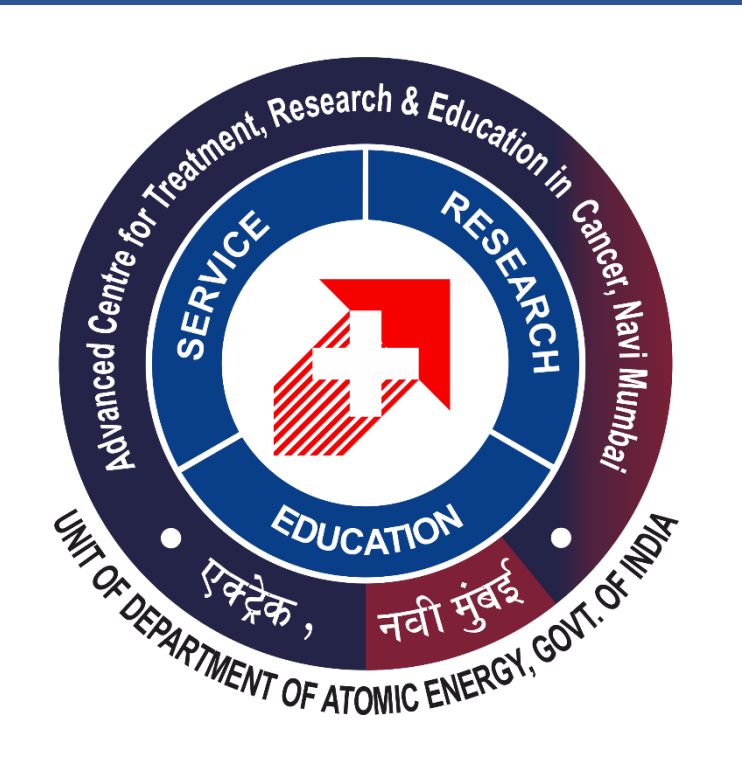
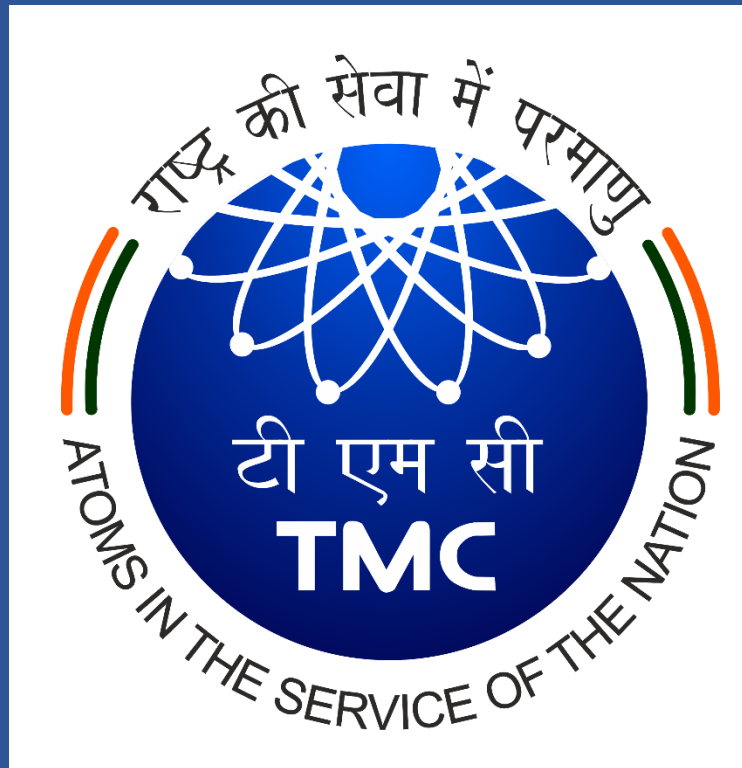


