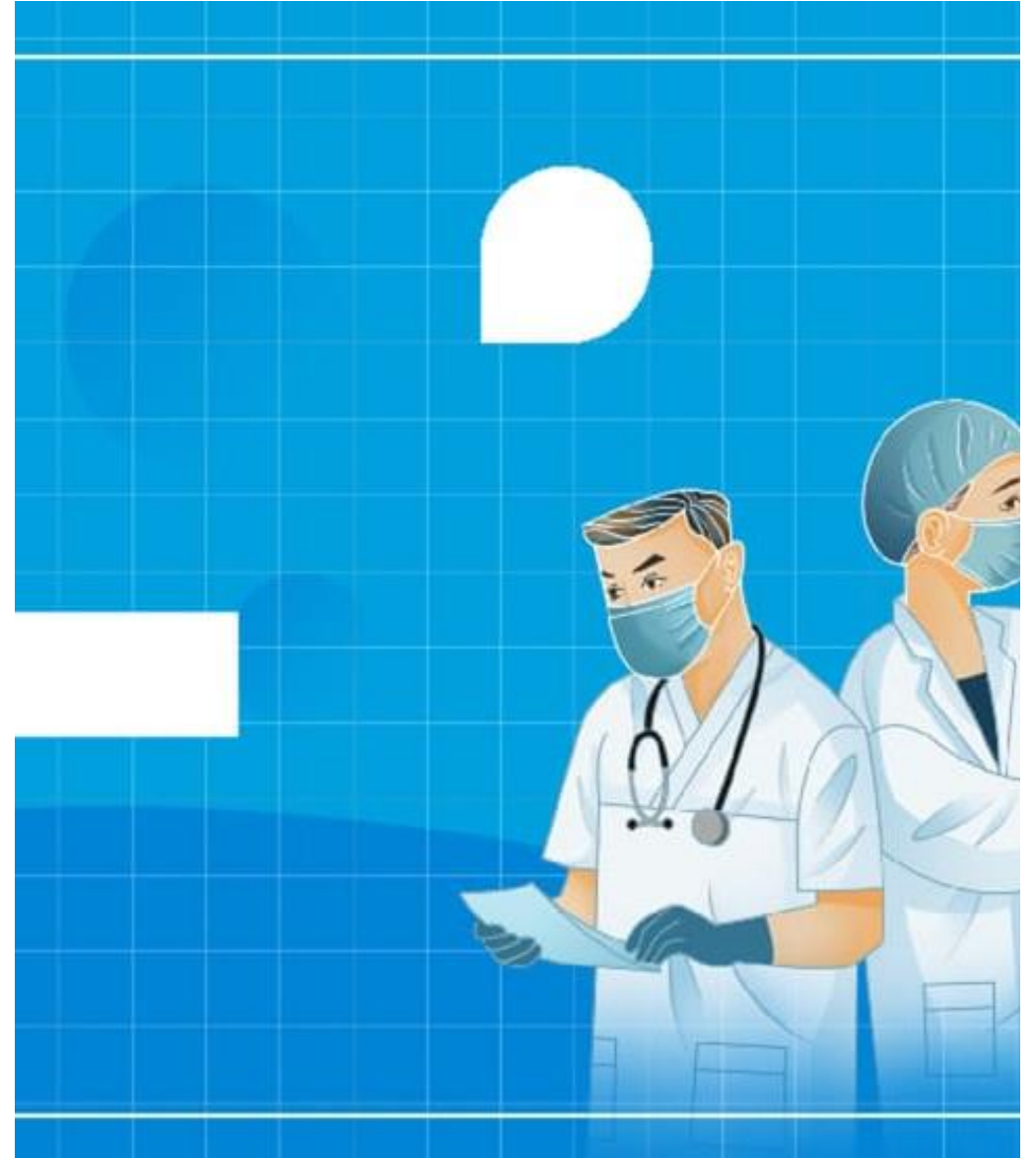


A STUDY ON ENHANCING
HOSPITAL INFECTION CONTROL -
AN AUDIT-BASED APPROACH



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INTRODUCTION

The control and prevention of infections within hospitals are paramount to safeguarding the well-being of patients, healthcare workers, and the community at large. Hospital-acquired infections pose a significant challenge to patient safety and quality of care.

