Original Research Paper

Nursing

EFFECTIVENESS OF STRUCTURED TEACHING PROGRAMME ON KNOWLEDGE AND ATTITUDE ON BRADLEY METHOD DURING CHILDBIRTH AMONG HUSBAND OF ANTENATAL MOTHERS IN SELECTED HOSPITAL, CHENNAI.

Mrs. Subasri Dinesh	MSC Nursing, MBA, PhD Scholar, The Tamilnadu Dr. M.G.R. Medical University, Chennai- 32.
Dr. Susila. C.	MSC Nursing, PhD Nursing, Principal, Billroth College of Nursing, Chennai-95.

ABSTRACT A study was conducted to determine the effectiveness of STP Knowledge and attitude on Bradley Method during Childbirth among Husband of Antenatal Mothers in Selected Hospital, Chennai. The quasi experimental one group pre-test posttest design was used for the study. 30 samples were selected from Dr. Kamakshi Memorial Hospital, Chennai by using Probability systematic random sampling technique. The demographic data was collected by using Interview basis. Pretest was conducted by using structured questionnaire and followed by administration of PowerPoint presentation teaching. Posttest was conducted after one week by using same questionnaire. Considering knowledge score, on an average, husbands are improved their knowledge score from 55.97 to 80.20 after the administration of intervention. Difference is 24.23, this difference is statistically significant. Statistical significance was calculated by using student's paired 't'test. Considering Attitude score, on an average, husbands are improved their attitude score from 57.10 to 81.80 after the administration of intervention. Difference is 24.70, this difference is statistically significant. Statistical significance was calculated by using student's paired 't'test. Hence the study concluded that STP were effective in improving the knowledge and attitude regarding Knowledge and attitude on Bradley Method during Childbirth among Husband of Antenatal Mothers.

KEYWORDS : Bradley method, Childbirth, Structured teaching Programme, Antenatal mothers.

INTRODUCTION

The Bradley method of natural childbirth otherwise termed as "husband-coached childbirth" is a method of natural childbirth developed in 1947 by Robert A. Bradley, M.D. (1917–1998) an obstetrician & gynecologist, and popularized by his book Husband-coached childbirth, first published in 1965. There are many educational options parents can consider if they are hoping to have a medication-free childbirth experience in Bradley method The Bradley Method of Childbirth teaches the couple how to manage labor pain and achieve a successful outcome without using any pain killer medications during childbirth. By attending this Bradley method of complete sessions regarding prenatal nutrition, exercise, relaxation and breathing techniques, the partner will realize the real meaning of the pregnancy, which helps them prepare for childbirth stay from departure from home to hospital. After exploring the Bradley method of childbirth by themselves, the majority of husbands soulfully support their partner during pregnancy and childbirth with proper education from the experts or certified childbirth educator. Now a days, Pregnant women are paramount of each family, who will be looked after by everyone to acquire positive impact in childbirth. All encouragement around her that makes her more confident, trust her body and stressless mind and thoughts toward her delivery with no pain medicines.

Objectives Of The Study

To assess the knowledge on Bradley method during childbirth among husband of antenatal mothers before and after the administration of Structured Teaching Programme.

To develop and administer Structured Teaching Programme on knowledge regarding Bradley method during childbirth among husband of antenatal mothers.To determine the effect of Structured Teaching Programme on knowledge regarding Bradley method during childbirth among husband of antenatal mothers.

To find out the association between Pre- test and Post-test knowledge score with selected demographic variables such as age, religion, education, occupation, monthly income, and marital status. among husband of antenatal mothers.

Research Hypothesis

H1 There will be no significant between pre and post-test knowledge and attitude score among husband of antenatal mothers on Bradley method during childbirth.

H2 There will be significant between pre and post-test knowledge and attitude score among husband of antenatal mothers on Bradley method during childbirth.

Research Methodology

Research methodology systematizes all elements of the study in a manner that is most likely to lead to valid responses to the issues to be addressed.

Research approach:

In the present study an evaluative research approach was used to assess the knowledge on Bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai.

Research design:

The research design selected for study was a one group pre-test posttest quasi experimental design was best suited to find the knowledge and attitude on Bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai.

Variables under study:

A concept which can take on different qualitative values is called a variable.

