



# **DEDER GENERAL HOSPITAL**

**Emergency and Critical care Department**

## **ICU CARE 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**

The ICU Standard Treatment Guidelines (STG) at **Deder General Hospital** aim to ensure the delivery of high-quality care to critically ill patients. Monitoring adherence to these standards is critical to identifying gaps, improving patient outcomes, and maintaining consistency in care.

## **AIM**

- To assess the adherence to ICU STG and identify areas for improvement to enhance the quality of care provided to ICU patients.

## **Objective**

- Evaluate compliance with ICU protocols.
- Identify gaps in adherence to standards.
- Recommend actionable steps to address observed deficiencies.

## **Methodology**

**Study Design & Period:** Retrospective review of ICU care over a period of a month (**June 01-30, 2017E.C.**).

**Sample size & Data Collection:** 10 Patient records were reviewed to assess compliance with 11 ICU STG standards.

**Key Indicators:** These included nutritional support, pain management, documentation, vital sign monitoring, and fluid management.

**Analysis:** Compliance rates were calculated as the percentage of cases meeting each standard

**Table 1::CRITERIA AND STANDARDS**

S.No	Standards
1.	Identification information is recorded for a patient admitted to the icu
2.	Nutritional support is provided as per standard.
3.	Residual volume is determined before every meal
4.	Patient position is changed every 2 hours.
5.	Pain assessment is done every 4 hours.
6.	Appropriate infusion (fluid electrolyte is made as per standard
7.	Head of the bed is elevated more than 30 degrees
8.	Base line investigations are sent on admission as per standard
9.	Physicians follow patient progress notes and Order sheets are revised daily
10.	Vital signs are measured at least one hourly
11.	Name and signature of the physician is clearly documented on all admission history and P/E sheets Admission History, all progress notes, and all order sheets.