Infection control practices play a crucial role in preventing the spread of infectious diseases within healthcare facilities.

These infections can lead to prolonged hospital stays, increased healthcare costs, and, in severe cases, even mortality. In response to this issue, hospitals conduct infection control studies.

Research Question

- ❖ What is the current state of awareness among healthcare workers regarding the proper handling and disposal of biomedical waste?
- ❖ What are the most important strategies and practices for effective control and prevention of hospital infection Control?



Methodology



STUDY DESIGN AND TYPE – The study is descriptive cross-sectional study.



STUDY SETTING – The study was conducted in every department of hospital at fortis hospital



DATA COLLECTION PROCEDURE –



Data was collected primarily using Audit forms, Questionnaire, and interviews.



Reviewed medical records of patients who have been diagnosed with healthcare associated infections.



DURATION OF STUDY – The study was conducted over a period of three months i.e. (Mar, Apr, May)

OBJECTIVES



To study the usual standard precautions of cleanliness and general hygiene.



To monitor laundry and linen management process of the department.



To study the policies for waste disposal.



To study the various audit methodologies in hospital infection control department and assess their efficiency.

Infection Control Team

Medical
Superintendent

Infection
Control Officer

Infection
Control Nurse

Anaesthetist

H.O.D Facility
Management

H.O.D Food
and Beverages

H.O.D House
Keeping

ROLE OF INFECTION CONTROL TEAM

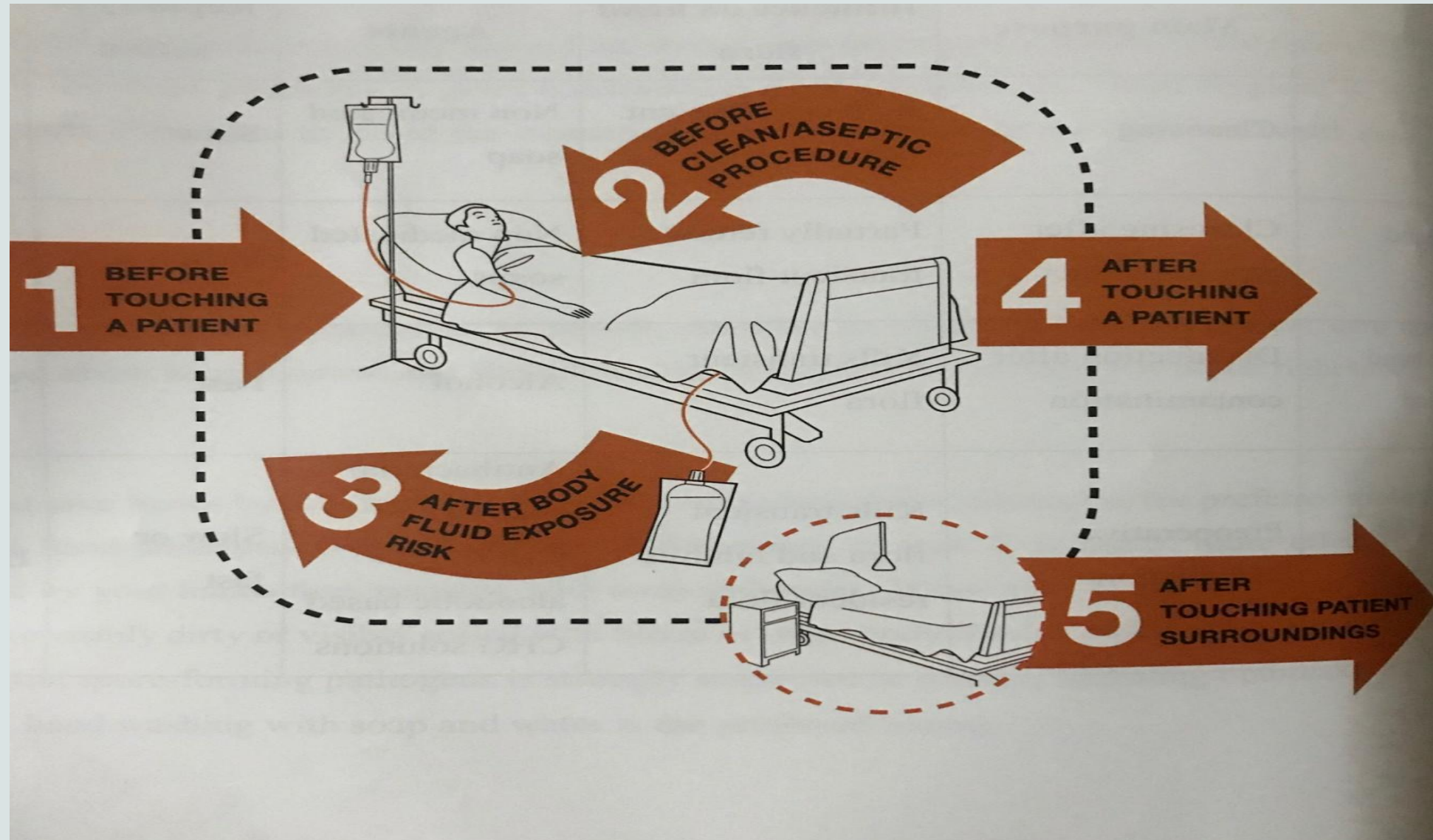
- The ICT is responsible for review of notifications of communicable disease and nosocomial infections and recommend appropriate actions.
- To prevent the spread of infections in healthcare facilities, preventive work is recommended mainly on two levels.
 - Standard precautions
 - Shipping based precautions.