Independent Variable

Structured teaching programme Dependent Variable Knowledge on Bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai.

Population:

The population of the present study consists of husband of antenatal mothers during childbirth in selected hospital, Chennai.

Sample and sample size:

The sample of the present study includes husband of antenatal mothers during childbirth in selected hospital, Chennai. The sample size of the present study comprises of 60

numbers.

Sampling technique:

Sampling refers to the process of selecting the portion of population to represent the entire population. Probability systematic random sampling technique was adopted for the present study.

Criteria for Sample Selection
Inclusion criteria

Who plan to come to the same selected setting for their delivery.

Who are willing to participate in the study.Who are able to respond Tamil or English. Exclusion criteria
- who are not willing to participate in the study.
- who are sick at the day of data collection time.

MATERIALS AND METHODS

A pre-experimental one group pretest posttest study was conducted to effectiveness of structured teaching programme on knowledge on husband coached birth or Bradley method during childbirth among husband of antenatal mothers. 60 sample were selected by systematic random sampling technique.

After obtaining permission from Principal and Ethical committee and HOD of Obstetrics and Gynaecological Nursing, Dhanvantri College of Nursing, Namakkal. Before the data collection a formal permission was obtained from the Medical Director from Dr. Kamakshi Memorial Hospital and RKP Hospital Pallikkaranai, Chennai for main study. The researcher introduced herself and established a rapport with husband of antenatal women. The researcher explained the purpose of the study and reassured the data collected would be kept confidental.

The researcher has developed an interview schedule after reviewing the literature and considering the opinion of obstetrics and gynecology nursing experts. The description of demographic variables includes age, Husband education, Occupation of Husband, wife's age, wife's education, Wife's Occupation, type of family. The questionnaire was distributed to assess the knowledge on husband coached birth or Bradley method during childbirth among husband of antenatal mothers.

It consists of 20 questions related to assessment of knowledge and 20 question related to attitude among husband about Bradley method during childbirth. After the pretest, education was given through power point presentation about 45 minutes and issued booklets which consists of Prenatal nutrition, exercise, Relaxation for easier birth, Partner as coaches, meaning of labor and stage, Breathing exercise and Birth plan. Posttest was conducted on the next day to assess the effectiveness of teaching in improving the knowledge on Bradley method during childbirth by using the same questionnaire. Data collected from 3-4 husband in a day, it looks 20-30 minutes to gain information from each sample.

Research Tool
Section-I: Demographic data
Section-II: Structured questionnaire to assess the knowledge and attitude on Bradley method.

Table1 : Demographic Profile

Demographic variables		Husband of antenatal mothers(n=30)	%
Age in years	18-25 Years	6	20.00%
	26-35 Years	10	33.33%
	36-45 Years	14	46.67%
	>45 Years	0	0.00%

Husband's education	School	0	0.00%
	Undergraduate	9	30.00%
	Postgraduate	21	70.00%
	Doctorate	2	6.67%
Husband's occupation	Unemployed	0	0.00%
	Farmer	0	0.00%
	Employed	25	83.33%
	Self-business	5	16.67%
Habits during their wife's pregnancy	Smoking	10	33.33%
	Drinking alcohol	0	0.00%
	Both	6	20.00%
	None	14	46.67%
Gave up their habits during their wife's pregnancy	Yes	14	46.67%
	No	16	53.33%
Wife's age	18-25 Years	6	20.00%
	26-35 Years	20	66.67%
	36-45 Years	4	13.33%
	>45 Years	0	0.00%
Wife's education	School	0	0.00%
	Undergraduate	11	36.67%
	Postgraduate	17	56.67%
	Doctorate	2	6.66%
Wife's occupation	Farmer	0	0.00%
	Employed	23	76.67%
	Self-business	7	23.33%
Type of family	Nuclear family	8	26.67%
	Joint family	16	53.33%
	Extended family	6	20.00%

Table 1 shows the demographic variables of Antenatal mothers those who are participated for the following study on "Effectiveness of structured teaching programme on knowledge on husband coached birth or bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai".