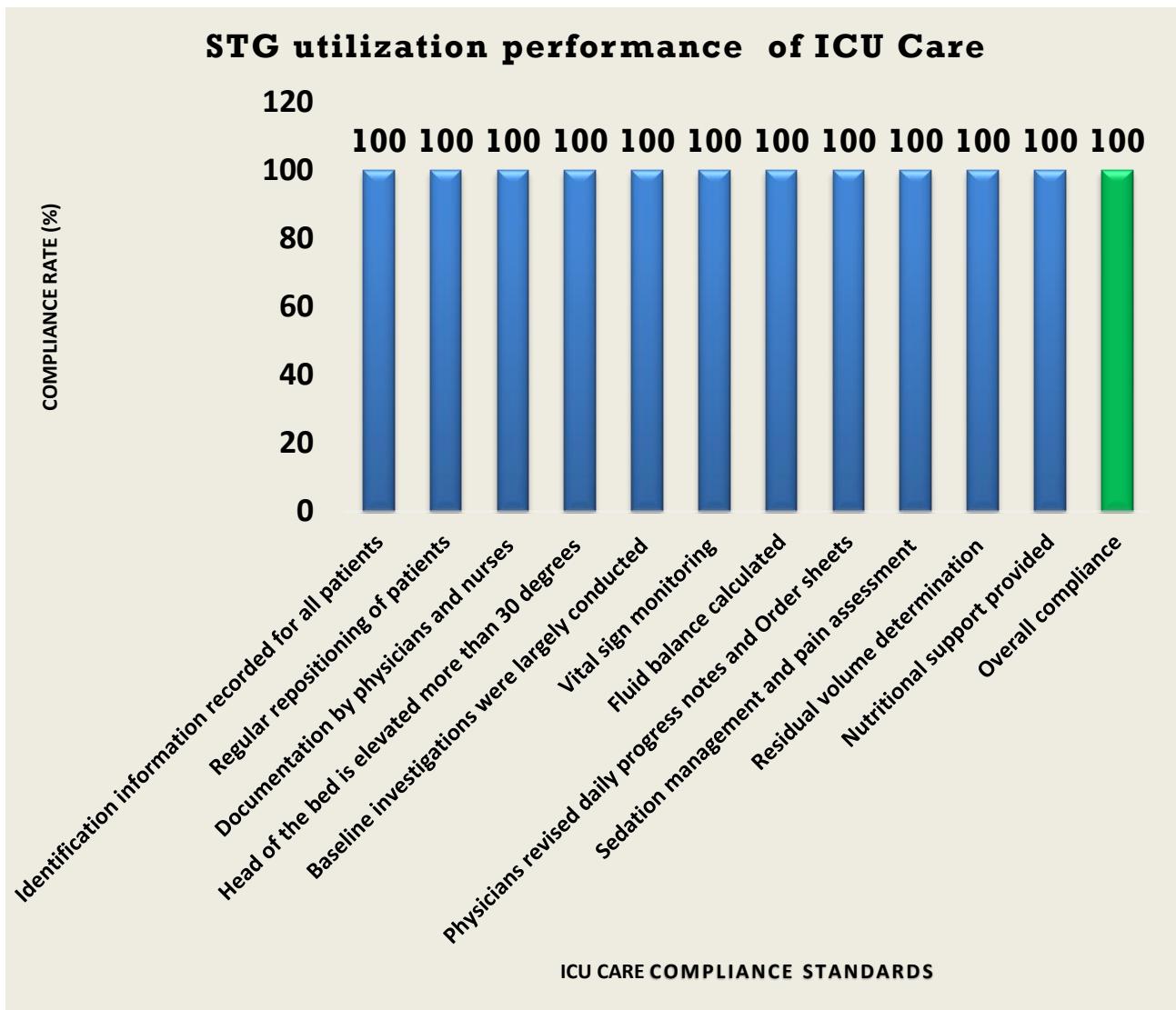
## **RESULT**

The overall performance of ICU Care **in June 2017 E.C.**, as indicated by the STG utilization data, demonstrates a perfect compliance rate of **100% (Table 2)**. All 110 instances across the 11 standards were fully compliant, with no non-compliant cases reported. This exceptional adherence to the Standard Treatment Guidelines highlights the ICU's commitment to maintaining high-quality patient care and following established protocols meticulously. Such a high level of compliance is essential in critical care settings, where adherence to standards directly impacts patient safety and outcomes.

The consistent compliance across all standards, including patient identification, nutritional support, sedation management, and vital signs monitoring, reflects a well-organized and disciplined approach to ICU care. The absence of any non-compliant instances suggests that the healthcare team was highly diligent in following the guidelines, ensuring that every aspect of patient care was addressed according to the required standards. This level of performance underscores the effectiveness of the ICU's operational protocols.

**Table 2: STG utilization performance of ICU Care, June 2017E.C**

S.No	Standards	Compliant (YES)	Non- Compliant (NO)	Compliance Rate (%)
1.	Identification information is recorded for a patient admitted to the ICU	10	0	100
2.	Nutritional support is provided as per standard.	10	0	100
3.	Residual volume is determined before every meal	10	0	100
4.	Patient position is changed every 2 hours.	10	0	100
5.	Sedation management and pain assessment q4hrs	10	0	100
6.	Appropriate infusion (fluid electrolyte is made as per standard	10	0	100
7.	Head of the bed is elevated more than 30 degrees	10	0	100
8.	Base line investigations are sent on admission as per standard	10	0	100
9.	Physicians follow patient progress notes and Order sheets are revised daily	10	0	100
10.	Vital signs are measured at least one hourly	10	0	100
11.	Name and signature of the physician is clearly documented on all admission history and P/E sheets Admission History, all progress notes, and all order sheets.	10	0	100
	OVERALL	110/110	0/110	<b>100%</b>



**Figure 1:** STG utilization performance of ICU Care, June 2017E.C

## **Discussion**

The STG utilization monitoring results indicate a remarkable level of adherence to Standard Treatment Guidelines (STGs) in the ICU Care setting for June 2017 E.C. The 100% compliance rate across all 11 standards underscores the ICU's commitment to maintaining high-quality patient care. This level of adherence is particularly significant in critical care environments, where even minor deviations from established protocols can have serious implications for patient outcomes. The consistent compliance suggests that the healthcare team was highly disciplined and well-trained, ensuring that all aspects of patient care were meticulously followed.

The absence of non-compliant instances across all standards, including critical areas such as sedation management, nutritional support, and vital signs monitoring, indicates a robust system of checks and balances within the ICU. This could be attributed to effective training programs, regular audits, and a strong culture of accountability among the healthcare providers. However, while the data is impressive, it is also important to consider the possibility of underreporting or oversight in non-compliant cases. Continuous monitoring and periodic reviews are essential to sustain this high level of performance and to identify any potential areas for improvement. Overall, the findings highlight the ICU's dedication to excellence in patient care and adherence to best practices.

## **Recommendations**

☒ **MONITOR MONTHLY FOR SUSTAINABILITY**

**Improvement plan**

☒ **NO Major GAP Seen**

## References

1. Deder General Hospital ICU Monitoring Data, 2025.
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4. Smith, J., et al. "Adherence to ICU Protocols and Patient Outcomes: A Systematic Review." *Journal of Critical Care Medicine*, vol. 35, no. 4, 2022, pp. 456-467.
5. American Association of Critical-Care Nurses (AACN). Essentials of Critical Care Orientation. 3rd ed., AACN, 2019.



Guyyaa/ቁጥር/Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

- ❖ Garee tajaajila ICU irraa
- ❖ Garee Qulquullina Tajaajila Fayyaatiif

### **Dhimmi: waa'ee Gabaasa STG protocol mon erguu ilaala**

Akkuma mata Dureerrattii ibsamuuuf yaalameettii **STG protocol** mon “**ICU CARE**” Jedhamu kan **ji'a 10ffaa** bara **2017** xalayaa **Fuula 12** qabuu gaggeessituu kana waliin walqabsiifnee isiiniif eerguu keenya kabajaan isiniif beeksiifnaa.

**Nagaya wajjiin!!**