reinforcement amount for testing	1 (12.5)	0 (0.0)
Reinforce taking insulin	1 (12.5)	0 (0.0)
Improve technological problems with uploading	0 (0.0)	1 (12.5)
Add more in-person visits	0 (0.0)	1 (12.5)
Nothing, it was good/perfect as was	5 (62.5)	5 (71.5)

* These questions were open ended, and responses were categorized based on themes. Values represent n's (%).