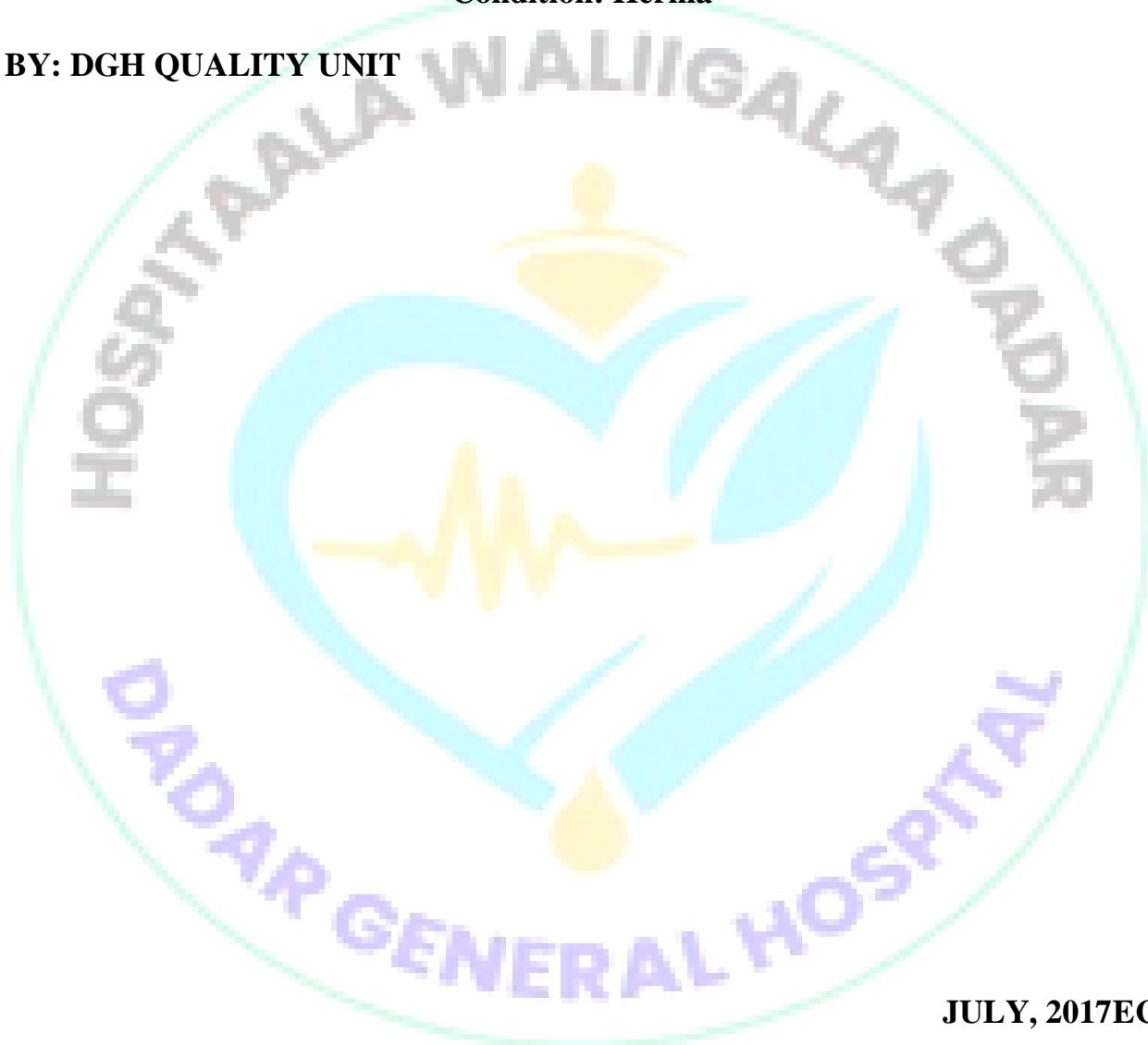


DEDER GENERAL HOSPITAL

STG Compliance Monitoring Report

Condition: Hernia

BY: DGH QUALITY UNIT



JULY, 2017EC

DEDER, ETHIOPIA

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1. Introduction

Hernia, a condition characterized by the protrusion of an organ or tissue through a weak spot in the surrounding muscle or connective tissue, is a common surgical condition managed in general hospitals. If untreated, hernias can lead to complications such as obstruction or strangulation, necessitating emergency surgery.

To standardize the diagnosis, treatment, and follow-up of surgical conditions such as hernia, the Federal Ministry of Health of Ethiopia has developed **Standard Treatment Guidelines (STGs)**. These guidelines are critical to ensuring high-quality, safe, and effective patient care.

This audit was conducted to assess adherence to the STG for the management of hernia at **Deder General Hospital**.

2. Objectives

2.1 General Objective

- To evaluate compliance with national STGs in the diagnosis and management of hernia.

2.2 Specific Objectives

- To determine whether patient history, physical examination, and diagnostics were documented according to STG.
- To assess the appropriateness of the chosen treatment method (surgical or conservative).
- To evaluate compliance with perioperative and postoperative care protocols.
- To verify whether patient education and follow-up planning were conducted as recommended.

