

ORIGINAL RESEARCH**A descriptive study to assess the effectiveness of structured teaching programme on knowledge regarding kangaroo mother care among staff nurses of Rajindra Hospital Patiala****¹Ravinder Kaur, ²Raksha, ³Puneet Gill**^{1,2}Lecturer, ³Assistant Professor, Desh Bhagat University Mandi Gobindgarh, Punjab, India**Correspondence:**

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Abstract

A descriptive study to assess the effectiveness of structured teaching programme on knowledge regarding kangaroo mother care among staff nurses of Rajindra Hospital Patiala. Conclusion Further the enhancement of mean knowledge was found to be 83.67% from pre-test to post-test. The statistical paired t' test was found to be 38.006* indicating significant enhancement of knowledge score from pre-test to post-test at P<0.005 revealing the effectiveness of structured teaching programme regarding kangaroo mother care

Key words: Teaching, Effectiveness, Knowledge kangaroo Mothers, Nurses**Introduction**

Kangaroo Mother Care is a simple, easy method of caring for newborn infants where the mother uses her own body temperature to keep her infant warm. KMC provides the infant with the basic need for survival, i.e. mother's warmth, stimulation, breast milk, love and protection.

Need of study

Kangaroo Mother Care is a natural and innovative method of caring of newborns especially premature and low birth weight baby. It helps to reduce morbidity and mortality in LBW infants. Kangaroo mother care reduces the risk of hospital-acquired infection, hypothermia and it is also associated with increased weight gain, growth in length and rates of breastfeeding.

A descriptive study to assess the effectiveness of structured teaching programme on knowledge regarding kangaroo mother care among staff nurses of Rajindra Hospital Patiala.

Objectives

- To assess the pre-test knowledge score of staff nurses regarding kangaroo mother care among staff nurses of Rajindra Hospital Patiala.
- To develop and administer structured teaching programme.
- To assess the post-test score of the staff nurses on kangaroo mother care among staff

Delimitation

- Nurses of Rajindra Hospital Patiala.
- To find out the association between pre-test knowledge with selected socio demographic variables.

- and it is also associated with increased weight gain ,growth in length and rates of breastfeeding.
- The study was delimited to staff nurses of Rajindra Hospital Patiala.
- The staff nurses who are present at the time of data collection.

Research design

Descriptive research design

Research setting

Rajindra Hospital Patiala, Punjab

Target Population

Staff nurses (60) of Rajindra hospital Patiala

Sampling Technique

Purposive, Non probability sampling Technique

Sample size

N=60

Analysis and Interpretation of data

Descriptive analysis (frequency percentage, mean, standard deviation)

Inferential statistics (chi square test, Paired t-test)

Results

Section -1

Description of selected Demographic data

Sno	Demographic Characteristics		N	60
			f	%
1	Age			
	a.20-25		14	23.33
	b.26-30		15	25
	c.31-35		13	21.67
	d.35-40		10	16.67
	e.Above 40		8	13.33
2	Gender			
	a.Male			18.33
	b.Female			81.67
3	Source of information			
	a. Books		30	50
	b.Journals		19	31.63
	c. Internet		8	13.33
	d .Newspaper		3	5
4	Qualification			
	a. ANM		4	6.67
	b.GNM		37	61.67
	c. B.Sc.		12	20
	d. M.Sc.		7	11.67
5.	Experience			
	a.<5		21	35

	b.6 -10		23	38
	c.11-15		11	18
	d.>15		5	8.33
6.	Place of residency			
	a. Rural		28	46.67
	b. Urban		22	36.67
	c. Semi-urban		10	16.67
7.	Type of Family			
	a. Nuclear		32	53.33
	b. Joint		21	35
	c. Extended		7	11.67
8.	Income per Month			
	a.<30,000		13	21.67
	b.31,001-60,000		33	55
	c.60,001-90,000		12	20
	d.>90,001		2	3.33

Section-II

Pre –test knowledge level on kangaroo mother care among staff nurses of Rajindra Hospital Patiala.

Criteria measure of knowledge score

Level of knowledge score	score	frequency	% age	mean	SD
Excellent	23-30	0	0		
Good	16-22	0	0	10.3	2.144
Fair	8-15	53	83.33		
Poor	0-7	7	11.67		

Recommendations

Replication of the same study on large samples may help to draw conclusions that are more definite and generalize to a larger population.

A study can be conducted by including additional demographic variables.

A study to assess the effectiveness of structured teaching programme on knowledge regarding kangaroo mother care among staff nurses of Rajindera hospital Patiala.

Conclusion

Further the enhancement of mean knowledge was found to be 83.67% from pre-test to post-test. The statistical paired 't'test was found to be 38.006*indicating significant enhancement of knowledge score from pre-test to post-test at $P < 0.005$ revealing the effectiveness of structured teaching programme regarding kangaroo mother care.

There was significant association between the levels of score of staff nurses with their knowledge and experience demographic variables and with other demographic variables there is no association. The calculated chi square were less than table value at the 0.05 level of significance for staff nurses. Hence, the hypothesis (H2) was accepted

References

Reference list of books

1. Dutta P(2013) Paediatric nursing 3rd edition New Delhi: Jaypee brothers medical publishers; page No. 107.
2. Park K (2007) Textbook of preventive and social medicine (19th edition) Jabalpur Banarasdas Bhanot Publication page number 427.

3. Pilot DF and beck C T (2004) nursing Research and principles methods (7 edition) open Philadelphia Lippincott Williams and Wilkins Company Ltd.
4. Wong DL (1995) nursing care of infants and children's (5th edition Missouri Mosby Publication. page no: 387

List of journals

5. Adizitey SP wambego M 2017 in brackets knowledge and attitude of nurse in the Tamil Metropolis towards Kangaroo Mother Care (KMC). A Medical Health science vol. 7 issue number 1) page number 454-459.
6. Anil Narang PS Sandesh Kiran and Praveen Kumar (2005) cost of new natal care in a tertiary care centre Indian paediatrics 2005 vol, 42 ,page number 989-997
7. Batra Kiran Mamta 2014 effectiveness of structured teaching protocol on knowledge related kangaroo mother care among staff nurses. Nursing and midwifery research journals volume10 issue 3 page no. 100 -105
8. Bera Alpanamayi ,Ghoes jagahbandhu singh kauarendhu (2014),Effect of Kangaroo care on vitals physiological parameters of the low birth weight new born: Indian journals community medicine, volume no. 39 issue no. 4, page no.245-249.
9. Cattaneo A, Davanzo R,Uxa F(1998) Recommendation for the implementation on kangaroo mother care for low birth weight infants ,Act a paediatrics, volume 87,page no. 440-5.
10. Chan G, Valsankar B.(2016) what is kangaroo mother care ? Systematic review literature journals of global health, volume no.6, issue (1) page no. 1-5.