

A STUDY TO ASSESS THE CLINICAL PRACTICES OF NURSING STAFF

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Nurses being front line care provider play an important role in upholding organization and fulfilling patient's expectation.

- Acutely ill patients having a short length of stay places greater responsibility on the nursing staff to demonstrate their competency in patient care.
- Therefore, it becomes necessary to assess, track, maintain and improve the competency and practices of the nursing staff.

INTRODUCTION

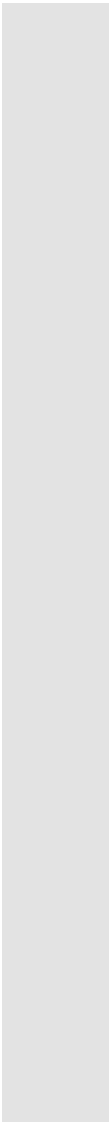
RESEARCH QUESTION

What is the compliance percentage of nursing practices in relation to communication with patient, patient safety measure, infection control measures and vital registration ?



OBJECTIVE

To determine the compliance percentage of nursing practices in relation to communication with patient, patient safety measure, infection control measures and vital registration



METHODOLOGY

Study Setting

Medical Wing of Thumbay Medical and Dental Speciality Center, Sharjah which is a constituent unit of Thumbay Group has various department such as Outpatients, pharmacy, radiology and laboratory facility. The present study was conducted in the Outpatient department and laboratory.

Study design

Cross Sectional study based on direct observation of nurse patient interaction.

Study Duration

April -May 2019

METHODOLOGY

Study Participants

The study included patients coming for the treatment in the Medical Wing of Thumbay Medical and Dental Speciality Centre.

Inclusion Criteria:

- Patient coming for OPD consultation, laboratory investigation and medication administration.

Exclusion criteria:

- Patient coming for OPD consultation, laboratory investigation and medication administration during evening and night hours.
- Follow up patients

METHODOLOGY

Sample Size: 130

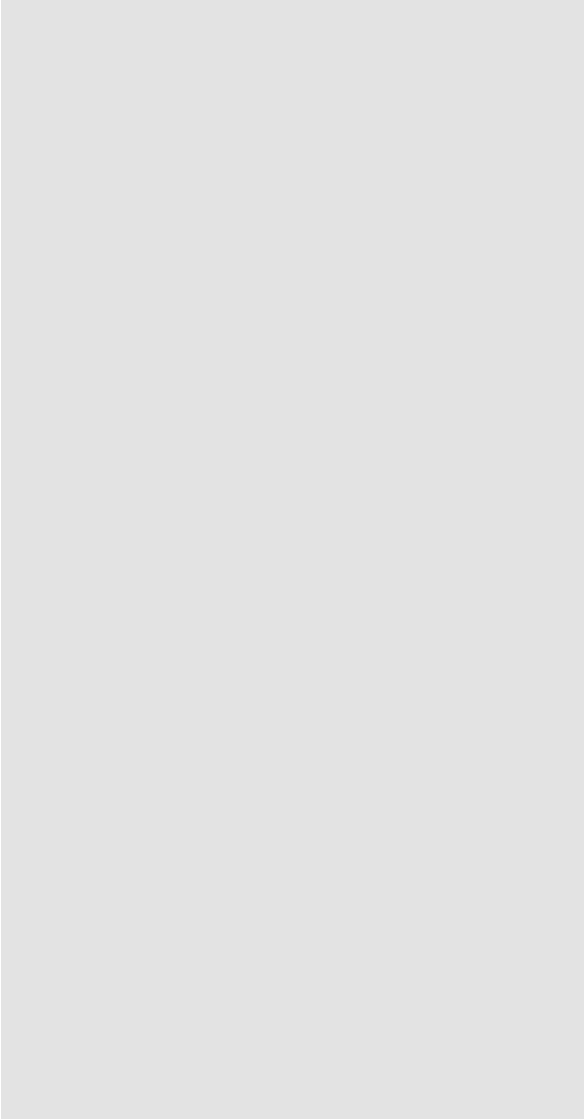
Sampling technique: Convenience sampling

Tool: Nursing practice assessment checklist

Data Collection: The interaction between the nursing staff and patient during vital registration, medication administration and blood sample collection was observed on the basis of the checklist.

