



ISSN Print: 2394-7500  
ISSN Online: 2394-5869  
Impact Factor: 5.2  
IJAR 2017; 3(10): 153-155  
www.allresearchjournal.com  
Received: 21-08-2017  
Accepted: 22-09-2017

**K Ramya**

Department of Child Health  
Nursing, Narayana College of  
Nursing, Nellore,  
Andhra Pradesh, India

**Athira Babu**

Staff Nurses, Narayana  
Medical College Hospital,  
Nellore, Andhra Pradesh, India

**Indira S**

Department of Medical and  
Surgical Health Nursing,  
Narayana College of Nursing,  
Nellore, Andhra Pradesh, India

**Suganya**

Department of Child Health  
Nursing, Narayana College of  
Nursing, Nellore,  
Andhra Pradesh, India

**Dadam Revathi**

Department of Obstetrics and  
Gyneacology, Narayana  
College of Nursing, Nellore,  
Andhra Pradesh, India

**Samhita Jyothi**

Department of Child Health  
Nursing, Narayana College of  
Nursing, Nellore,  
Andhra Pradesh, India

**Correspondence**

**K Ramya**

Department of Child Health  
Nursing, Narayana College of  
Nursing, Nellore,  
Andhra Pradesh, India

## Knowledge regarding oral hygiene among staff nurses and nursing students

**K Ramya, Athira Babu, Indira S, Suganya, Dadam Revathi, Samhita Jyothi**

**Abstract**

**Back ground:** Oral hygiene is very important inevitable part of personal hygiene, necessary to maintain a healthy life. Importance of oral hygiene has been followed since the organ period and even long back hence hygiene is embedded in Indian culture.

**Aim:** To compare the level of knowledge regarding oral hygiene among staff nurses and nursing students.

**Material and method:** Study conducted by using the descriptive design, using Convenience sampling technique.

**Statistical Analysis Used:** The collected data was organized, tabulated, analyzed and interpreted by using descriptive and inferential statistics based on the objectives of the study.

**Results and Conclusion:** the study results reveals that level of knowledge of staff nurses regarding oral hygiene, 1(6.7 %) of staff nurses have inadequate knowledge, 10(66.7%) of staff nurses have moderate knowledge and 4(26.6%) of staff nurses have adequate knowledge and the level of knowledge of student nurses regarding oral hygiene In this 10(66.7%) of student nurses have inadequate knowledge, 4(26.6%) of student nurses have moderate knowledge and 1(6.7%) of staff nurses have adequate knowledge.

**Keywords:** Oral hygiene, staff nurse, student nurses

**Introduction**

Oral hygiene is very important inevitable part of personal hygiene, necessary to maintain a healthy life. Importance of oral hygiene has been followed since the organ period and even long back hence hygiene is embedded in Indian culture.

The nurse or care giver may need to assist or perform brushing and flossing for client who are unable to do so. Encouraging regular brushing and flossing contribute to the prevention of caries and help prevent the loss of teeth. Providing mouth care also permits assessment of oral cavity. Other oral hygiene measures include cleansing and moisturizing the oral mucosa by rinsing with water, saline, dilute mouth wash, hydrogen peroxide are commonly used for oral care.

Oral hygiene is the practice of keeping the mouth care and teeth clean to dental problem, most commonly dental caries, gingivitis ,and bad breath. There are also oral pathologic condition in which good oral hygiene is required for healing and regeneration of the oral tissue. These condition included gingivitis, periodontitis and dental trauma such as subluxation oral cyst and following wisdom tooth extracts.

Maintaining oral hygiene should be a lifelong habit. An infant's gum and later, should be keep clean by wiping them with a moist cloth as a soft brush. However, only a very small amount of tooth paste containing fluoride should be used since, too much fluoride may be to infants. An adult who has partial or full denture should also maintain good oral hygiene.

