

Background

Access to diabetes technologies is essential to improving results and meeting diabetes care goals. However, there is a significant technology use gap between non-Hispanic white patients and minority patients. We examined the technology rates for different races and sought to determine what barriers patients face to getting diabetes technologies.

Our clinic sought to increase technology use among minority patients. From these efforts, we learned about the number of minority patients who did not come in for follow-up visits.

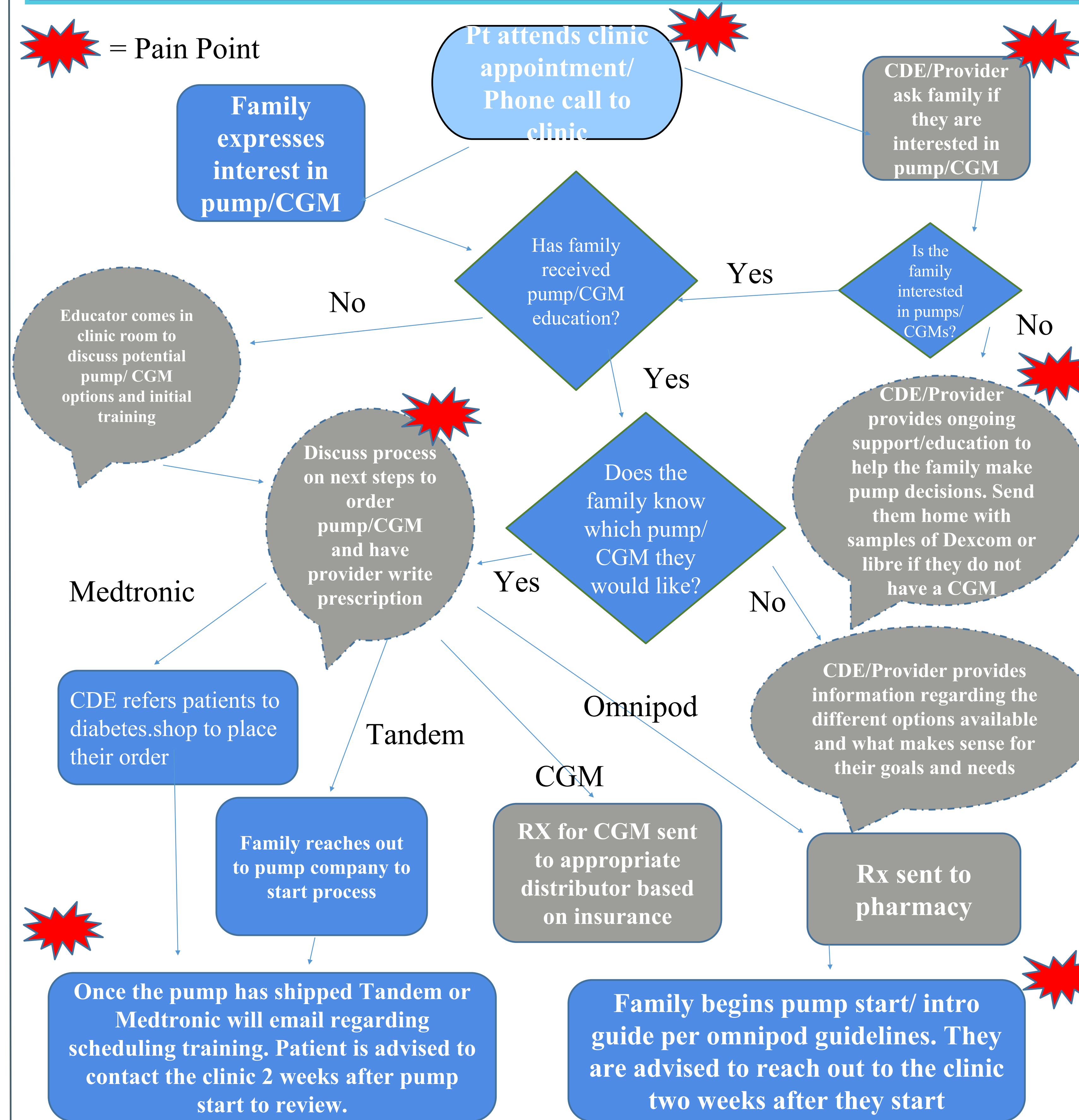
Group Comparisons	White Patient Percentage	Minority Patient Percentage	P- Value
Hispanic vs. White Pump Use	68%	53%	p < 0.00001
Non-Hispanic Black vs White Pump Use	68%	53%	p = 0.008
Hispanic vs. White CGM Use	81%	68%	p < 0.00001
Non-Hispanic Black vs White CGM Use	81%	69%	p = 0.014

Aim Statement

Increase the amount of Black + Hispanic Patients using CGM's by 5% by 12/31/2024 (T1D exchange goal is 70%)

Increase the amount of Black + Hispanic Patients using Pumps by 5% by 12/31/2024 (T1D exchange goal is 65%)