Table 2: Each Statementwise Percentage Of Pretest Knowledge Score During Labour And Delivery

sno	statements	stigma score				
		No. of questions	Min – max score	Mean stigma score	SD	% of mean score
1	I aware the importance of nutrition during third trimester for healthy baby.	1	1-5	3.00	.65	60.00%
2	I understand the significance of vaccinations during pregnancy	1	1-5	3.20	.57	64.00%
3	I know the warning signs of pregnancy and take her to hospital immediately.	1	1-5	2.53	.75	50.60%
4	I feel that I am well prepared for the role of birth partner after attending CBE Class.	1	1-5	2.63	.69	52.60%
5	I am aware about onset of labor	1	1-5	2.77	.52	55.40%

6	I know the difference between the true and false contraction.	1	1-5	2.77	.64	55.40%
7	I understand the behavior of labor mother during each stage of labor.	1	1-5	2.57	.57	51.40%
8	I understand the labor pain getting increase during progress of labor.	1	1-5	2.85	.61	57.00%
9	I will walk with her during ambulatory fetal monitoring.	1	1-5	2.57	.63	51.40%
10	I encourage her frequently to do breathing and relaxation technique throughout labor.	1	1-5	2.63	.64	52.60%
11	I massage her at back when she is in uncontrolled pain in labor.	1	1-5	2.83	.57	56.60%
12	I will assist her to feed and hydrate well during labor.	1	1-5	2.63	.74	52.60%
13	I feel that my partner is strong personality and good tolerance of pain with my presence and encouragement.	1	1-5	2.70	.74	54.00%
14	I will support her during pushing stage.	1	1-5	2.80	.61	56.00%
15	I will support my partner and my baby during immediate skin-to-skin contact.	1	1-5	2.87	.53	57.40%
16	I am interest to cut the umbilical cord of my baby.	1	1-5	2.70	.69	54.00%
17	I believe that being present at the birth is the best start to fatherhood.	1	1-5	2.80	.71	56.00%
18	I feel that unnecessary accompany makes my wife worsen	1	1-5	2.65	.71	53.00%
19	I want to present only for the birth and not the labor.	1	1-5	2.87	.65	57.40%
20	I will upset by seeing my wife while she is out of control.	1	1-5	2.63	.69	52.60%
TOTAL		20	20-100	55.00	3.35	55.00%

Table 2 shows each statement wise pretest knowledge score on Bradley method during childbirth among husband of antenatal mothers. They are having maximum knowledge score on "I aware the importance of nutrition during third trimester for healthy baby (60.00%)" and minimum knowledge score I know the warning signs of pregnancy and take her to hospital immediately. (50.60%). Overall percentage of knowledge score is 55.00%.

Table 3: Pretest Level Of Knowledge Score

Level of knowledge score	No. of husbands	%
Inadequate	6	20.00%
Moderate	24	80.00%
Adequate	0	0.00%
Total	30	100.0%

Table No.3 shows the level of knowledge score on Bradley method during childbirth among husband of antenatal mothers. In general, 20% of the husbands are having inadequate level of knowledge score, 80.00% of them having moderate level of knowledge score and none of them are having adequate level of knowledge score.

Table 4: Each Statementwise Percentage Of Pretest Attitude Score During Labour And Delivery

S. NO	Statements	Attitude score				
		No. of questions	Min – max score	Mean stigma score	SD	% of mean score
1	I should accompany with my partner for her ANC visits or checkup.	1	1-5	2.6	.47	52.00%
2	I will speak to doctor during ANC visits	1	1-5	2.67	.50	53.40%
3	I will read/ educate myself about pregnancy, childbirth, or infant care.	1	1-5	3.13	.63	62.60%
4	I show interest to feel fetal movements	1	1-5	2.93	.67	58.60%
5	I accompany her for walking/ exercising during pregnancy.	1	1-5	2.77	.80	55.40%
6	I buy food for her according to craving	1	1-5	2.83	.83	56.60%
7	I show interest in finding names for the child	1	1-5	2.93	.85	58.60%
8	I buy products for the newborn before delivery.	1	1-5	2.68	.55	53.60%
9	I provide emotional and financial support during pregnancy	1	1-5	2.83	.74	56.60%
10	I like to be present during the labour of my partner and at the time of baby birth.	1	1-5	2.83	.74	56.60%