NURSING PRACTICES ASSESSMENT CHECKLIST

Sr. No	Parameters	Compliance	Non Compliance
1	COMMUNICATION WITH PATIENTS		
	Use of appropriate verbal/non-verbal behaviour (according to individual, age, culture)		
	Active listening		
	Avoid medical jargons		
	Explaining intervention to obtain verbal consent		
2	PATIENT SAFETY		
2.1	Patient identification		
	Use of patient identifiers		
2.2	Medication administration		
	Patch test done to check whether the patient is allergic to the medicine or not		
	Check the expiry date of the medicine to be administered		
	Ensures: Right medication, Right dose, Right route with the prescription.		
	Aseptic conditions maintained during administration of medication		
3	INFECTION CONTROL		
	Hand hygiene practices		
	Biomedical waste management		
	Use of PPE wherever indicated		
4	RECORD OF VITALS		
	Measurement of Blood Pressure		
	Measurement of Pulse		
	Measurement of Temperature		



RESULTS

COMMUNICATION

Use of appropriate behavior
Active listening
Avoid medical jargons
Explaining intervention to obtain...

COMPLIANCE PERCENTAGE

65%

100%

100%

58%

PATIENT SAFETY

Use of patient identifiers
Patch test
Check the expiry date
Ensures : Right medication, Right...
Maintaining Aseptic conditions

78%

100%

100%

100%

70%

INFECTION CONTROL

hand hygiene practices
Disposal of biomedical waste
Use of PPE wherever indicated

68%

95%

70%

RECORD OF VITALS

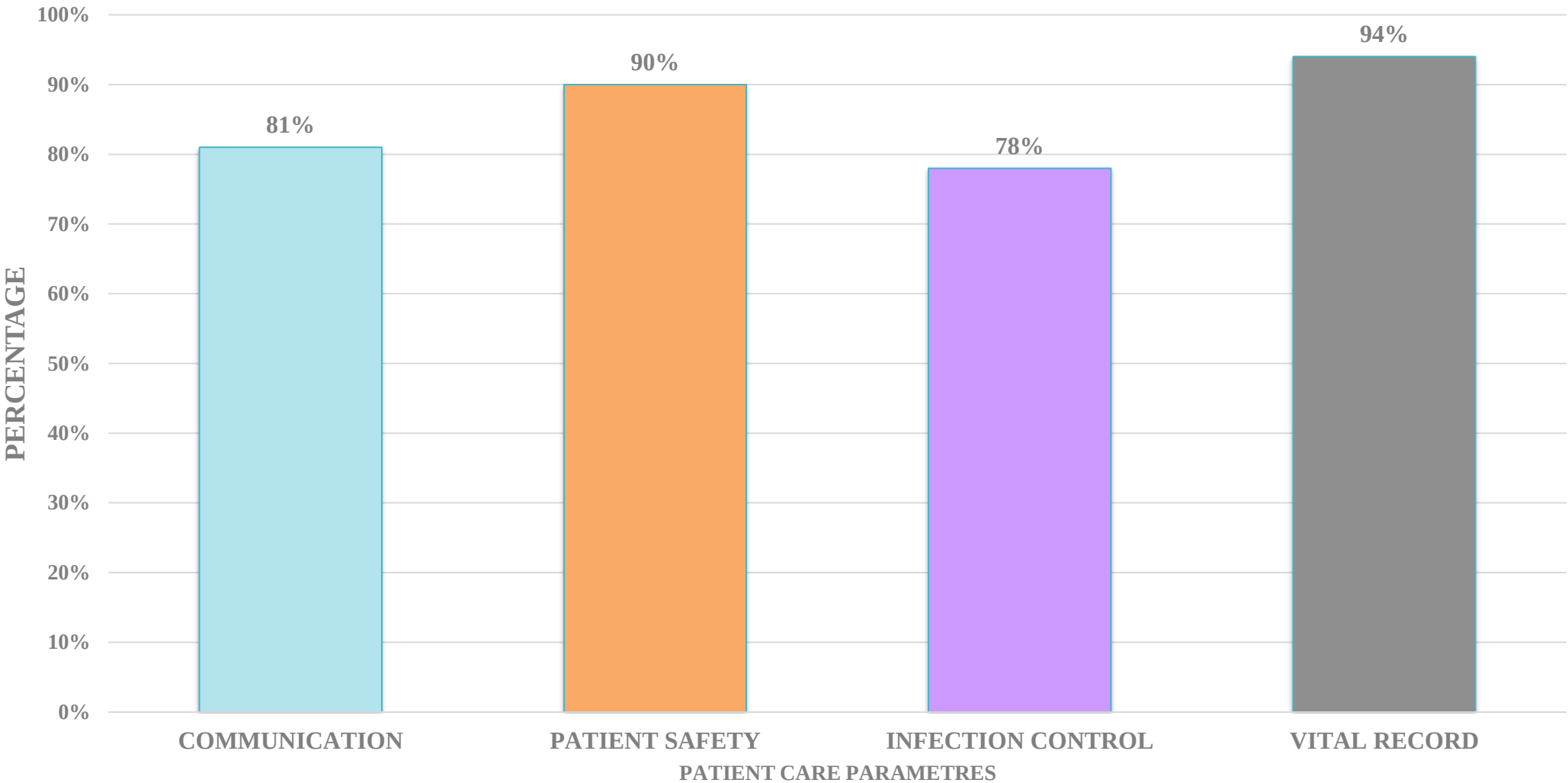
Measurement of Blood Pressure
Measurement of Pulse
Measurement of Temperature