Process Map

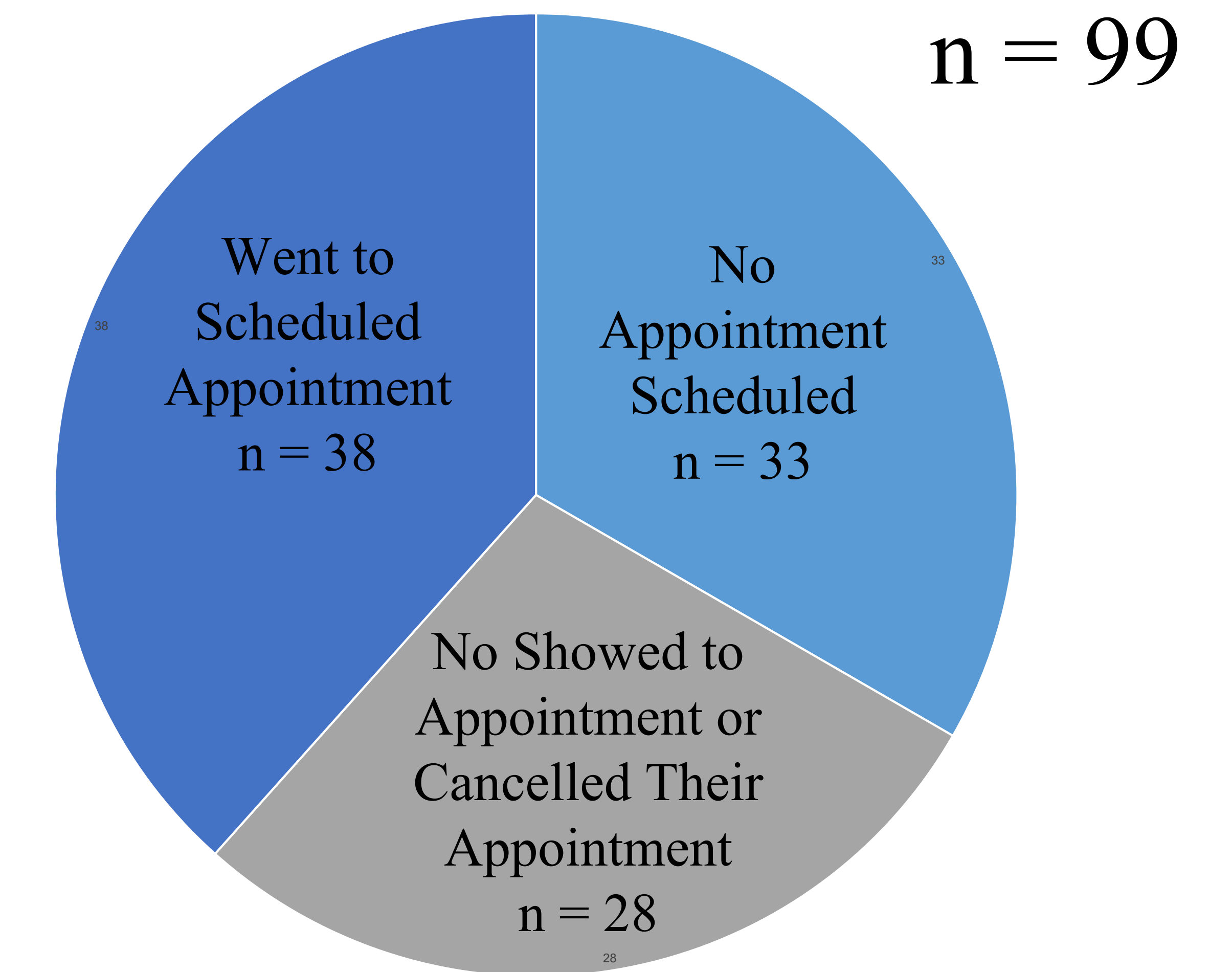


Site Specific Project Background

We started this project with the intention of increasing diabetes technology use across the minority patients in our clinic. Once we began to examine this issue we learned about the no-show rate, cancellation rate, and no scheduled follow up rate of this population. Our team realized that getting patients into the clinic is vital to increase diabetes device rates. It is crucial that we discovered this about our clinic so we know we can target this major barrier.

Results

Amount of Minority Patients Not Meeting Goals



61.6% of minority patients who are not meeting ADA A1c goals either no showed to their follow-up appointment, cancelled their follow-up appointment, or did not have a follow-up visit scheduled.

Next Steps

- Increase the number of minority patients using diabetes devices by working to improve patient follow-up visit scheduling and attendance.
- Determine what barriers patients face to coming to their clinic visits
- Target specific barriers to increase patient follow-up.
- Once we target follow up attendance, we will be able to increase device use in this population
- While there are other barriers to getting diabetes devices, attending visits is an essential first step to increasing diabetes device use in this population