11	My presence makes her more confident and comfort during labour and delivery.	1	1-5	3.08	.71	61.60%
12	I help my wife to calm her in labour pain.	1	1-5	2.97	.64	59.40%
13	I feel very embarrassed while accompany with my partner in labour.	1	1-5	2.73	.91	54.60%
14	When the partner is screaming, encouraging breathing exercise.	1	1-5	2.76	.69	55.20%
15	I feel my wife's family member's presence not important with my presence during labour and delivery.	1	1-5	3.02	.48	60.40%
16	I prefer to stay with my wife for future deliveries.	1	1-5	2.94	.80	58.80%
17	I can bear the screams of the patients and weeping relatives in my wife's room.	1	1-5	2.67	.80	53.40%
18	I feel that unnecessary accompany makes my wife worsen.	1	1-5	2.93	.72	58.60%
19	I understood healthcare personnel cooperation during Bradley method is imminent.	1	1-5	2.93	.85	58.60%
20	I will encourage Bradley classes for my family and members.	1	1-5	2.87	.67	57.40%
TOTAL		20	20-100	57.10	.82	57.10%

Table 4 shows each statement wise pretest attitude score on Bradley method during childbirth among husband of antenatal mothers. They are having maximum attitude score on "I will read/educate myself about pregnancy, childbirth, or infant care. (62.60%)" and minimum attitude score " I should accompany with my partner for her ANC visits or checkup (52.00%)". Overall percentage of attitude score is 57.10%.

Table 5: Pretest Level Of Attitude Score

Level of attitude score	No. of husbands	%
Poor	5	16.67%
Moderate	25	83.33%
Good	0	0.00%
Total	30	100.0%

Table No.5 shows the level of attitude score on Bradley method during childbirth among husband of antenatal mothers. In general, 16.67% of the husbands are having poor level of attitude score, 83.33% of them having moderate level of attitude score and none of them are having good level of attitude score.

Table 6: Each Statementwise Percentage Of Posttest Knowledge Score

S. No	Statements	Stigma score				
		No. of questions	Min – max score	Mean stigma score	SD	% of mean score
1	I aware the importance of nutrition during third trimester for healthy baby.	1	1-5	4.22	.66	84.40%
2	I understand the significance of vaccinations during pregnancy	1	1-5	4.09	.71	81.80%
3	I know the warning signs of pregnancy and take her to hospital immediately.	1	1-5	4.05	.78	81.00%
4	I feel that I am well prepared for the role of birth partner after attending CBE Class.	1	1-5	4.1	.73	82.00%
5	I am aware about onset of labor	1	1-5	3.56	.77	71.20%
6	I know the contraction difference between the true and false	1	1-5	4.19	.69	83.80%
7	I understand the behavior of labor mother during each stage of labor.	1	1-5	3.72	.86	74.40%
8	I understand the labor pain getting increase during progress of labor.	1	1-5	4.12	.76	82.40%
9	I will walk with her during ambulatory fetal monitoring.	1	1-5	3.84	.87	76.80%

10	I encourage her frequently to do breathing and relaxation technique throughoutla bour.	1	1-5	3.95	.76	79.00%
11	I massage her at back when she is in uncontrolled pain in labour.	1	1-5	4.12	.77	82.40%
12	I will assist her to feed and hydrate well during labor.	1	1-5	4.02	.71	80.40%
13	I feel that my partner is strong personality and good tolerance of pain with my presence and encourageme nt.	1	1-5	3.79	.69	75.80%
14	I will support her during pushing stage.	1	1-5	3.79	.78	75.80%
15	I will support my partner and my baby during immediate skin-to-skin contact.	1	1-5	4.05	.78	81.00%
16	I am interest to cut the umbilical cord of my baby.	1	1-5	4.03	.71	80.60%
17	I believe that being present at the birth is the best start to fatherhood.	1	1-5	4.08	.76	81.60%
18	I feel that unnecessary accompany makes my wife worsen	1	1-5	4.07	.71	81.40%
19	I want to present only for the birth and not the labour.	1	1-5	4.19	.70	83.80%
20	I will upset by seeing my wife while she is out of control.	1	1-5	4.22	.60	84.40%
TOTAL		20	20-100	80.20	.66	80.20%

Table 6 shows each statement wise knowledge score on Bradley method during childbirth among husband of antenatal mothers. They are having maximum knowledge score on "I aware the importance of nutrition during third trimester for healthy baby (84.40%)" and minimum knowledge score "I am aware about onset of labor (71.20%)". Overall percentage of knowledge score is 80.20%.

