

CHI Learning & Development System (CHILD)

Project Title

Blood Glucose Monitoring (BGM) Chart are not Documented Clearly by Patients at A43

Project Lead and Members

Project Lead: Tay Lee Hiang

Project Members: Nurhidah Binte Mahmud, Masdiana Binte Mohamed Yusof, Angie

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Organisation(s) Involved

Ng Teng Fong General Hospital, Jurong Community Hospital

Healthcare Family Group(s) Involved in this Project

Nursing

Applicable Specialty or Discipline

Endocrinology

Project Period

Start date: Jan 2021

Completed date: Apr 2021

Aims

Clinic A43 intends to improve the BGM chart by April 2021 because clear documentation provide better interpretation of patient blood glucose readings.

Background

See poster appended / below

Methods

See poster appended / below



CHI Learning & Development System (CHILD)

Results

See poster appended / below

Lessons Learnt

- The main key point in this project is engaging the patients in the design of this new improvised BGM chart.
- It makes documentation of the blood glucose readings meaningful to the patients, it improves care delivery to guide treatment decisions and is patient-centered
- The clarity and simplicity of the BGM charting has reduced confusion and consultation time with the Endocrine team
- This improvised BGM chart has also became an essential tool during DNE telehealth consult

Conclusion

See poster appended / below

Project Category

Care & Process Redesign, Quality Improvement, Workflow Redesign, Care Continuum, Outpatient Care, Specialist Outpatient Clinics

Keywords

Blood Glucose Readings

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Blood Glucose Monitoring (BGM) chart are not documented clearly by patients at A43

SPONSOR: MS LYE SIEW LIN, ADON, (NURSING), DR KURUMBIAN CHANDRAN (DIRECTOR, SENIOR CONSULTANT, MEDICINE, ENDOCRINOLOGY)

PROCESS OWNER: SNM TAY LEE HIANG (SOC A43)

TEAM MEMBERS: SN NURHIDAH BINTE MAHMUD (SOC A43), SSN MASDIANA BINTE MOHAMED YUSOF (SOC A43), SSN ANGIE LEE PENG HOON (SOC A43), SSN DORCAS LOH YOKE CHAN (SOC A43), PSA ROZIAH BTE NASIR, (OPS, SOC A43), DR CHAN SOO LING (CONSULTANT, MEDICINE)

Define Problem, Set Aim

Problem/Opportunity for Improvement

Patients are unable to document the Blood Glucose Monitoring (BGM) chart clearly, resulting in confusion for the Diabetes Nurse Educator (DNEs) to interpret the blood glucose readings.

Improper documentation of blood glucose readings will take a longer consultation time.

Aim

Clinic A43 intends to improve the BGM chart by April 2021 because clear documentation provide better interpretation of patient blood glucose readings. Our goals include:

70% of patient are able to document the BG readings clearly



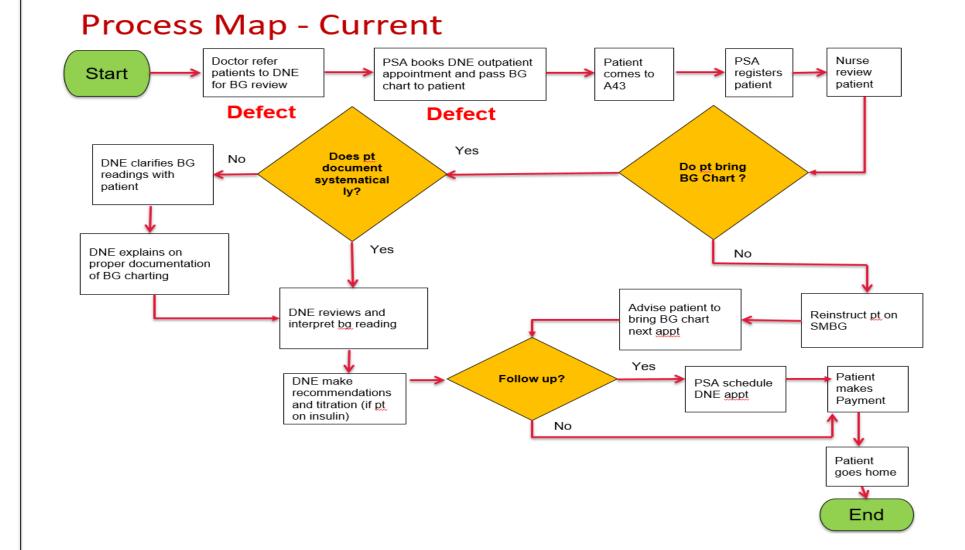
Establish Measures

What was your performance before interventions

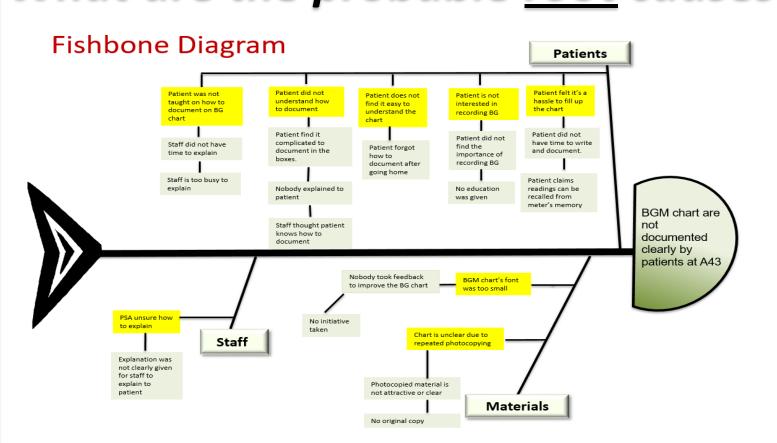


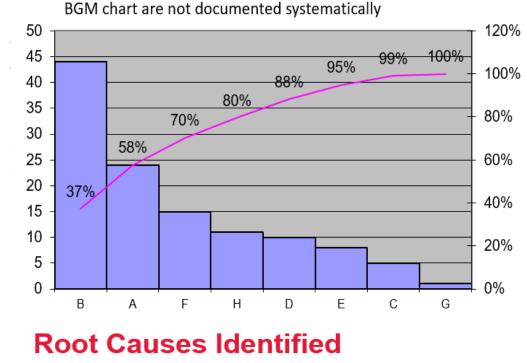
Analyse Problem

What is your process before interventions?



What are the probable root causes?



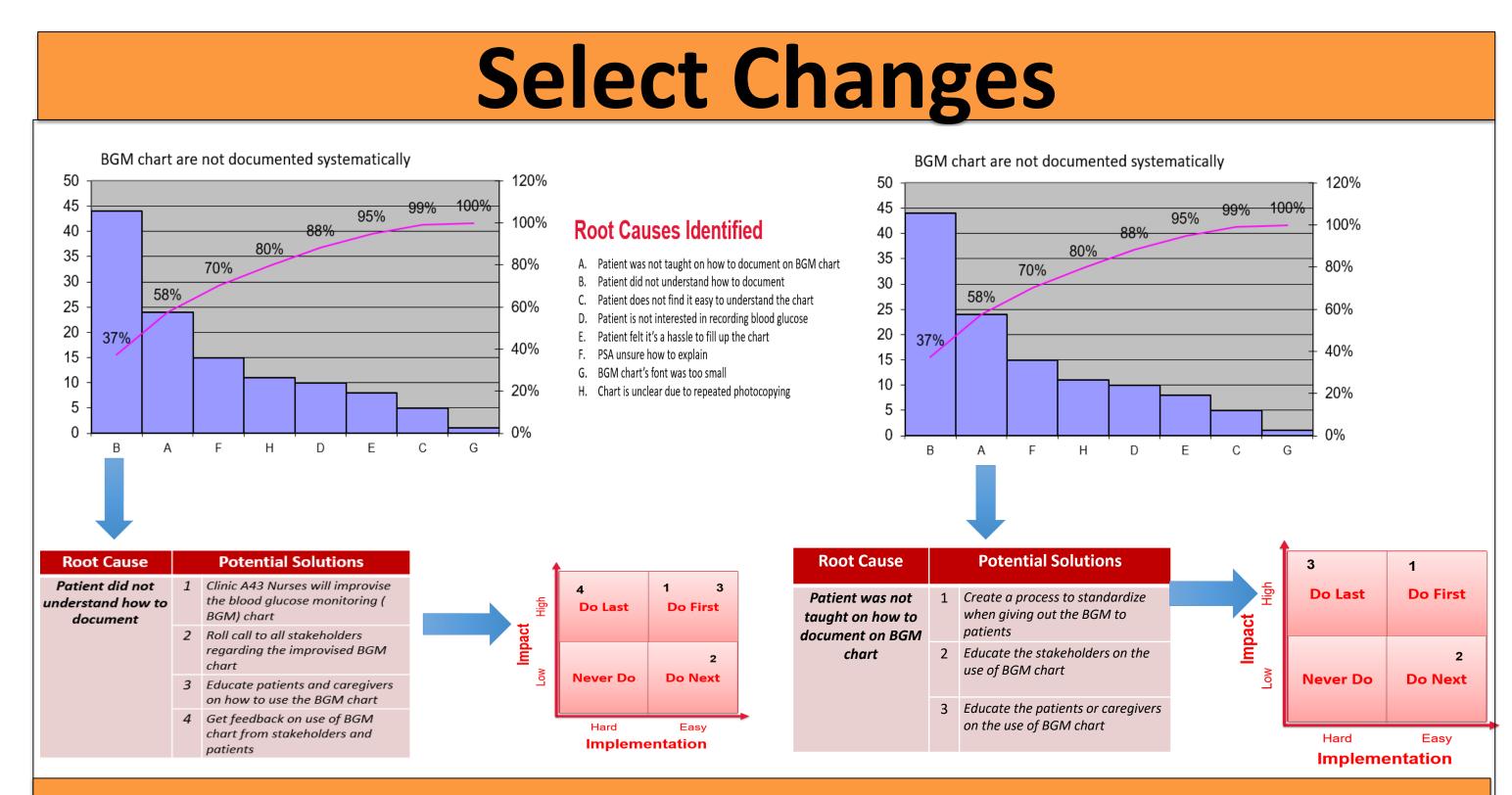


Patient was not taught on how to document on BGM chart Patient did not understand how to document atient does not find it easy to understand the chart Patient is not interested in recording blood glucose Patient felt it's a hassle to fill up the chart BGM chart's font was too small Chart is unclear due to repeated photocopying