Safety measures during handling of BMW

When carrying out diagnostic procedures and handling biomedical waste, generators of that material should take all necessary safeguards and safety measures.

- It must be ensured that:
 - Drivers, handlers, and collectors are aware of the nature and risks of waste.
 - Written instructions are provided on the procedures to be followed in the event of a spill.
 - Protective equipment is included, and instructions are provided for its use.
 - Employees are protected by tetanus and hepatitis B vaccine.

5 MOMENTS FOR HAND HYGIENE



Responsibilities of HICT



Develop a manual of policies and procedures for aspects, isolation and antiseptic techniques.



Supervise and monitor cleanliness and hygienic practices



Oversee sterilization and disinfection.



Investigate outbreaks and take corrective measures for control and prevention of outbreak



Take regular audits in departments.



To oversee Bio Medical Waste management.



Regular Training programme of all new employees.

Work I completed for Audits at the Hospital Infection Control Department

Hand Hygiene Surveillance Checklist

HAND HYGIENE SURVEILLANCE – SAMPLE CHECKLIST

Month: Year: Location:

S. No	Item(Hand hygiene)Alternative	Date		Date		Date	
		Y	N	Y	N	Y	N
1.	Hand Preparation						
2.	Palm to Palm giving more attention to the inter-digital space						
3.	Right palm over left dorsum with interlaced fingers and vice versa						
4.	Back of fingers to opposing palms with fingers clenched						
5.	Rotational rubbing of left thumb followed by all the finger						
6.	Rotational rubbing backwards and forwards with clasped fingers of right hand in the left palm and vice-versa						
7.	Rotational rub around the left wrist and vice-versa						
8.	Rub from wrist to elbow downwards in a rotational manner and vice-versa						
9.	Allowed the water to drip fully from the hand before leaving from the scrub area						
	Emp no of the staff						
	Infection control Nurse name						
	SCORING						

