



DEDER GENERAL HOSPITAL
OUTPATIENT DEPARTMENT (OPD)

Renal Disease Management
STG utilization monitoring report

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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

Renal diseases, including chronic kidney disease (CKD), pose a growing burden on public health and require standardized, evidence-based care for effective management and prevention of complications. The Ethiopian national Standard Treatment Guidelines (STGs) are essential tools to ensure uniform, high-quality care across health facilities. This report presents the results of a structured monitoring exercise conducted in Deder General Hospital to evaluate adherence to the STG for renal disease management. The findings provide insight into clinical performance, gaps, and opportunities for continuous improvement.

AIM

To assess the adherence to the Standard Treatment Guidelines (STGs) in the management of renal disease and sustain quality care delivery through identification of strengths and improvement areas.

OBJECTIVES

- ✎ To evaluate the level of compliance with key STG criteria for renal disease management.
- ✎ To identify potential gaps in clinical practice.
- ✎ To inform future improvement planning and sustain high-quality renal care.

METHODOLOGY

Data Collection: A retrospective audit was conducted on 10 patient records diagnosed with renal disease between **May 01- 30, 2017**.

Criteria Assessed: Data were collected using a structured checklist based on the STGs and focused on the following standards (**Table 1**)

Analysis: Compliance was calculated as the percentage of standards met for each criterion. Data were analysed to identify trends and areas requiring improvement.

Table 1::CRITEREA AND STANDARDS

S.No	Standards
1.	Complete assessment of renal function (GFR, creatinine, BUN)
2.	Urinalysis for proteinuria, hematuria, and casts
3.	Use of kidney biopsy if diagnosis is uncertain
4.	Correct choice of immunosuppressive or supportive therapy
5.	Documentation of blood pressure and blood glucose monitoring
6.	Patient education on dietary restrictions (e.g., protein, salt)
7.	Monitoring for signs of nephrotic syndrome or nephritic syndrome
8.	Management of edema and documentation of fluid balance
9.	Regular follow-up and re-evaluation of renal function
10.	Adherence to chronic kidney disease management protocols
11.	Referral for dialysis if kidney function severely declines
12.	Documented education on lifestyle modifications for prevention

RESULT

The assessment of STG utilization in renal disease management during May 2017 E.C. showed **100%** compliance across all 11 key clinical standards. All 110 expected clinical actions were performed according to national guidelines, with zero instances of non-compliance. This indicates full adherence to critical standards such as complete renal function assessment (GFR, creatinine, BUN), proper urinalysis, appropriate use of biopsy, medication management, blood pressure and glucose monitoring, dietary counseling, fluid balance tracking, and timely dialysis referral (**Table 2**).

This high performance demonstrates that clinicians are consistently applying recommended practices in managing renal disease patients. The results reflect strong integration of guidelines into routine clinical care and suggest that previous quality improvement efforts have successfully enhanced practice reliability. No significant performance gap was identified during this review period (**Table 2**).

Table 2: Performance of STG utilization in the management of Renal disease, May 2017E.C

S.No	Standards	Compliant (YES)	Non-Compliant (NO)	Compliance Rate (%)
1.	Complete assessment of renal function (GFR, creatinine, BUN)	10	0	100
2.	Urinalysis for proteinuria, hematuria, and casts	10	0	100
3.	Use of kidney biopsy if diagnosis is uncertain	10	0	100
4.	Correct choice of immunosuppressive or supportive therapy	10	0	100
5.	Documentation of blood pressure and blood glucose monitoring	10	0	100
6.	Patient education on dietary restrictions (e.g., protein, salt)	10	0	100
7.	Monitoring for signs of nephrotic syndrome or nephritic syndrome	10	0	100
8.	Management of edema and documentation of fluid balance	10	0	100
9.	Regular follow-up and re-evaluation of renal function	10	0	100
10.	Adherence to chronic kidney disease management protocols	10	0	100
11.	Referral for dialysis if kidney function severely declines	10	0	100
12.	Documented education on lifestyle modifications for prevention			
	OVERALL	110/110	0/110	100%

DISCUSSION

The perfect adherence (100%) to renal disease STG standards at Deder General Hospital in May 2017 E.C. represents a benchmark in clinical excellence and quality improvement. It highlights the effectiveness of previous interventions, such as targeted staff training, provision of clinical tools, and regular performance monitoring. The consistent compliance across all measured standards—ranging from diagnosis to follow-up care—demonstrates the team's commitment to providing safe, evidence-based treatment for renal patients.

Importantly, the results underscore the value of continued STG monitoring in reinforcing provider accountability and improving patient outcomes. Sustaining this level of performance will require ongoing support from leadership, regular staff engagement, and sharing of lessons learned with other clinical departments. Even in the absence of gaps, maintaining momentum through routine audits and feedback remains essential to guard against complacency and ensure continuous excellence in renal disease care.

RECOMMENDATIONS

- ✎ Sustain current high standards

IMPROVEMENT PLAN

- ✎ No major gap seen

REFERENCES

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✍ **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 "Renal Disease"** Jedhamu kan **ji'a 9ffaa** bara **2017** xalayaa **Fuula 11** qabuu gaggeessituu kana waliin walqabsiifnee isiiniif eerguu keenya kabajaan isiniif beeksiifnaa.

Nagaya wajjiin!!