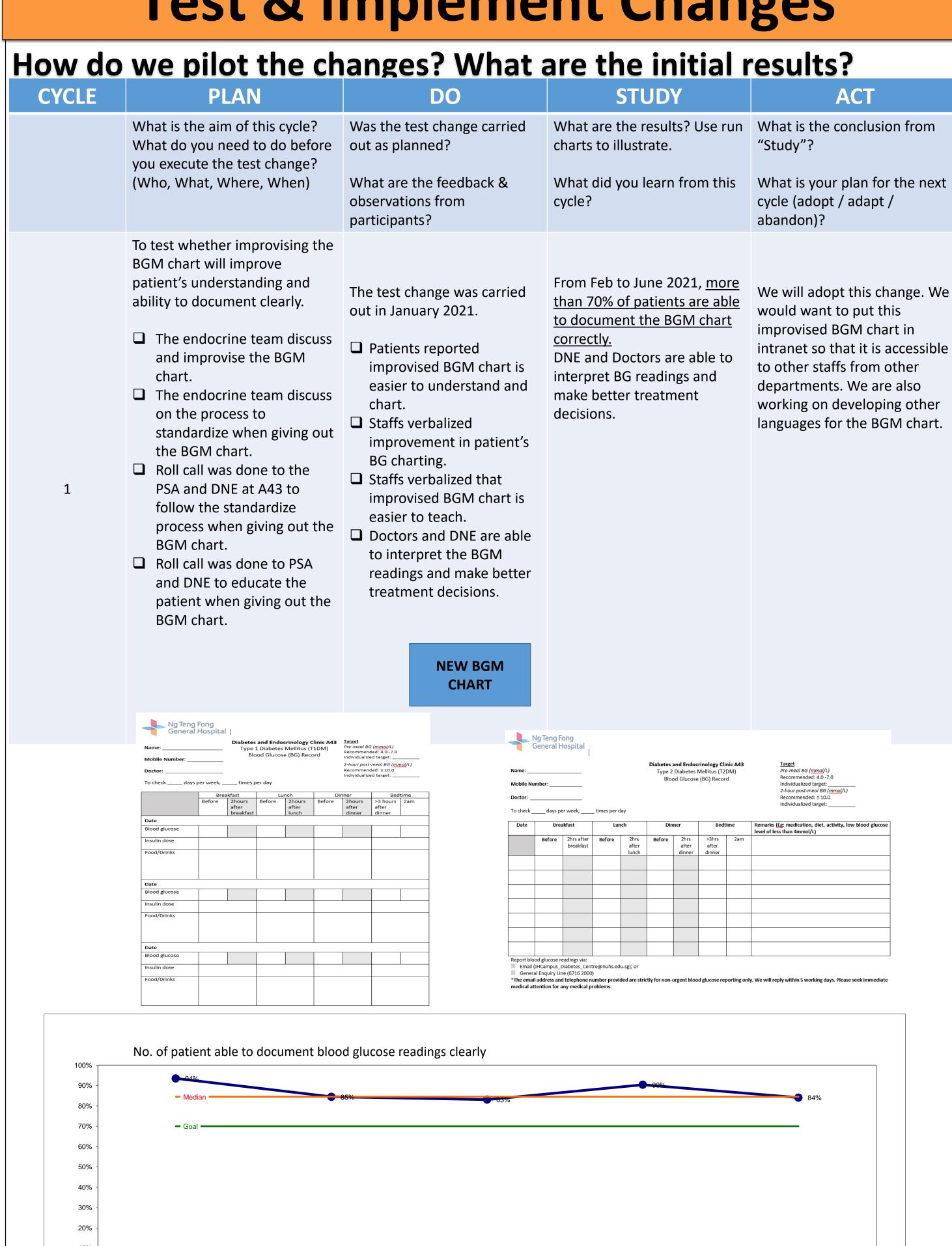








Test & Implement Changes



Spread Changes, Learning Points

What are/were the strategies to spread change after implementation?

We have communicated to the Endocrine team (Doctors, DNEs & PSAs) in A43 to educate the patients when giving out the BGM charts.

The team planned to create the BGM chart in multiple languages.

What are the key learnings from this project?

The main key point in this project is engaging the patients in the design of this new improvised BGM chart.

It makes documentation of the blood glucose readings meaningful to the patients, it improves care delivery to guide treatment decisions and is patient-centered.

The clarity and simplicity of the BGM charting has reduced confusion and consultation time with the Endocrine team.

This improvised BGM chart has also became a essential tool during DNE telehealth consult.