Y = Yes, N = No

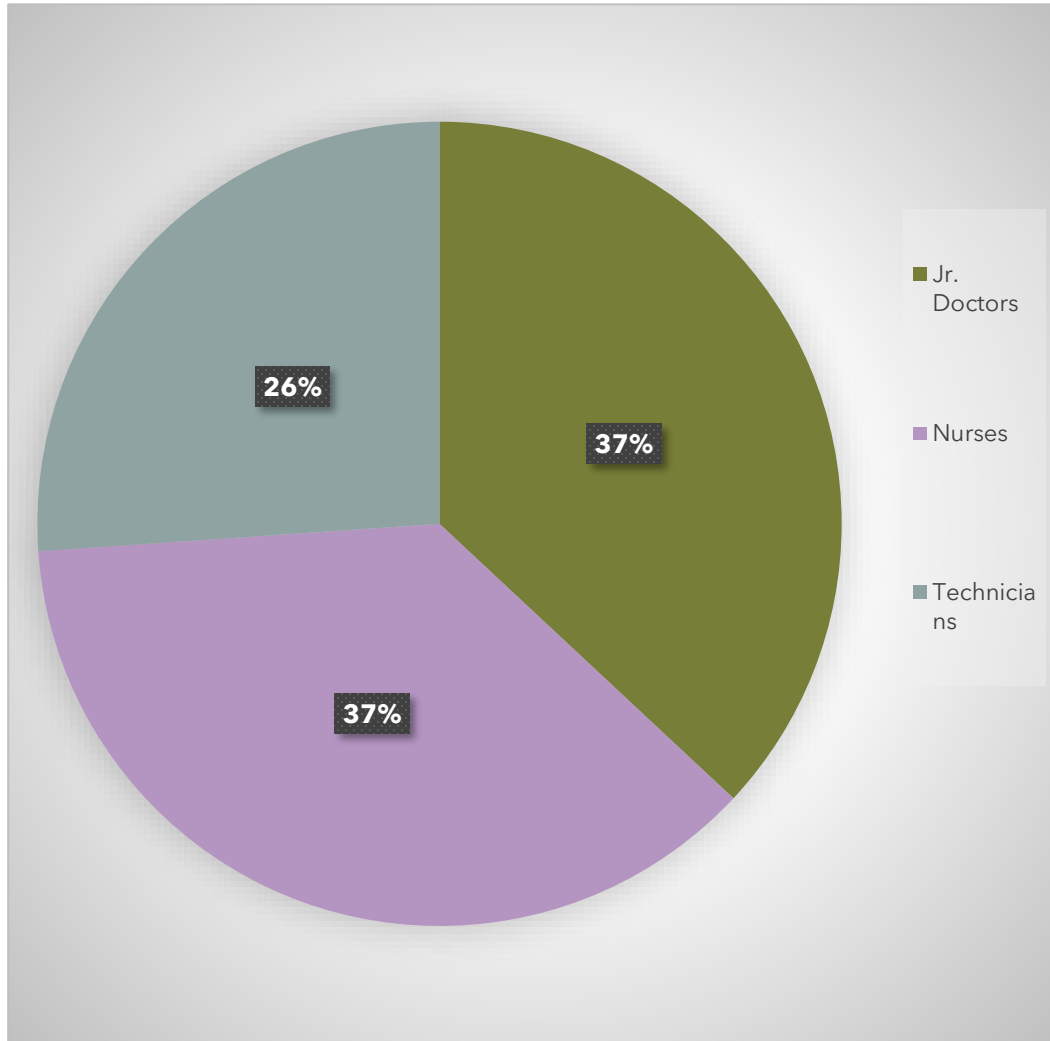
BIO MEDICAL WASTE SEGREGATION CHECKLIST

BIO MEDICAL WASTE SEGREGATION AUDIT - SAMPLE CHECKLIST:

MONTH: YEAR: LOCATION:

S.NO	PARAMETERS TO BE CHECKED	DATES							
1	BMW area kept clean								
2	Effective pest control measures.								
3	PPE used effectively.								
4	Hand wash provision available.								
5	BMW labelling data adequate.								
6	Waste containers intact and kept clean.								
7	Disinfection of the containers after waste clearance.								
8	Clearance done as per the norms.								
9	Availability of needle cutters in the user end and sharp disposal container for sharps.								
10	Availability of red waste bins								
11	0								
12	Availability of black (General) waste bins								
13	Availability of yellow waste bins								
14	Waste weighing record monitored.								
	ICN signature:								
	Scoring:								