Table 7: Posttest Level Of Knowledge Score

Level of knowledge score	No. of husbands	%
Inadequate	0	0.00%
Moderate	8	26.67%
Adequate	22	73.33%
Total	30	100.0%

Table No.7 shows the level of knowledge score on Bradley method during childbirth among husband of antenatal mothers. In general, none of the husbands are having inadequate level of knowledge score, 26.67% of them having moderate level of knowledge score and 73.33 of them are having adequate level of knowledge score.

Knowledge score interpretation:
Min=1 Max=5 Total questions=20 Maximum score= 100

S no.	Grade	Percentage	Marks
1	Low	≤50 %%	≤ 50
2	Moderate	51 – 75%	51-75
3	High	76 – 100%	76-100

Table 8 Each Statementwise Percentage Of Posttest Attitude Score

S.No	statements	stigma score				
		No. of questions	Min – max score	Mean stigma score	SD	% of mean score
1	I should accompany with my partner for her ANC visits or checkup.	1	1-5	4.32	.66	86.40%
2	I will speak to doctor during ANC visits	1	1-5	4.30	.71	86.00%
3	I will read/ educate myself about pregnancy, childbirth, or infant care.	1	1-5	4.18	.78	83.60%
4	I show interest to feel fetal movements	1	1-5	4.18	.73	83.60%
5	I accompany her for walking/exerc ising during pregnancy.	1	1-5	4.22	.77	84.40%
6	I buy food for her according to craving	1	1-5	4.08	.69	81.60%
7	I show interest in finding names for the child	1	1-5	4.15	.86	83.00%
8	I buy products for the newborn before delivery.	1	1-5	4.28	.76	85.60%

9	I provide emotional and financial support during pregnancy	1	1-5	4.15	.87	83.00%
10	I like to be present during the labour of my partner and at the time of baby birth.	1	1-5	3.97	.76	79.40%
11	My presence makes her more confident and comfort during labour and delivery.	1	1-5	4.22	.77	84.40%
12	I help my wife to calm her in labourpain.	1	1-5	3.82	.71	76.40%
13	I feel very embarrassed while accompany with my partner in labour.	1	1-5	3.95	.69	79.00%
14	When the partner is screaming, encouraging breathing exercise.	1	1-5	4.05	.78	81.00%
15	I feel my wife's family member's presence not importantwith my presence during labour and delivery.	1	1-5	3.97	.78	79.40%
16	I prefer to stay with my wife for future deliveries.	1	1-5	3.95	.71	79.00%
17	I can bear the screams of the patients and weeping relatives in my wife's room.	1	1-5	4.05	.76	81.00%
18	I feel that unnecessary accompany makes my wife worsen.	1	1-5	4.03	.71	80.60%
19	I understood healthcare personnel cooperation during Bradley method isimminent.	1	1-5	4.08	.70	81.60%
20	I will encourage Bradley classes for my family and members.	1	1-5	3.85	.60	77.00%
TOTAL		20	20-100	81.80	.66	81.80%

Table 8 shows each statement wise attitude score on Bradley method during childbirth among husband of antenatal mothers. They are having maximum attitude score on ''I should accompany with my partner for her ANC visits or checkup (86.40%)'' and minimum attitude score ''I help my wife

to calm her in labourpain. (76.40%)''. Overall percentage of attitude score is 81.80%.

Table 9: Posttest Level Of Attitude Score

Level of attitude score	No. of husbands	%
Poor	0	0.00%
Moderate	7	23.33%
Good	23	76.67%
Total	30	100.0%

Fig13 Table No.9 shows the level of attitude score on Bradley method during childbirth among husband of antenatal mothers. In general, none of the husbands are having poor level of attitude score, 23.33% of them having moderate level of attitude score and 76.67% of them are having good level of attitude score.