94%

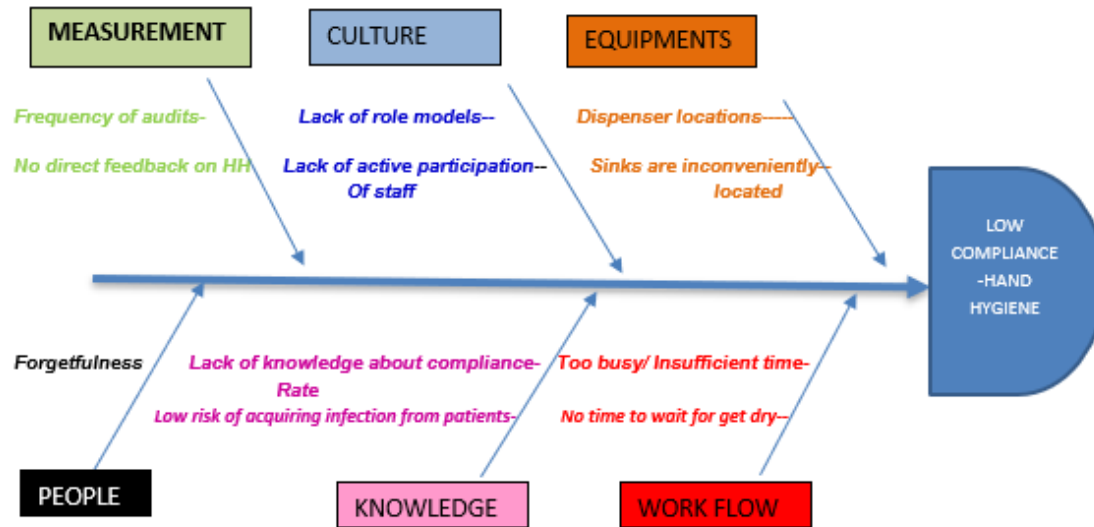
94%

94%

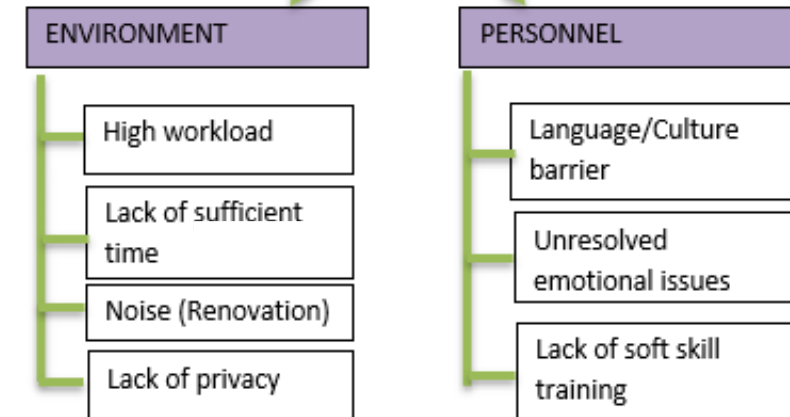
CUMULATIVE COMPLIANCE



Barriers to effective communication



BARRIERS TO EFFECTIVE COMMUNICATION IN NURSING

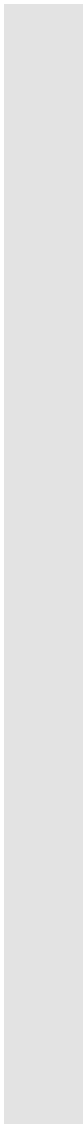


Reasons for low compliance of hand hygiene practices

CONCLUSION

The compliance on communication with the patient and infection control practices was lower than other parameters.

The main reason can be attributed to lack of application of knowledge during patient care practices.



INTERVENTION

Training and Education workshop

- A Two-day training and education program.
- Training and education included following topics:
 - ✓ Prevention of Healthcare Associate Infections
 - ✓ Awareness about the “5 moments for Hand Hygiene” (WHO)
 - ✓ Hand washing – products, indications, glove use and technique

Audit and Feedback

Hand hygiene auditing
using WHO Hand Hygiene
Observation Audit Tool

World Health Organization			Patient Safety A World Alliance for Safer Health Care			SAVE LIVES Clean Your Hands		
Observation Form								
Facility:			Period Number*:			Session Number*:		
Service:			Date: (dd/mm/yy)			Observer: (Initials)		
Ward:			Start/End time: (hh:mm)			Page N°:		
Department:			Session duration: (mm)			City**:		
Country**:								
Prof.cat Code N°			Prof.cat Code N°			Prof.cat Code N°		
Opp.			Opp.			Opp.		
Indication			Indication			Indication		
HH Action			HH Action			HH Action		
1			1			1		
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		

* To be completed by the data manager.
