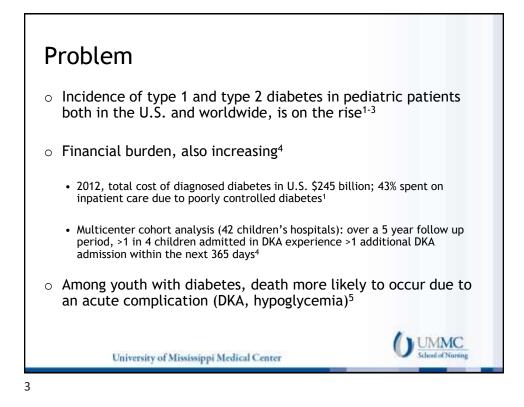
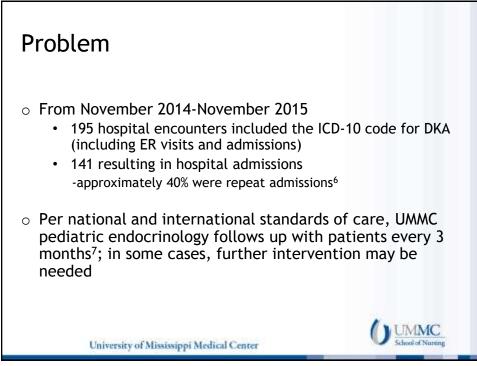


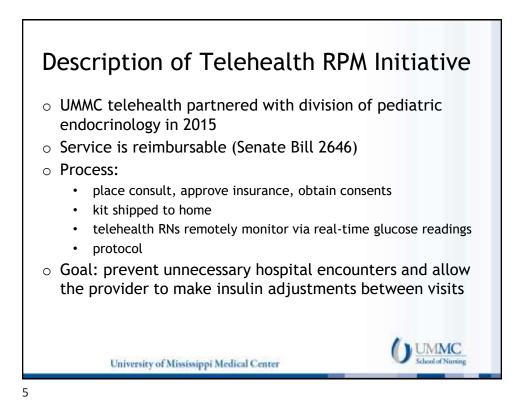
## Definition of Terms Hemoglobin A1c, often abbreviated as HbA1c Telehealth, also known as Telemonitoring Remote patient monitoring, often abbreviated as RPM Diabetic ketoacidosis, often abbreviated as DKA REDCap, secure web application for data collection

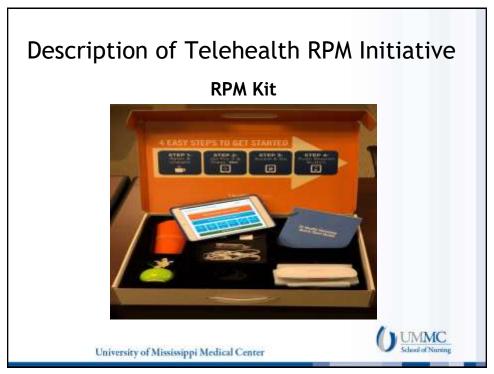
University of Mississippi Medical Center