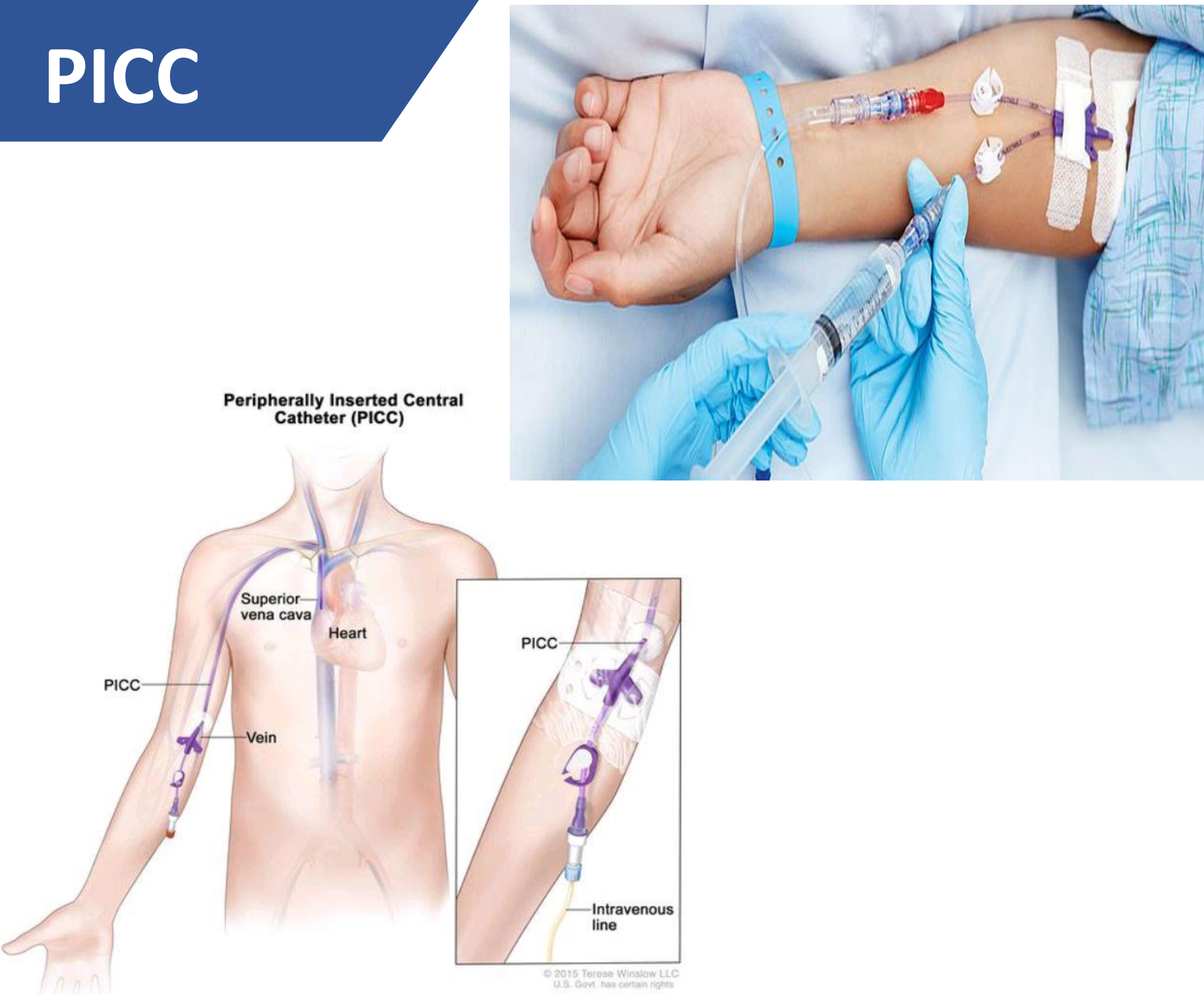


COMPLIANCE OF NURSES TO PERIPHERALLY INSERTED CENTRAL CATHETERS (PICC) FLUSHING AND DRESSING PROTOCOL

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PICC



Background

- Vascular access devices (VADs) such as peripherally inserted central catheters (PICCs) is essential and common components of modern healthcare practice. PICC are widely used for patients requiring medium to long-term intravenous therapy in the inpatient and outpatient settings. Despite many advantages, PICC-related complications can occur such as infection, thrombosis or mechanical complications.
- All participants handling PICC has been trained and therefore this study is to identify gap among nurses performing PICC Flushing and dressing.