**Objectives**

- To compare the level of knowledge regarding oral hygiene among staff nurses and nursing students.
- To find out association between the level of knowledge regarding oral hygiene among staff nurse and nursing students with their selected demographic variables.

**Detailed Research Plan**

- **Research Approach:** Quantitative Approach.
- **Research Design:** descriptive design.
- **Research Setting:** The study was conducted in narayana medical college hospital, at Nellore.
- **Sampling Technique:** Convenience sampling technique

- **Sample Size:** The sample size of the study is 15 staff nurses and 15 nursing students in Narayana Medical College Hospital and Narayana Nursing Institution Nellore.

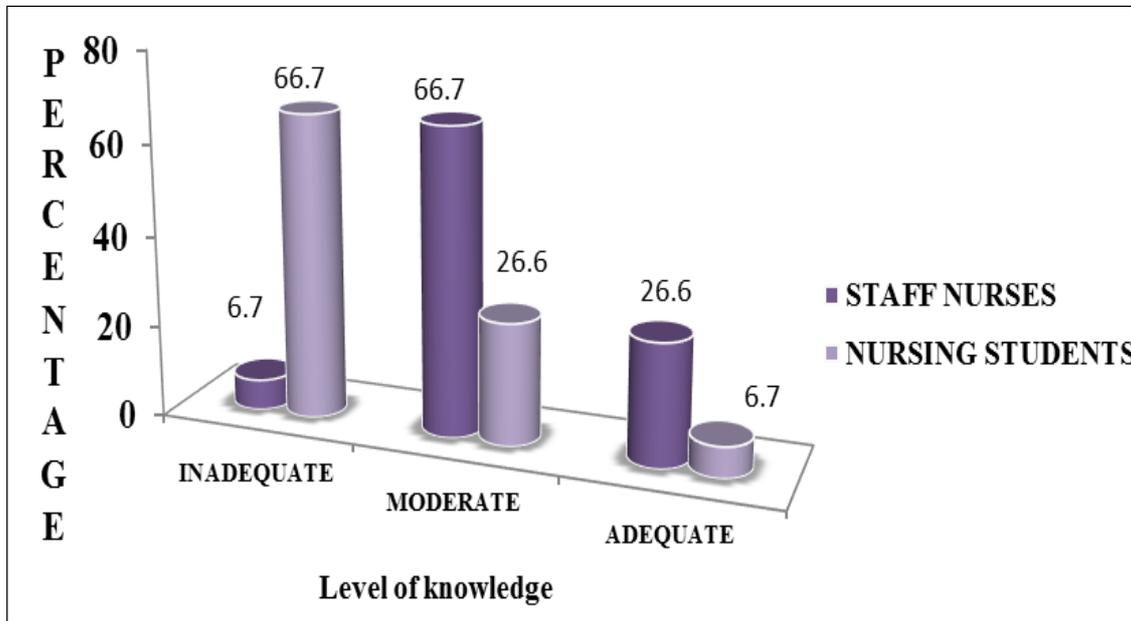
**Results and Discussion**

**Table 1:** Comparison of level of knowledge regarding oral hygiene between staff nurses and nursing students. n=30

	Staff nurses		Nursing students	
	F	%	F	%
Inadequate	1	6.6	10	66.6
Moderate	10	66.7	4	26.7
Adequate	4	26.7	1	6.7
Total	15	100	15	100

Table: 1 shows that the level of knowledge of staff nurses regarding oral hygiene. In this 1(6.7 %) of staff nurses have inadequate knowledge, 10(66.7%) of staff nurses have moderate knowledge and 4(26.6%) of staff nurses have adequate knowledge and the level of knowledge of student

nurses regarding oral hygiene In this 10(66.7%) of student nurses have inadequate knowledge, 4(26.6%) of student nurses have moderate knowledge and 1(6.7%) of staff nurses have adequate knowledge.



**Fig 1:** Percentage distribution of staff nurses and nursing students based on level of knowledge.

To find out association between the level of knowledge regarding oral hygiene among staff nurse and nursing students with their selected demographic variables.