3. Methodology

3.1 Study Area

The audit was carried out at **Deder General Hospital**, located in East Hararghe Zone, Oromia Region.

3.2 Study Design

This was a **retrospective clinical audit** using a checklist based on the national STGs for surgical care, specifically for hernia.

3.3 Study Period

Records reviewed were from the period of **June 8 to July 8, 2017 E.C.**

3.4 Sample and Criteria

- **Total cases reviewed:** 1
- **Inclusion criteria:** Complete documentation of diagnosis, surgical treatment, perioperative care, and follow-up.

3.5 Data Collection and Analysis

A **13-point checklist** was used to assess each step of hernia management for compliance with STG. Each criterion was scored:

- **Compliant (1)**
- **Non-Compliant (0)**

Results are presented below.

4. Results

The hernia case reviewed demonstrated **full compliance (100%)** across all checklist items.

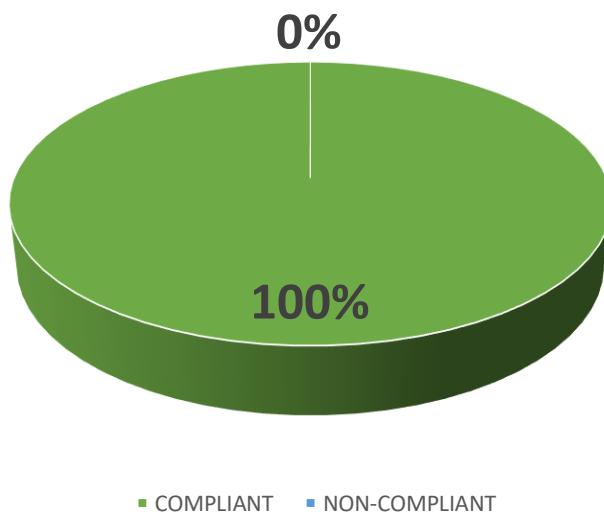
Table 1: STG Compliance Summary – Hernia Case (n = 1)

S/N	Criteria	Compliant	Non-Compliant
1	Was the patient's history (symptoms, duration, risk factors) documented in detail?	1	0
2	Was the physical examination consistent with STG?	1	0
3	Were recommended diagnostics (e.g., imaging, lab tests) utilized per STG?	1	0
4	Was the diagnosis consistent with STG criteria?	1	0
5	Was the type of hernia classified and clearly documented?	1	0
6	Was the chosen treatment (surgical or conservative) aligned with STG?	1	0

7	Was the patient appropriately prepared for surgery or treatment according to protocol?	1	0
8	Were prescribed medications appropriate (e.g., antibiotics, analgesics)?	1	0
9	Was the surgical procedure consistent with STG recommendations?	1	0
10	Was perioperative care documented and provided according to protocol?	1	0
11	Were aseptic techniques followed during surgery?	1	0
12	Were complications monitored and managed as per guidelines?	1	0
13	Was the patient educated on post-treatment care and follow-up visits scheduled?	1	0
Total		13	0
Compliance Rate		100%	0%

PIECHART: SW HERNIA (STG) COMPLIANCE MONITORING REPORT 4TH QRTR 2017EC

SW HERNIA (STG) Compliance Monitoring Report 4th qrtr 2017ec



5. Discussion

This audit demonstrated that the management of the hernia case at Deder General Hospital was in full compliance with the national Standard Treatment Guidelines. All clinical steps—from history taking to follow-up—were performed and documented appropriately. The classification

of hernia type, choice of surgical intervention, and perioperative care were all consistent with guideline recommendations.

Although this audit is based on a single patient, it reflects a strong adherence to standard protocols and quality care delivery. Expanding the scope of future audits to include multiple cases will offer a more comprehensive view of performance trends.

6. Recommendations

- Continue to maintain current compliance with hernia management standards.
- Use this case as a best-practice example during clinical training and quality review meetings.
- Scale up future audits to include more cases and broader surgical categories.
- Ensure continuous professional development for surgical teams on updated STG content.

7. Action Plan

Action Item	Responsible Team	Timeline	Indicator
Continue STG audits for surgical conditions including hernia	Quality Improvement Committee	Quarterly	Audit reports generated and reviewed
Conduct feedback sessions and share success in departmental meetings	Surgical Department	Monthly	Documentation of shared practices in meeting notes
Update staff on changes to STGs through in-service training	Hospital Management	Biannually	Number of staff trained and knowledge assessments

8. Conclusion

The review of a hernia case at Deder General Hospital during **June 8 to July 8, 2017 E.C.** revealed **100% adherence** to national Standard Treatment Guidelines. This signifies that all aspects of care—from diagnosis to follow-up—were handled in line with best practices. Continued compliance audits and periodic training will be essential in sustaining this performance.

9. References

1. Federal Ministry of Health Ethiopia. *National Standard Treatment Guidelines for General Hospitals – 3rd Edition*. FMOH, 2014.
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4. CDC. *Guidelines for the Prevention of Surgical Site Infections*. Atlanta, GA: CDC, 2016.
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