Aim

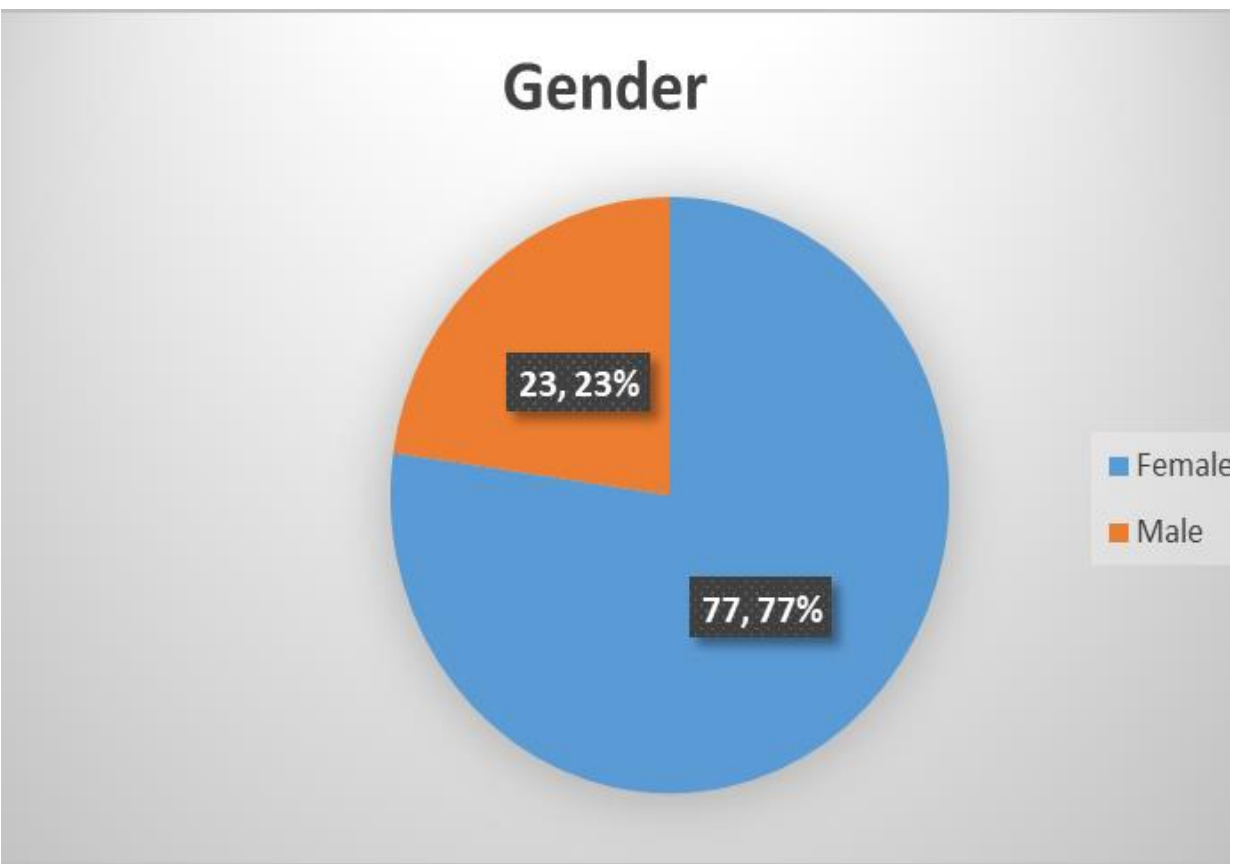
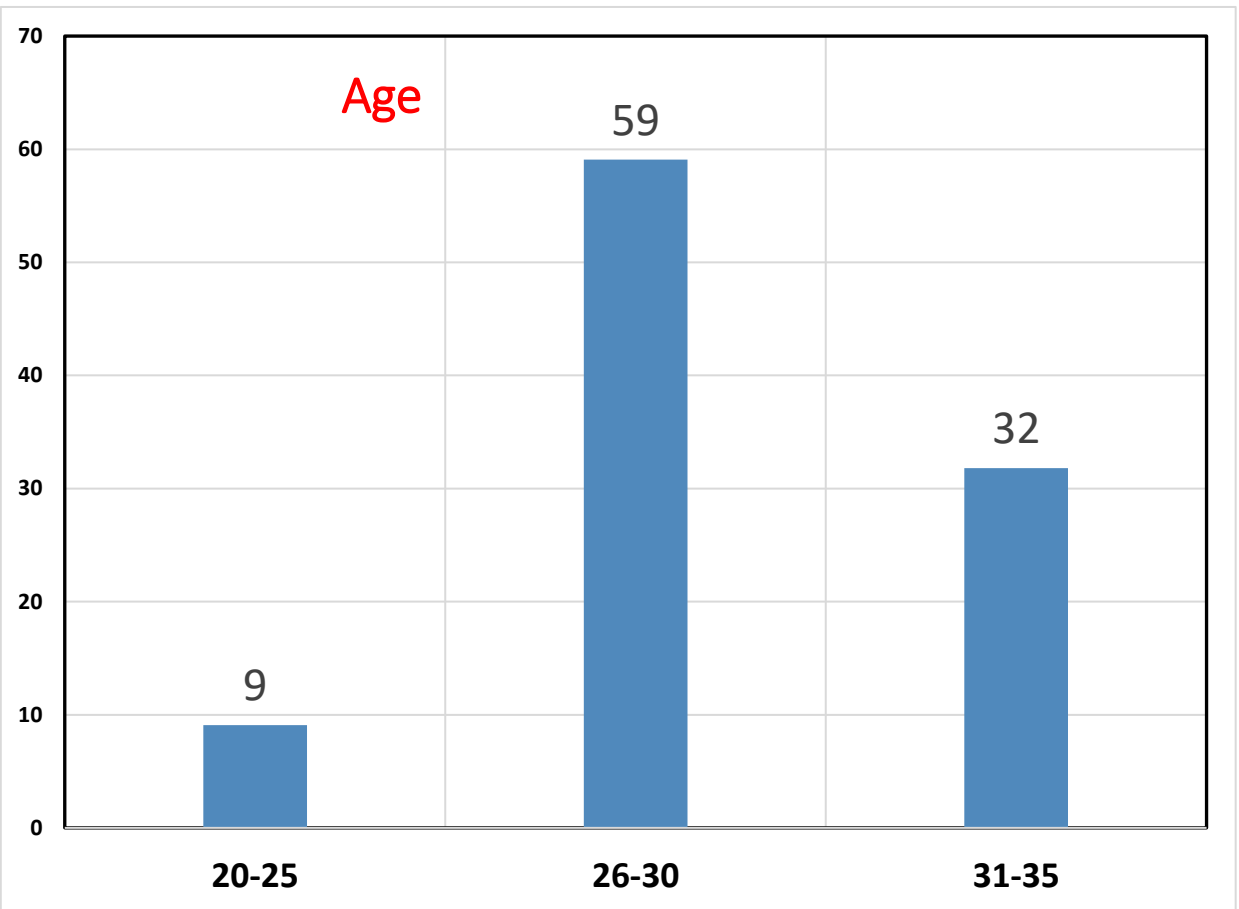
- 1. To identify gap among nurses performing PICC flushing & dressing.
- 2. To find association between demographic data & observed practices among nurses.