There is a significant association between level of knowledge of staff nurses regarding oral hygiene among staff nurses with their selected socio demographic variables in that The table show that age ,educational qualification were significant and experience , source of information , and attended any workshop were non-significant.

There is a association between level of knowledge of nursing students regarding oral hygiene among nursing students with their selected socio demographic variables in that source of information was significant and age, attended any workshop were non-significant.

**Conclusion**

The study concluded that compare the level of knowledge between the staff nurses and nursing students, staff nurses have moderate knowledge than the nursing students regarding oral hygiene.

**References**

1. Indira Vanguri's. Nursing research and statistics. Second Edition. Frontline publication.
2. Koziar&Erb's "text book of Fundamentals of Nursing (2008) 8<sup>th</sup> edition, published by Dorling Kindersley.
3. Potter and Perry "text book of fundamentals of nursing (2005) 6<sup>th</sup>edition, published by Elsevier.
4. Ruth F. Craven Constance J. Hirnle "text book of Fundamentals of 1. Ramseier ca, 2010, oral hygiene [http://en.wikipedia.org/wik/oral hygiene](http://en.wikipedia.org/wik/oral%20hygiene) Retrieved on 23-3-2015.
5. David J. Astrom, 2010. [www.mothhealthy.org/en/az-topics/o/oral health](http://www.mothhealthy.org/en/az-topics/o/oral%20health) Retrieved on 12-3-2015
6. Petersen pe, B, 2010. [www.diabetes.org/living-with...oral care/oral health and](http://www.diabetes.org/living-with...oral%20care/oral%20health%20and).
7. Bauroth K, others: The efficacy of an essential oil antiseptic mouthwash vs. dental flossing in controlling interproximal gingivitis:a comparative study, j am dental assoc. 2003; 134(3):359-365.

8. Gadbury-Amyot CC, others: Prioritization of the National Dental Hygiene Research Agenda, *J dental hyg.* 2002; 76(2):157.
9. Suganya V, Phebe Thomas, Education on prevention of nosocomial infection among staff nurses at neonatal intensive care unit in Sri Ramakrishna hospital, Coimbatore.
10. Suganya V, Suganthi M, Sella Kumar. Effectiveness of oil massage therapy on weight and neurobehavioral response among LBW infants, published in *international journal of science and research.* 2015; 4(5):2999-3002.
11. Suganya V. Case report on status asthmaticus. *Narayana nursing journal.* 5(2):2016.
12. Ramya K, Dadam Revathi, Rama Harika B, Athira Babu. A study to assess the knowledge regarding catheterization among staff nurses and nursing students in Narayana medical college hospital, Nellore, published in *International Journal of Applied Research.* 2016; 2(10):322-324.
13. Ramya K, Dr. Indira S. A study to assess the knowledge regarding recording and interpretation of blood pressure among staff Nurses and Nursing students in Narayana Medical college and Hospital published by *Nurses of India.* 2016; 17(7):16-17.
14. Ramya K, Dr Indira S. A study to assess the knowledge regarding recording and interpretation of respiration of staff nurses and nursing students in Narayana Medical College and Hospital, Nellore. Published in *Nightingale Nursing Times.* 2016; 9(2):37-38.
15. Ramya K, Dr. Indira S. An exploratory study to assess the factors contributing to childhood obesity among school children at Narayana Medical College and Hospital, Nellore. Published *nurses of India.* 2016; 16(7):21-22.
16. Ramya K, Dr. Indira S. A study to assess the knowledge of mothers regarding care of low birth weight babies in Narayana Medical College and Hospital, Nellore published in *Narayana nursing Journal.* 2016; 4(2):29-3.
17. Ramya K, Dr. Indira S. A study to assess the effectiveness of video teaching programme on immunization regarding knowledge among the mothers of under five children admitted in paediatric wards of RMMCH at Nellore published in *Narayana nursing Journal.* 2014, 2(2).