** Optional, to be used if appropriate, according to the local needs and regulations.

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WHO Geneva, August 2009. The Programme on Infection Control (PICO), in particular the members of the Infection Control Programme, for their active participation in developing this material.
Revised August 2009.

Reminders in the workplace

- Hand Hygiene campaign
- Video was shown to the staff about the importance of hand hygiene, to create awareness and remind staff to maintain regular and effective Hand Hygiene.
- All the staff sign the pledge to clean their hands at all appropriate times especially before and after patient care.

HAND HYGIENE CAMPAIGN



**Thumbay Medical & Dental
Speciality Centre - Sharjah** added
10 new photos to the album: **Hand
Hygiene Day.**

May 8 at 10:06 AM • 🌐

Let's Give Everyone a Clean Hand...

Thumbay Medical & Dental Specialty Centre Sharjah conducted Hand Hygiene Day on 5th May 2019. Spread the Awareness in all staffs and the patients.

"I Pledge to Clean My Hands"

**#HandHygiene #InfectionPrevention
#HealthForAll #ThumbayHospital #Sharjah**

SUGGESTIONS

- General and departmental orientation for newly hired nursing staff.
- Introducing Champion practices among the nursing staff.
- Refresher training and education programs
- Regular monitoring and immediate feedback to the staff.
- Reminders in the workplace like posters, leaflet, videos and other IEC materials being displayed at key points of the hospital like waiting area, reception, vital registration.
- Forming multidisciplinary Infection Control Team comprising physician, nurse, housekeeping and front desk associate.



THANK
YOU