"ENHANCING PATIENT SAFETY BY ENGAGING PATIENT AND CARE PROVIDER TO PREVENT HOSPITAL ACQUIRED INFECTION AND MEDICATION ERROR"

PRESENTED BY – Ms. SARMIN KHATUN, NURSING STAFF, MANIPAL HOSPITAL SARJAPUR ROAD, BENGALURU

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ABSTRACT

Speak up for patient safety!

What is SAFETY ?

"SAFTEY IS A SMALL INVESTMENT FOR A RICH FUTURE"



S – Sense the error.
A – Act to prevent it.
F – Follow Safety Guidelines.
E – Enquire into accidents / Deaths.
T – Take appropriate remedial measure.
Y – Your responsibility.

Patient Safety is a health care discipline that emerged with the evolving complexity in health care systems and the resulting rise of patient harm in health care facilities. It aims to prevent and reduce risks, errors and harm that occur to patients during provision of health care. Engaging patient in patient safety is the main key for reducing all harm.

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CONTACT

NAME: Ishani Jana
MANIPAL HOSPITAL SARJAPUR ROAD
Phone: 8240662368
Mailid : ishani.jana@manipalhospitals.com

INTRODUCTION

"NO ONE SHOULD BE HARMED IN HEALTH CARE."

Patient safety is the absence of preventable harm to a patient during the process of health care. Patient attender and patient should understand and identify the risk which could be prevented earlier.

" PLEASE DO NOT HARM".

The main purpose of this project is to reduce the Medication Error and Hospital Infections like - (VAP, CAUTI, CLABSI, and SSI) by creating awareness among the patients, engaging patient's family members and care providers.

METHODS AND MATERIALS

Aim: To achieve 0% medication error and hospital acquired infection by engaging patients.

Project design : Prospective, observation, analytical project

Setting of the project : All critical and non critical units in hospital

Timeline of the project :

- Pre-audit : May-June
- Implementation period: July
- Post-audit: August

TOOLS HAS BEEN USED FOR THIS PROJECT:

- Daily auditing
- 5 Whys ?
- Cause and effects
- Team formation

- **Audit and training team:**

1. ICU Doctors 2. ICN, 3. Quality nurse, 4. Nursing In-charges

RESULTS

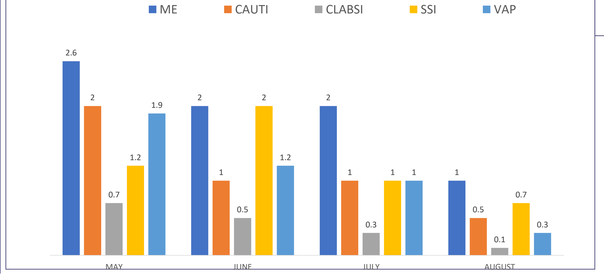
As a result we can see that , the rate of infection and medication error has been reduced in the month of august compared to may by following the infection control protocol such as maintaining aseptic techniques, handwashing In order to protect the patients from contagious diseases and infection .Medication error has been reduced by giving spot education and spot correction.

Other than that following things has been improved:

- Reduced medication error, Improved safety
- Empowerment and Self-advocacy
- Early detection and prevention
- Enhanced compliance, Better outcomes
- Valuable feedback and Insights
- Reduced infections and improved quality
- Improved communication and trust

GRAPHS AND TABLES

INCIDENCE RATES OF NEDICATION ERROR AND HOSPITAL INFECTION IN THE MONTH OF MAY- AUGUST



DISCUSSION

Findings indicates that the medication error and hospital infections has been reduced by following bellow strategies :

- **To prevent SSI Scrub the hub technique has been implemented in all areas and educate to the patient attender if patient goes home with IV lines.**
- **5 Moments of hand hygiene & hand washing poster has been displayed in each departments and patient bed side.**
- **Surgical Patients are educated on pre OT chlorhexidine bath, basic hygiene protocols in OPD basis**
- **Hand hygiene audit is on going everyday basis by our infection control nurse and training to all IP attenders and OP patients**
- **Medication safety poster has been displayed in each department and each room to make awareness to the patient and patient family to create awareness entire drug administration safety.**
- **Patients are provided the drug list to know the medications.**
- **Attenders are engaged in medication preparation time**







***In conclusion**, We Manipal hospital ensure that no one should be harmed in health care and yet, everyday, thousands of patients suffers avoidable harm while receiving care. Safety is shared responsibility between Patients and care providers. Join hands for a safer and more effective medical industry.*



REFERENCES

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