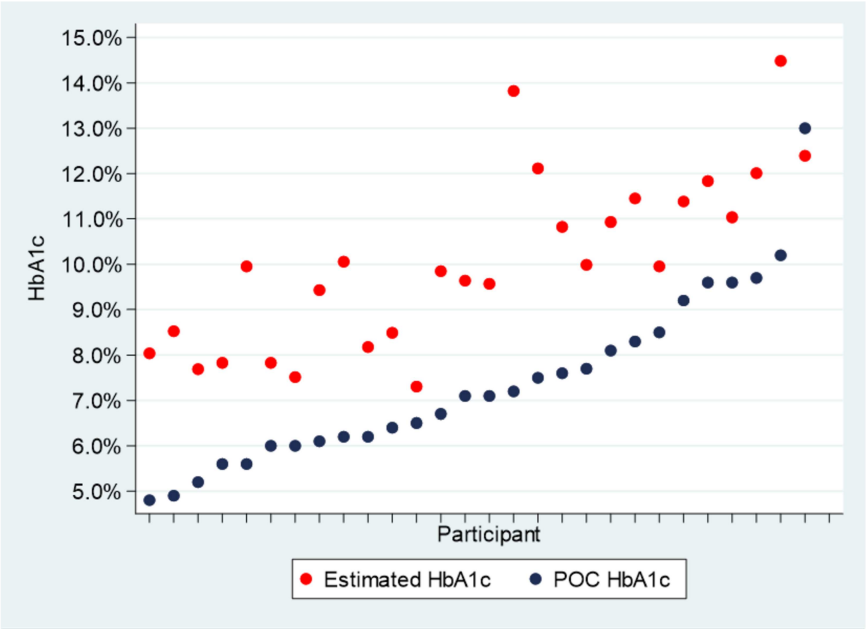
Supplementary Table 1: Quality of Life

	Crude			Adjusted Model		
	Pretest Mean (SD)	**Post test Mean (SD)**	**Difference**	**Coefficient**	**95% CI**	**P-value**
Domain 1: Physical health						
CGM	53.5 (13.1)	55.1 (14.6)	1.6	-4.32	-14.9, 6.2	0.41
UC	50.2 (18.4)	57.0 (9.1)	6.8			
Domain 2: Psychological						
CGM	53.2 (13.1)	57.6 (17.7)	4.4	0.36	-11.3, 12.6	0.95
UC	54.5 (15.5)	57.0 (18.0)	2.5			
Domain 3: Social relationships						
CGM	46.0 (17.9)	58.5 (23.3)	12.5	-8.94	-25.5, 7.6	0.28
UC	47.3 (29.9)	67.5 (20.5)	20.2			
Domain 4: Environment						
CGM	47.4 (16.3)	55.5 (17.1)	8.2	-0.84	-11.9, 10.2	0.88
UC	52.6 (18.7)	58.9 (21.2)	6.3			
Overall						
CGM	50.0 (12.5)	56.7 (15.6)	6.7	-3.75	-13.7, 6.2	0.45
UC	51.2 (16.7)	60.1 (14.7)	9.0			

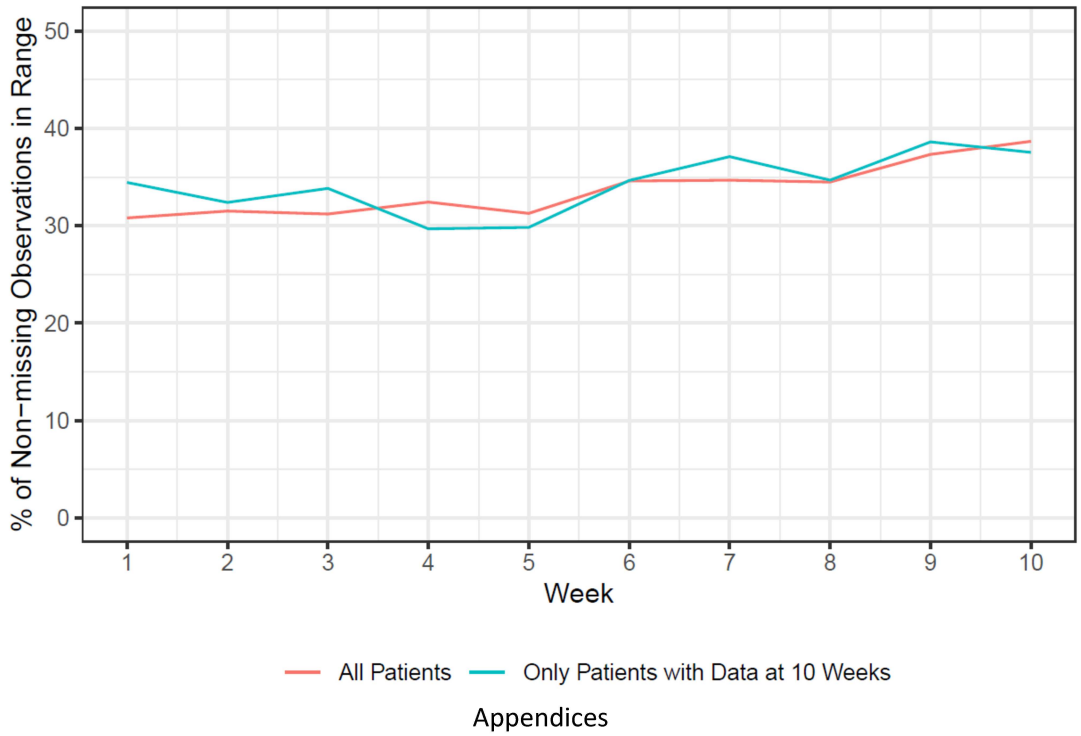
Note: There were 28 participants in the CGM arm and 10 in the usual care arm (1 and 3 of the original participants with no follow-up data in the respective arms). Coefficient, 95% CI, and p-value reported from longitudinal analysis of covariance, adjusted for baseline quality of life score, facility site, age, gender, and diagnosis year.

