

Incorporation of Continuous Glucose Monitors (CGMs) into an Interdisciplinary Primary Care Diabetes Clinic

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BACKGROUND

Continuous Glucose Monitors (CGMs):

- CGMs are endorsed by the American Diabetes Association (ADA) for all types of diabetes. They improve glycemic control and reduce hypoglycemia risk.
- However CGM utilization remains low in the WVU Family Medicine Intensive Diabetes Clinic (IDC).



WVU IDC:

- The IDC provides care for patients newly diagnosed with diabetes mellitus or those facing challenges in managing the condition.

OBJECTIVE

- This QI initiative aims to increase CGM utilization within the WVU family medicine IDC
- Target Goal** is to achieve a 10% increase in CGM use by May 3, 2025.

TIMELINE

- August 2024:** Planning phase initiated.
- December 2024:** Implementation of interventions began
- May 2025:** End of 1st PDSA cycle

IMPROVEMENT ACTION PLAN

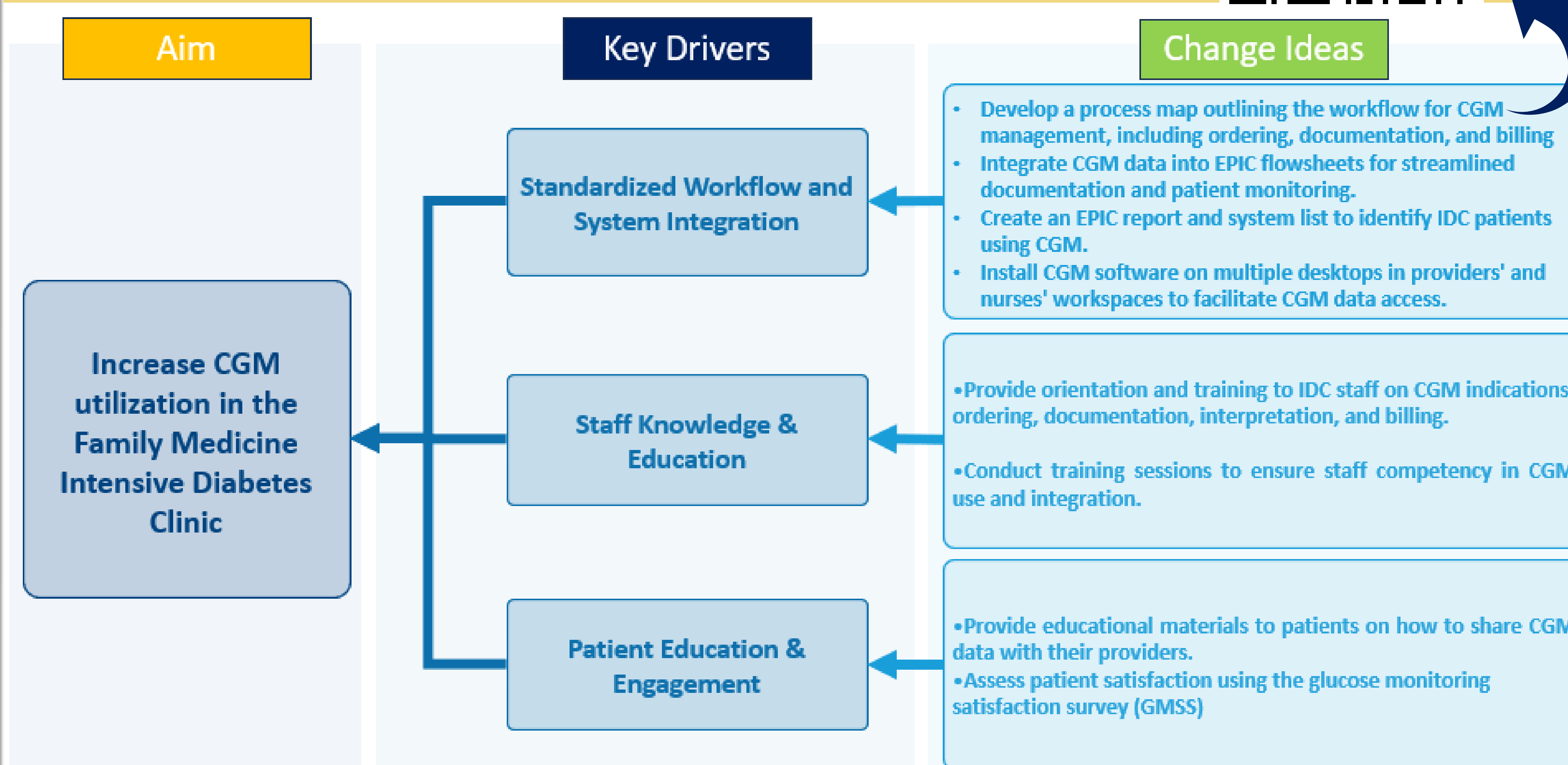
SETTING & POPULATION

- Setting:** Family Medicine Intensive Diabetes Clinic (IDC)
- Population:** IDC patients presenting for new or follow-up visits.