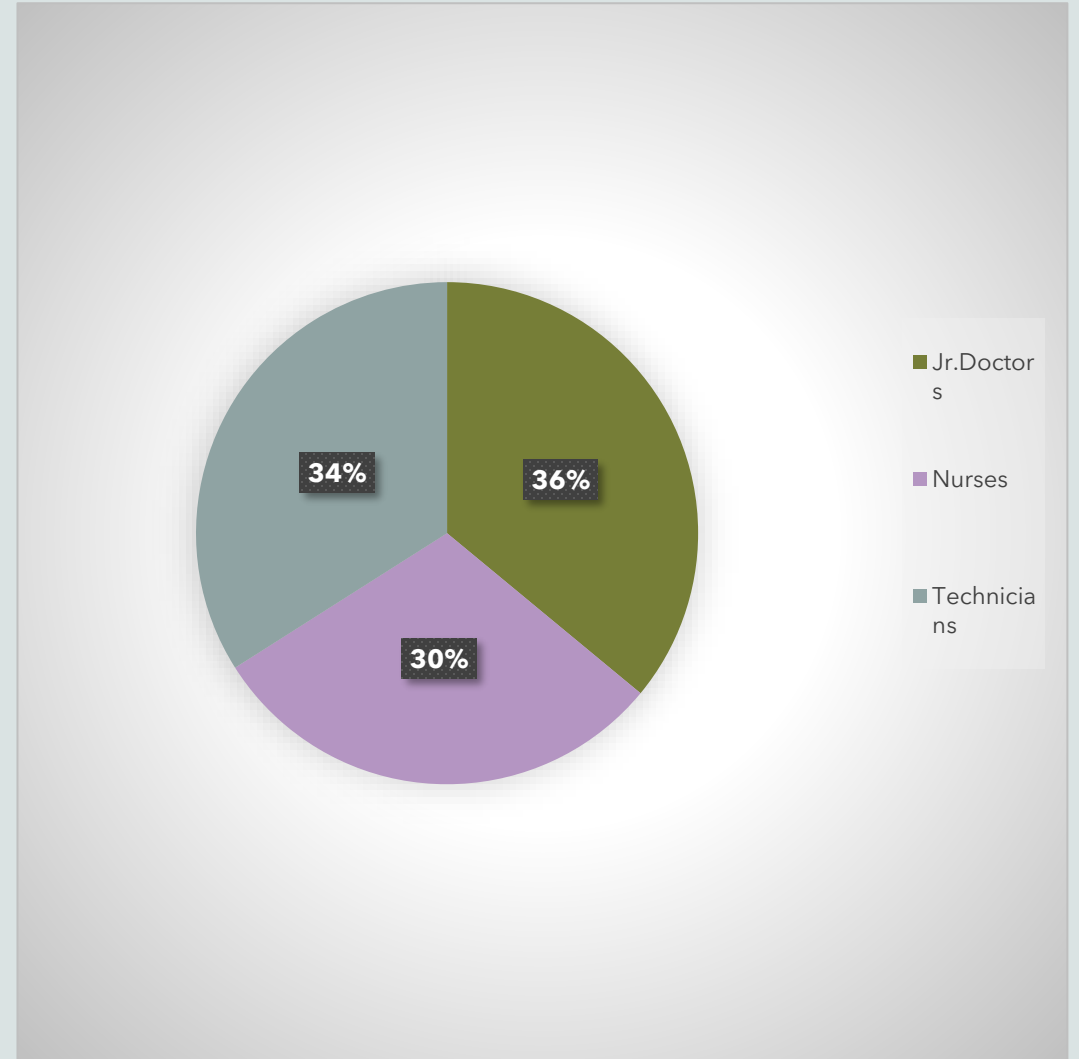
Analysis and Interpretation



What is the Level of familiarity with reporting process?

**What is the Impact of workload on
adhering to guidelines ?**

ANALYSIS AND INTERPRETATION



Conclusion



The hospital infection control department plays a crucial role in ensuring the safety and well-being of patients, staff, and visitors within the hospital settings. The audit of proper hygiene practices in the hospital that everyone should follow, including the monitoring of BMW, is a very essential component of their responsibilities.



By conducting and helping in regular audits it serves as a valuable feedback mechanism for the hospital administration and healthcare personnel, enabling them to address any deficiencies promptly and implement corrective measures in every department. T



herefore, the hospital infection control department commitment to conducting regular audits and ensuring adherence of proper hygiene practices, including the safe management of BMW, is crucial for creating a safe and healthy environment for all stakeholders in the hospital.



THANK YOU

