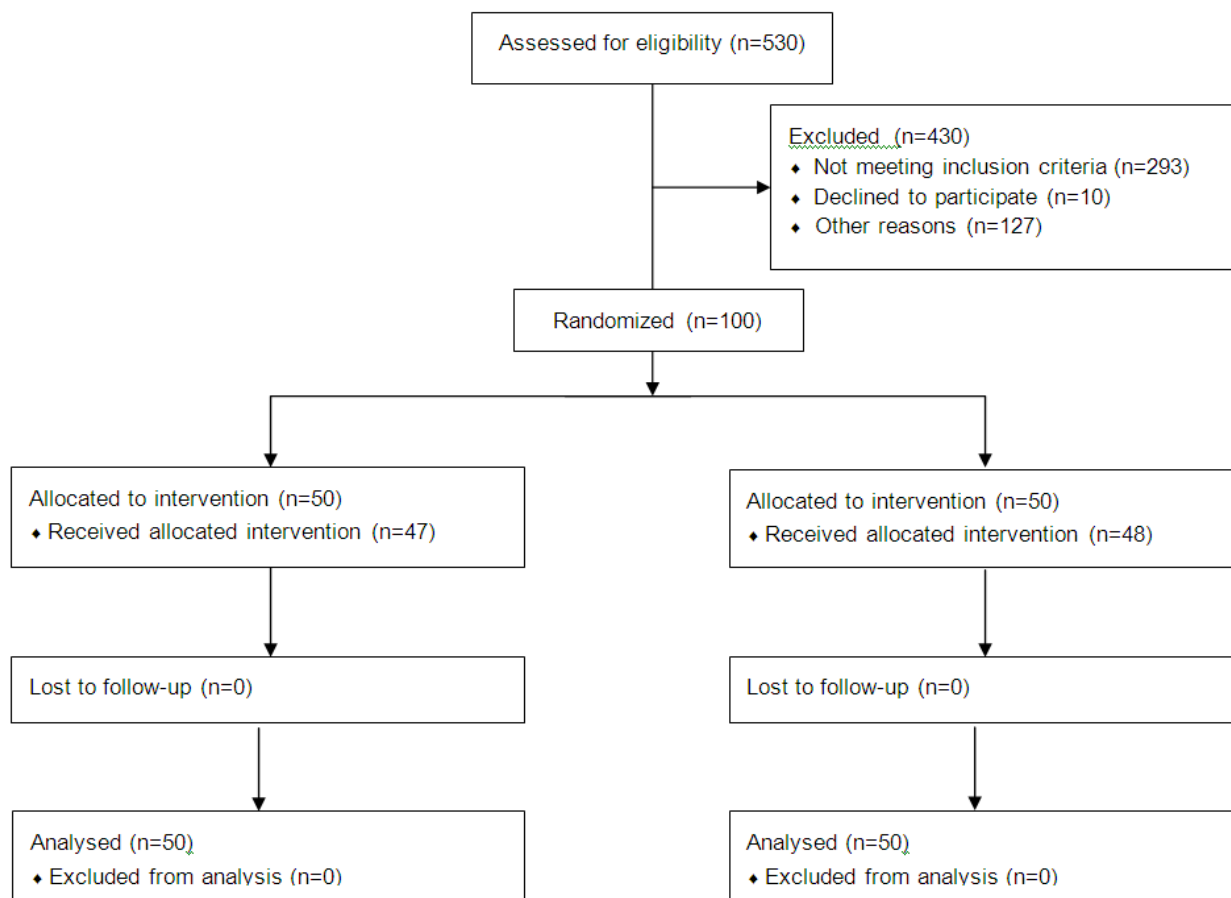


SUPPLEMENTARY DATA

Supplementary Table 1. Recruitment and follow-up of patients



n

SUPPLEMENTARY DATA

Supplementary Table 2. Diabetes Medications Throughout the Study by Treatment Group

Time Period	Number of Subjects Taking Range of Possible Oral Medications (OM)				Median Number OM Per Subject	Taking Insulin		Number of Non-insulin Injectable Medications		Median Number of Medications Per Subject	Mean Number of Medications Per Subject			
	0 OM	1 OM	2 OM	>=3 OM		No	Yes	0	>=1					
RT-CGM Group (n=50)														
Baseline	6	18	18	8	2		31	19		46	4		2	1.8
At 12 Weeks	4	17	19	10	2		29	21		43	7		2	2.0
At Last Visit	5	12	17	16	2		25	25*		44	6		3	2.3
SMBG Group (n=50)														
Baseline	7	19	18	6	1		36	14		42	8		2	1.9
At 12 Weeks	6	22	15	7	1		31	19		40	10		2	2.1
At Last Visit	2	17	24	7	2		22	28		39	11		2	2.5

* P = 0.05

Supplementary Table 3. Summary Statistics of Blood Glucose Readings from SMBG, by Treatment Group and Over Time

Summary Statistics	RT-CGM Group					SMBG Group					P Value
	Weeks					Weeks					
	0-12	13-26	27-38	39-52	0-52	0-12	13-26	27-38	39-52	0-52	
Number of subjects providing readings	44/50	23/50	16/50	13/50	44/50	47/50	34/50	26/50	25/50	48/50	
Average number of readings/day/subject	2.9	1.8	1.5	0.9	1.0	2.4	2.5	1.9	1.0	1.0	0.73
Mean glucose mg/dL	150.4	145.3	155.1	154.8	148.5	161.9	161.7	165.4	168.3	160.0	0.08
% < 70 mg/dL	3.6	3.0	3.1	2.2	3.6	2.7	2.4	1.3	1.4	2.5	0.06
% > 180 mg/dL	24.3	21.3	25.7	24.5	23.1	28.7	33.9	33.7	34.3	28.6	0.19
% > 240 mg/dL	7.4	7.2	12.4	10.9	6.9	12.1	11.1	11.6	14.6	10.8	0.12
% within target range	72.1	75.7	71.2	73.3	73.3	68.6	63.7	65.0	64.3	68.9	0.30

Each time period, except for 0-52 weeks, represents cross-sections of the data; the same subjects did not consistently provide SMBG data over time. We tested for group differences in the 0-52 week time period using t-tests and chi-square tests.