Scan to view the CGM Workflow

INTERVENTIONS



METHODS

- Patients are screened for CGM eligibility. Eligible or existing users are enrolled.
- CGM use is documented in the EHR medication list.
- CGM reports are collected at each visit and uploaded into EPIC flowsheet.
- Patients complete **Glucose Monitoring Satisfaction Survey (GMSS)** at each visit
- Patients receive instructions on **sharing CGM data** with the clinic.
- IDC staff attended a **CGM management education session** on December 3, 2024

OUTCOME MEASURES

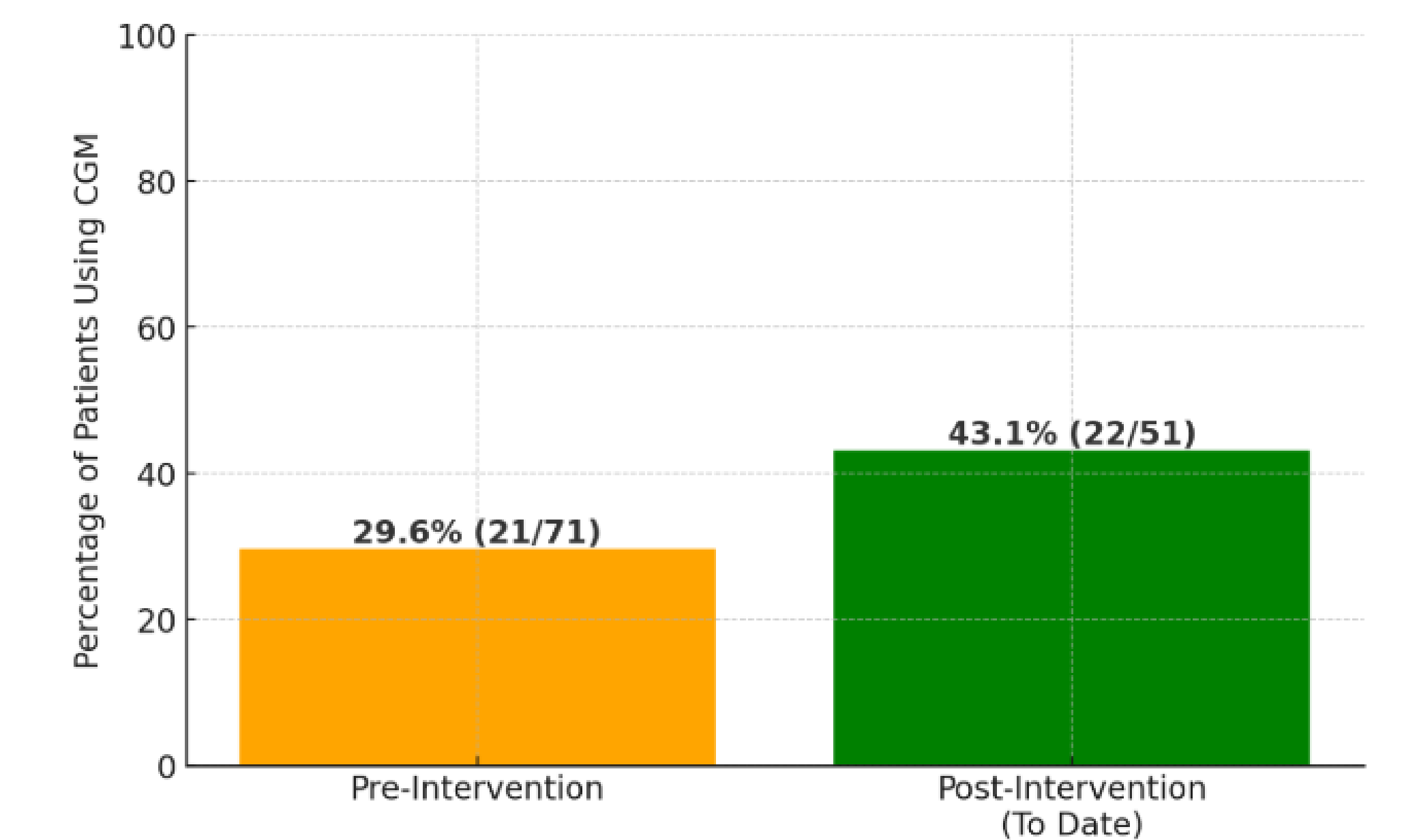
- Primary Outcome:** Percentage of patients using CGM will be compared 6 months before and after the intervention
- Secondary Outcomes:**
 - Number of CGM-related codes used (95251, 95249)
 - Patient Satisfaction: using GMSS scores

DATA COLLECTION

- Data Sources:** EPIC & GMSS surveys
- EPIC Report:** Run pre-intervention and monthly post-intervention to track CGM users

RESULTS

Percentage of Patients Using CGM: Pre- and Post-Intervention (To Date)



Pending Data Collection

- Billing codes used
- Patient Satisfaction

SCALE UP PLAN

- Project is currently in progress.
- If successful, workflow could be implemented across **all Family Medicine clinics at WVU**.

SUSTAINABILITY PLAN

- Achieve **sustainable CGM integration** into diabetes workflows and ensure continuous staff training
- Enhance **EPIC integration** for better data accessibility
- Gather **ongoing patient feedback** on CGM satisfaction
- Collaborate with insurers to **enhance CGM coverage** in alignment with ADA guidelines.

CONCLUSIONS

This project will highlight the significance of standardized workflows in increasing CGM utilization within primary care