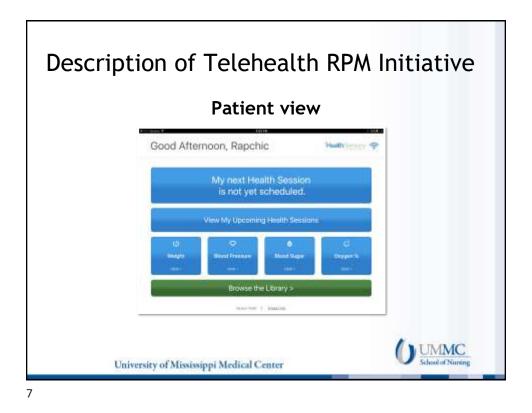
UMMC









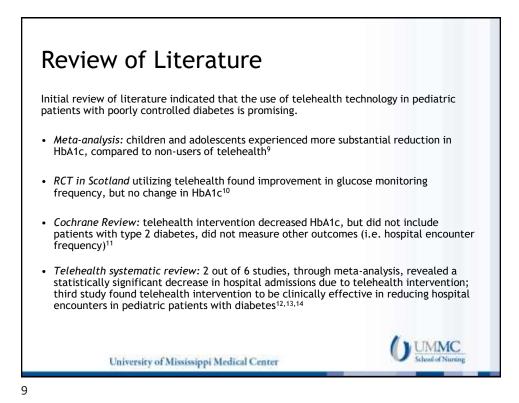


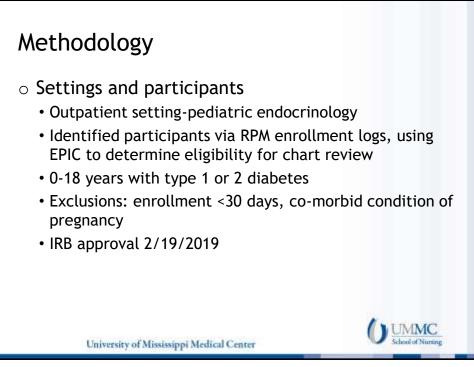


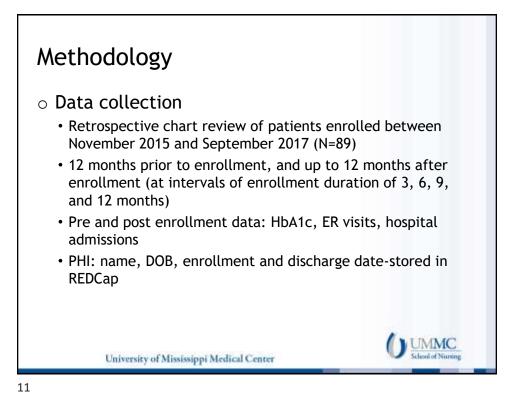
The purpose of this scholarly project was to determine the effect of the telehealth RPM system initiative on HbA1c and diabetes-related ER visits and hospital admissions in the pediatric diabetes population at UMMC.

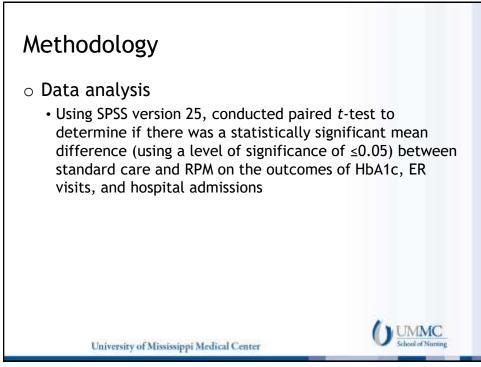
University of Mississippi Medical Center

UMMC

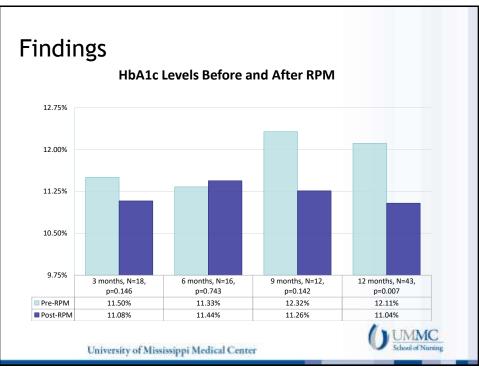


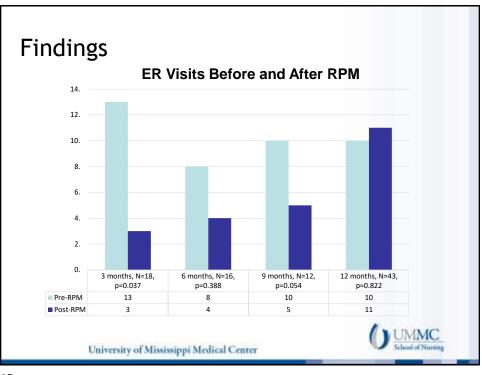


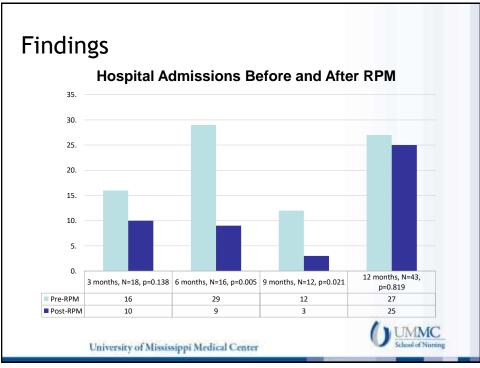




indings	
Patient Demographics	Number (n=89)
Male participants	38
Female participants	51
Mean age (years)	15.7 (5.4-18 years)
Participants with type 1 diabetes	75
Participants with type 2 diabetes	14
Mean duration of diabetes (years)	6.32
Mean duration of RPM enrollment (days)	309.8
University of Mississippi Medical Center	







Outcome	Pre-RPM	Post-RPM	P-Value
lbA1c			
3 months	11.50%	11.08%	0.146
6 months	11.33%	11.44%	0.743
9 months	12.32%	11.26%	0.142
12 months	12.11%	11.04%	0.007*
R Visits			
3 months	13	3	0.037*
6 months	8	4	0.388
9 months	10	5	0.054
12 months	10	11	0.822
lospital Admissions			
3 months	16	10	0.138
6 months	29	9	0.005*
9 months	12	3	0.021*
12 months	27	25	0.819

