



DEDER GENERAL HOSPITAL

OUTPATIENT DEPARTMENT

Diabetic Mellitus (DM) management STG utilization monitoring report

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Date: 30/09/2017E.C

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Purpose

Since EBC was launched in 2014 it was mentioned that monitoring Utilization to STG was necessitated as mentioned in EBC document to make sure that clients was treated as per the protocol and there is uniformity of the care provided for the all clients. Deder General Hospital has also followed this and conducting the Monitoring of STG adherence.

Introduction

Diabetes Mellitus (DM) is a chronic condition with significant public health implications. Effective management relies on adherence to Standard Treatment Guidelines (STG) to ensure consistency and quality of care. This monitoring report evaluates the utilization of STG for DM at **Deder General hospital**, identifies gaps in compliance, and proposes actionable recommendations to improve outcomes.

AIM

To assess adherence to Standard Treatment Guidelines for managing Diabetes Mellitus and enhance the quality of care provided to patients.





Objective

- ♣ Evaluate the compliance of healthcare providers with STG standards for DM management.
- ♣ Identify gaps and challenges in STG utilization.
- ♣ Provide actionable recommendations to address identified gaps.
- ♣ Develop an action plan with clear responsibilities and timelines.

Methodology

Study Design: Cross-sectional audit of DM case management.

Data Collection:

-  **Sources:** Patient medical records, and audit checklists.
-  Study period: from May 01-30, 2017E.C
-  **Sample Size:** 10 cases of DM management reviewed.
-  **Key Indicators:** Compliance with 12 key STG standards, including diagnosis confirmation, glucose monitoring, dietary counselling, and foot care.

Data Analysis:

- Compliance rates were calculated as the percentage of compliant cases out of the total reviewed.
- Non-compliance trends were identified and categorized.

Table 1:CRITEREA AND STANDARDS

S.No	Standards
1.	Diagnosis type confirmed (Type 1, Type 2, etc.)
2.	Baseline blood glucose and HbA1c levels documented
3.	Treatment initiation based on severity and type
4.	Accurate insulin or oral agent dosing based on STG
5.	Administration of DKA management per protocol if required
6.	Monitoring of blood glucose as per protocol
7.	Dietary and exercise counseling provided
8.	Documentation of foot care and eye examination
9.	Adherence to protocol for comorbid conditions
10.	Regular follow-up and HbA1c monitoring
11.	Assessment for hypoglycemia risk and prevention
12.	Documentation of patient education and compliance

RESULT

The assessment of Standard Treatment Guideline (STG) utilization for diabetes mellitus (DM) management in **May 2017E.C** revealed outstanding performance, with a **100%** compliance rate across all 12 evaluated standards. This indicates that the healthcare team at Deder General Hospital fully adhered to the national guidelines for DM care. Key elements such as confirmation of diagnosis type, documentation of baseline blood glucose and HbA1c, proper treatment initiation, and accurate dosing of insulin or oral agents were all met with full compliance. These findings demonstrate a strong foundation in evidence-based clinical practices (**Table 2**).

Moreover, essential components of long-term DM care—including DKA management, regular monitoring, dietary and exercise counseling, foot and eye care, and comorbidity management—were all documented and implemented consistently. The documentation of patient education and hypoglycemia risk assessments further emphasizes the hospital's commitment to comprehensive and preventive diabetes care. This exceptional performance reflects the effectiveness of clinical protocols, the diligence of healthcare providers, and the positive impact of prior training and quality improvement efforts (**Table 2**).

Table 2: STG utilization performance on managing DM, May 2017E.C

S.No	Standards	Compliant (YES)	Non-Compliant (NO)	Compliance Rate (%)
1.	Diagnosis type confirmed	10	0	100
2.	Baseline blood glucose and HbA1c documented	10	0	100
3.	Treatment initiation based on severity/type	10	0	100
4.	Accurate insulin/oral agent dosing	10	0	100
5.	DKA management as per protocol	10	0	100
6.	Blood glucose monitoring	10	0	100
7.	Dietary and exercise counseling	10	0	100
8.	Foot care and eye exam documentation	10	0	100
9.	Adherence to comorbid conditions protocol	10	0	100
10.	Regular follow-up and HbA1c monitoring	10	0	100
11.	Hypoglycemia risk assessment	10	0	100
12.	Patient education documentation	10	0	100
	OVERALL	120/120	0/120	100%

DISCUSSION

The 100% compliance rate in all evaluated STG standards for diabetes mellitus (DM) management at Deder General Hospital in May 2017E.C reflects exemplary clinical performance and strict adherence to national guidelines. This achievement indicates that the facility has successfully integrated evidence-based practices into routine diabetes care, from accurate diagnosis and treatment initiation to ongoing monitoring and patient education. The complete documentation and implementation of key elements such as HbA1c monitoring, insulin/oral agent dosing, and DKA management show that providers are both knowledgeable and committed to delivering high-quality care.

Additionally, the consistent focus on preventive measures—such as foot care, dietary counseling, and hypoglycemia risk assessment—demonstrates a holistic approach to managing chronic conditions. This comprehensive care model not only reduces complications but also empowers patients to take an active role in managing their health. The findings suggest that previous quality improvement interventions and training efforts have been effective. However, it remains essential to sustain this high level of performance through continuous monitoring, refresher training, and adaptation to any future updates in treatment protocols.

RECOMMENDATIONS

✎ sustain current high standards

IMPROVEMENT PLAN

✎ No major gap seen

Table 3: The implementation status report of previous improvement plan

S.No	Recommendations	Action Taken	Responsible Persons	Status
1	Provide regular feedback to healthcare providers on their performance	Conducted monthly performance reviews and implemented a feedback system for continuous improvement	All Department Heads and Matron	Completed

REFERENCES

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Guyyaa/ቀን/Date: ____/____/____

- ✍ **Garee tajaajila Daddeebi'anii yaalamuu/OPD irraa**
- ✍ **Garee Qulquullina Tajaajila Fayyaatiif**

Dhimmi: waa'ee Gabaasa STG protocol mon erguu ilaala

Akkuma mata Dureerrattii ibsamuuf yaalameettii **STG protocol mon “DM”** Jedhamu kan **ji'a 9ffaa** bara **2017** xalayaa **Fuula 11** qabuu gaggeessituu kana waliin walqabsiifnee isiiniif eerguu keenya kabajaan isiniif beeksiifnaa.

Nagaya wajjiin!!