Table 10: Comparison Of Pretest And Posttest Knowledge And Attitude Score Before And After Structered Teaching Programme

	No. of Husbands	Pretest Mean±SD	Posttest Mean±SD	Mean difference Mean±SD	Student's paired t-test
knowledge Score	30	55.97 ± 3.35	80.20 ± 5.88	24.23 ± 8.98	t=19.05 P=0.001*** DF = 29, significant
Attitude score	30	57.10 ± 4.49	81.80 ± 4.28	24.70 ±6.95	t=20.16 P=0.001*** DF = 29, significant

*** very high significant at $P \leq 0.001$

Table 11: Association Between Posttest Level Of Knowledge Score And Husbands Demographic Variables

Demographic variables		Post-test level of knowledge score				n	Chi square test/yates corrected chi square test
		Moderate		Adequate			
		n	%	n	%		
Age in years	18-35 Years	1	6.25%	15	93.75%	16	c2=5.24 p=0.02*(S)
	36-45 Years	7	50.00%	7	50.00%	14	
Husband's education	Undergraduate	6	66.67%	3	33.33%	9	c2=7.80 p=0.01**(S)
	Postgraduate	2	9.52%	19	90.48%	21	
Husband's occupation	Employed	6	24.00%	19	76.00%	25	c2=0.25 p=0.62(NS)
	Self-business	2	40.00%	3	60.00%	5	
Habits during their wife's pregnancy	With habits	3	18.75%	13	81.25%	16	c2=0.40 p=0.52(NS)
	None	5	35.71%	9	64.29%	14	
Gave up their habits during their wife's pregnancy	Yes	3	21.43%	11	78.57%	14	c2=0.37 p=0.54(NS)
	No	5	31.25%	11	68.75%	16	
Wife's age	18-35 Years	6	23.08%	20	76.92%	26	c2=3.41 p=0.18(NS)
	36-45 Years	2	50.00%	2	50.00%	4	
Wife's education	Undergraduate	2	18.18%	9	81.82%	11	c2=1.78 p=0.41(NS)
	Postgraduate	6	31.58%	11	57.89%	19	

Wife's occupation	Employed	7	30.43%	16	69.57%	23	c2=0.72 p=0.40(NS)
	Self-business	1	14.29%	6	85.71%	7	
Type of family	Nuclear family	2	25.00%	6	75.00%	8	c2=0.49 p=0.78(NS)
	Joint /extended family	6	27.27%	16	72.73%	22	

Table no 11 shows the association between level of knowledge score and husbands demographic variables. 18- 35 years and postgraduate husbands are gained more adequate level of knowledge score than other. Statistical significance was calculated using chi square test.

Table 12: Association Between Posttest Level Of Attitude Score And Husbands Demographic Variables

Demographic variables		Post-test level of attitude score				n	Chi square test
		Moderate		Good			
		n	%	n	%		
Age in years	18-35 Years	1	6.25%	15	93.75%	16	c2=5.59 p=0.02*(S)
	36-45 Years	6	42.86%	8	57.14%	14	
Husband's education	Undergraduate	1	11.11%	8	88.89%	9	c2=0.31 p=0.57(NS)
	Postgraduate	6	28.57%	15	71.43%	21	
Husband's occupation	Employed	7	28.00%	18	72.00%	25	c2=0.59 p=0.44(NS)
	Self-business	0	0.00%	5	100.00%	5	
Habits during their wife's pregnancy	With habits	2	12.50%	14	87.50%	16	c2=1.13 p=0.28(NS)
	None	5	35.71%	9	64.29%	14	
Gave up their habits during their wife's pregnancy	Yes	2	14.29%	12	85.71%	14	c2=0.44 p=0.51(NS)
	No	5	31.25%	11	68.75%	16	
Wife's age	18-35 Years	5	19.23%	21	80.77%	26	c2=0.51 p=0.47(NS)
	36-45 Years	2	50.00%	2	50.00%	4	
Wife's education	Undergraduate	2	18.18%	9	81.82%	11	c2=0.01 p=0.95(NS)
	Postgraduate	5	26.32%	14	73.68%	19	
Wife's occupation	Employed	6	26.09%	17	73.91%	23	c2=0.20 p=0.66(NS)
	Self-business	1	14.29%	6	85.71%	7	
Type of family	Nuclear family	4	50.00%	4	50.00%	8	c2=4.33 p=0.05*(S)
	Joint/extended	3	13.63%	19	86.37%	22	

Table no 12 shows the association between level of attitude score and husbands demographic variables. 18-35 years, Joint/extended patients are having more level of attitude score than other. Statistical significance was calculated using chi square test.

