

MEASUREMENT OF COMPLIANCE REGARDING HAND HYGIENE PRACTICES IN A HOSPIITAL



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Bombay Hospital, Indore

- 1.It was started in October 2003.
- 2.Bombay Hospital is the largest trust hospital and only NABH accredited hospital in Madhya Pradesh.
- 3.It has all functional departments and very comprehensive support services & engineering services.
- 4.It is planned as a 600 bedded tertiary care hospital (235 functional) with 65 beds providing class 1 intensive care, 5 operating rooms organised in surgical suites,1 minor OT for emergency services.

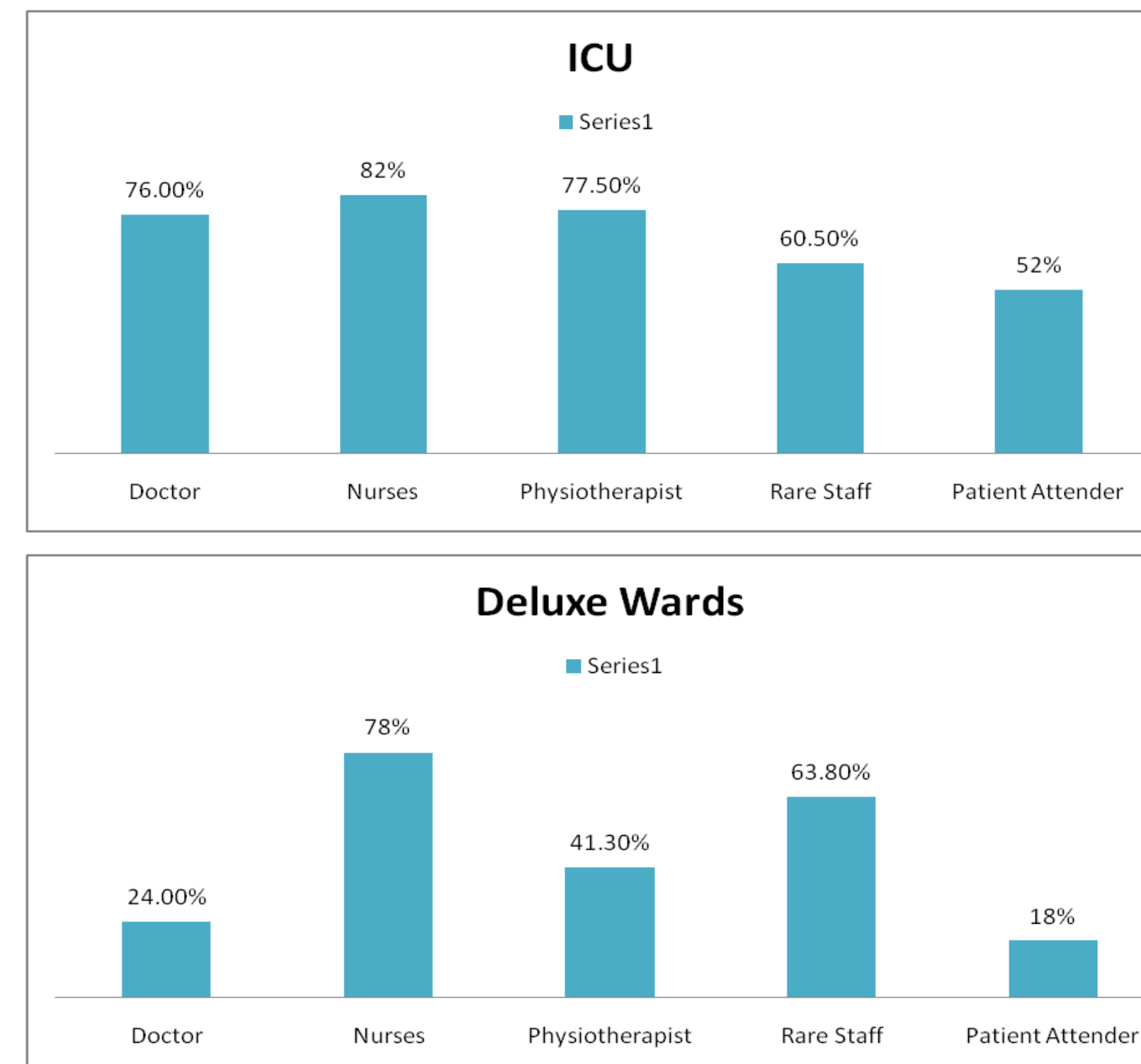
Objectives:

1. To measure the compliance of health care workers regarding hand hygiene.
2. To analyze the root causes of non-compliance and to give recommendations for the same.

Methodology:

1. Study area- All the ICU and wards.
 2. Study duration- 30 days.
 3. Study design- Observational study
 4. Sampling and Sample size- Purposive sampling was done. Observation was done every day randomly .Sample size-250.
 5. Tools & Techniques for data collection and analysis-Checklist prepared for hand hygiene monitoring by the Infection control committee of the hospital. Data analysis was done in MS Excel.
- Calculation was done by the checklist prepared by the Infection control committee. Where rating was done from 0 to 5 where 0 is poor and 5 is excellent.