Methodology:

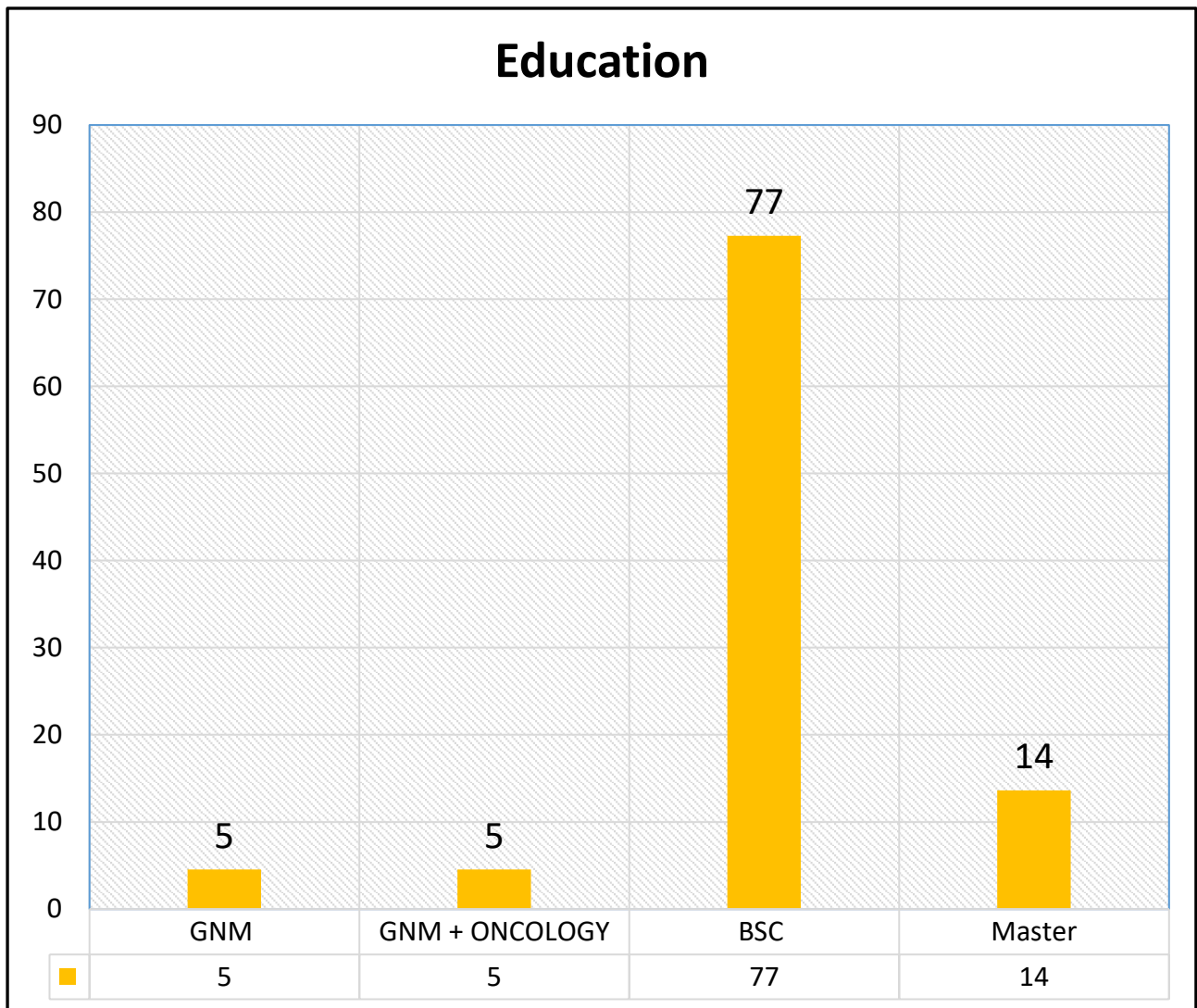
- Research design: - Prospective observational method.
- Sample: Nurses
- Sample size- 22
- Sampling technique- Non probability convenient sampling
- Tool- Structured checklist
- Technique- Observation
- Setting- Tertiary cancer care center
- Data analysis- Descriptive and inferential statistics

Results

Demographic data of participant :



- Majority of primary caregiver i.e. 59% were between the age group of 26-30 years.



- Majority of participant 77% were Female with Bsc Nursing and (82%) had < 5 years of experiences

Duration of experience with PICC Procedure:

Level	<1year (n=13)	1-2years (n=7)	5-10years (n=2)	Total (n=22)	p-value
No	9 (69.2)	4 (57.1)	0 (0.0)	13 (59.1)	
Yes	4 (30.8)	3 (42.9)	2 (100.0)	9 (40.9)	0.178

Majority of staffs had incomplete or no documentation (59%)

Level	<1year (n=13)	1-2years (n=7)	5-10years (n=2)	Total (n=22)	p-value
No	5 (38.5)	4 (57.1)	0 (0.0)	9 (40.9)	
Yes	8 (61.5)	3 (42.9)	2 (100.0)	13 (59.1)	0.336

It was noted that 40%staffs were not explaining procedure to the patients.

Duration of experience with PICC Procedure

Level	<1year(n=13)	1-2years (n=2)	5-10year (n=2)	Total (n=22)	P - Value
No	0(0.0)	0(0.0)	1(50.0)	1(4.5)	
Yes	13(100.0)	7(100.0)	1(50.0)	21(95.5)	0.005

- Duration of experience with PICC Procedure and cleaning of hub twice with 2% chlorhexidine gluconate has significant relationship with p value of 0.005

Conclusions

- Nurses compliance for PICC maintenance was satisfactory.Their practices were influenced by the availability of guidelines used in tertiary care hospital by nurses.
- Training & compliance is to be enhanced in right explanation and complete documentation.

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