CGM: Continuous Glucose monitoring, CI: Confidence interval, SD: standard deviation

Supplementary Figure 1: For each participant, POC HbA1c compared to HbA1c estimated by 90-day average glucose from CGM wear



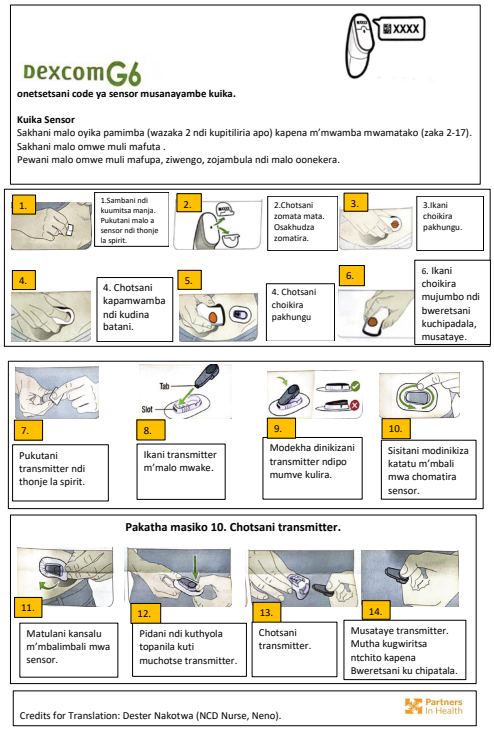
Supplementary Figure 2: Average time in range over course of ten weeks for participants with data at ten weeks



Appendices

Appendix A

Dexcom patient handout (English and Chichewa versions used during the study)



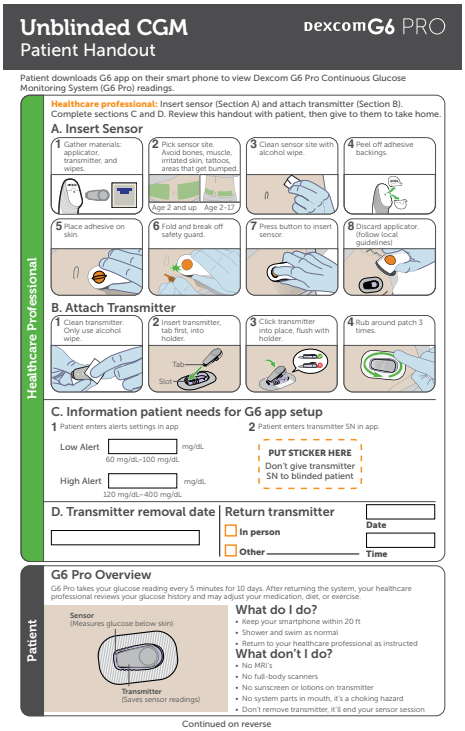


Table A : Training of participants performed in both arms and guidelines for clinicians

Participant Training at Baseline (For both groups): One session of general diabetes education and management

- Glucose targets
- Insulin dosing techniques and principles
  - Take before, not after each meal
  - Do not skip doses
- Basics of insulin therapy and meal planning
- Understanding signs and strategies for managing hypoglycemia and hyperglycemia
- Understanding sick day management.
- Understanding food insecurity and insulin therapy.

Clinician Guidelines:

- Providers were encouraged to review retrospective glucose data using SMBG logbook and CGM Clarity reports with participants and use the data to adjust insulin for individualized management.
- Make lifestyle and medication/insulin recommendations ***per usual practice***
- For CGM Group—CGM diabetes management guidelines