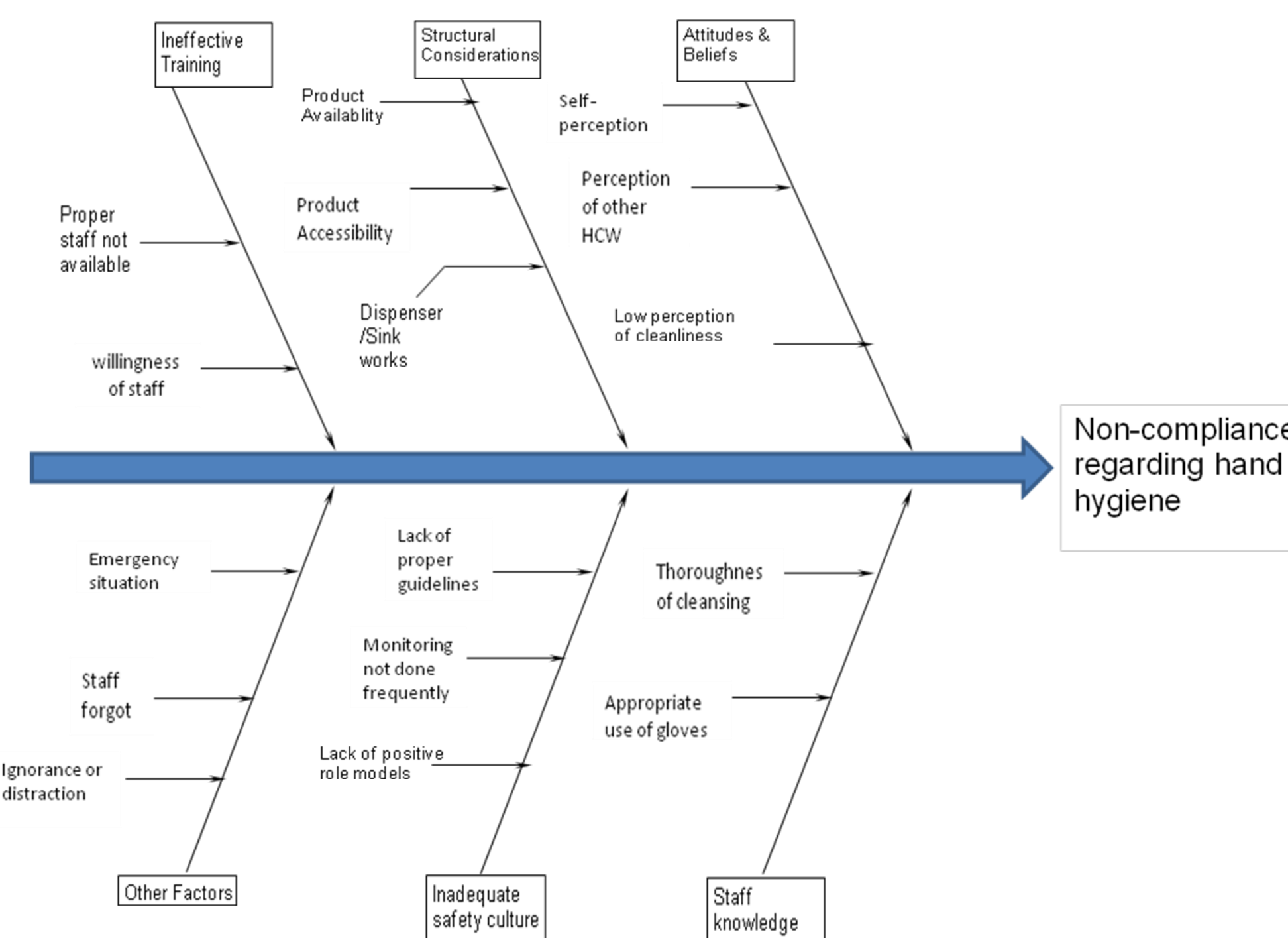
Key Findings



Results:

- 1.Hand Hygiene compliance was higher in all the ICU as compared to all categories of wards which may be due to perception that precaution should be followed for only critical patients like in ICU.
- 2.It was seen to be consistently average for patient visitors.
- 3.Nurses consistently show good compliance which may be due to regular training of nurses.
- 4.Doctors and Physiotherapists showed varied response .
- 5.Rare staff or housekeeping staff also showed varied response.

FISHBONE DIAGRAM



Recommendations:

- 1.Regular monitoring and audit should be done to analyse the hand hygiene practices.
- 2.Repeated training and in-service education classes should be provided to all the health care workers.
- 3.Competitions should be held for encouraging the staff members to develop their knowledge of hand hygiene practices.
- 4.Strict guidelines should be present for all the healthcare workers to follow good hand hygiene practices.
- 5.Bedside instructions should be given to patient visitors by nurses to increase good hand hygiene practices.
- 6.Postures of hand washing steps should be present above the washing area in all the departments.
- 7.BCC and IEC material should be used to increase the awareness among patient visitors and rare staff.