Validity and Reliabilty

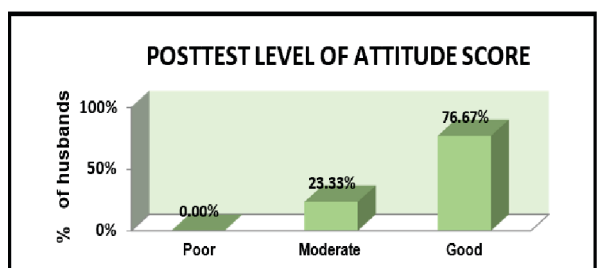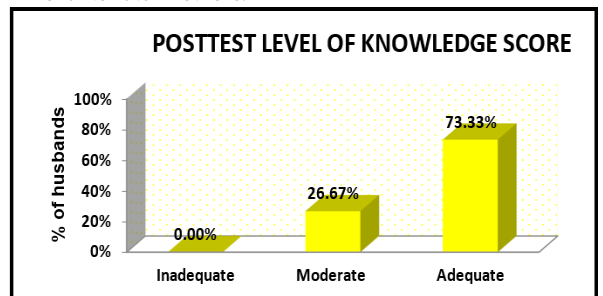After construction of questionnaire for "Effectiveness of structured teaching programme on knowledge on husband coached birth or bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai", it was tested for its validity and reliability.
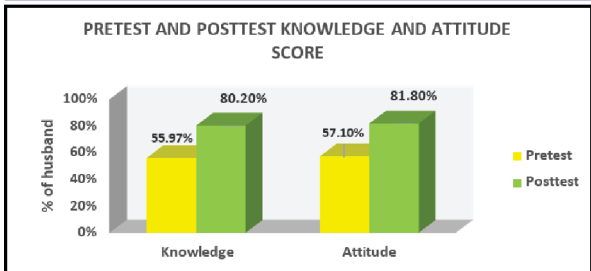
Validity of the tool was assessed using content validity. Content validity was determined by experts from Nursing and Medical. They suggested certain modifications in tool. After the modifications they agreed this tool for assessing Effectiveness of structured teaching programme on knowledge on husband coached birth or bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai.

After pilot study reliability of the tool was assessed by using Cron bach alpha method. Reliability correlation coefficient value for knowledge 0.82 and Attitude score reliability correlation coefficient value is 0.85. These correlation coefficients are very high and it is good tool for assessing Effectiveness of structured teaching programme on knowledge on husband coached birth or bradley method during childbirth among husband of antenatal mothers in selected hospital, Chennai.

Finding of the Study

- According to the age (20%) samples belong to 18-25 years, 33.3% samples belong to 26-35 years and majority 46.67% samples belong to 36-45years.
- According to husband's education, 30% samples were undergraduate, 6.67% samples were doctorate and majority 70% samples were postgraduate.
- Concerning to the type of family, 26.67% samples belong to nuclear family, majority of 53.3% samples belong to joint family.
- In pre-test majority of 80% samples have moderately adequate knowledge, 20% of husband have inadequate knowledge regarding Bradley mother on childbirth among husband of antenatal mothers. Concerning to attitude, majority of 83.3% samples have moderate attitude and 16.67% sample have poor attitude regarding Bradley mother on childbirth among husband of antenatal mothers, whereas in posttest, majority 73.3% husband have adequate knowledge and only 26.6% husband have moderately adequate knowledge and none of the husband have inadequate knowledge. In attitude, 76.67% samples showed good attitude and only 23.33% samples showed moderate attitude. It highlights that there is a significant improvement in the knowledge an attitude regarding Bradley mother on childbirth among husband of antenatal mothers.

POSTTEST LEVEL OF KNOWLEDGE SCORE

POSTTEST LEVEL OF ATTITUDE SCORE

PRETEST AND POSTTEST KNOWLEDGE AND ATTITUDE SCORE

CONCLUSION:

Bradley method of childbirth showed a significant, positive moderate correlation between knowledge gain score and attitude gain score which means knowledge score increases their attitude score also increases moderately. This study concludes that structured teaching programme is effective in increasing the knowledge and attitude regarding Bradley method during childbirth among husband of antenatal mothers.

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