

**NARAYANA COLLEGE OF NURSING**  
**REPORT OF ENRICHMENT COURSE ON INTRA UTERINE FETAL SURGERIES**  
**2-3 May, 2016**

An enrichment course was conducted on intrauterine fetal surgeries in Narayana College of Nursing on 2<sup>nd</sup> and 3<sup>rd</sup> of May, 2016. It was conducted by the Child Health Nursing Department. The course is planned for 10 hours with a detailed course plan. Students interested in the programme registered their names priorly for the course.

**Day 1:**

The course started with inauguration on 2<sup>nd</sup> May, 2016 by Dr.Indira.S, Principal, Narayana College of Nursing. After the prayer song, lamp was lit by the dignitaries of the programme.i.e., Ms.Rajeswari.H, Vice-principle, HOD, Dept of Psychiatric Nursing., Mrs.Radhika.M, Vice-Principal, HOD, Dept of Nursing Research., Mrs. Vanaja Kumari.B, HOD, Dept of Community Health Nursing., Mrs.Prathima, HOD, Dept of Obstetrics and Gynecology., Mrs.M.P.Menaka, HOD, Dept of Nursing Education., Ms. Elizabeth Jasmine. S, HOD, Dept of Nursing Foundation and Mrs. Suja Shamili, HOD, Dept of Nursing Management.

After lighting the lamp, the programme started with completing the pre-test followed by an introductory class and presentation by Dr. Indira.S. After introduction, Ms.Ramya, Associate Professor gave a thorough description of fetal growth in the womb of the mother with good video presentation. It was followed by explanation of diagnosis of fetal deformities in antenatal period and a detailed history of intra uterine fetal surgeries.

Following a break and distribution of snacks, Ms. Ruth Grace.M explained about the indications for fetal surgeries and classification of the surgeries. She has also discussed with beautiful videos about open fetal surgeries and FETENDO surgeries. The next type of surgeries is discussed by Asst. Professor. Samhitha.J, namely, EXIT and fetal endoscopic surgeries. The session ended with a review of the day's topics.

**Day 2:**

Next day the programme started enthusiastically with prayer song. Second day was divided into two sessions. In Session 1, Ms. Betty Lebona, explained about the anesthesia used for fetal surgeries. Ms. Rama Harika talked on problems related to anesthesia in pregnant women. Ms. Betty Lebona also explained about techniques to prevent preterm labour and the use of tocolytic agents. Mrs. Radhika. M, HOD, Dept of Nursing Research gave detailed information about fetal monitoring. Finally, Mrs. Suganya, Asst. Professor, discussed about the future of fetal surgeries and a complete picture of the role of a nurse before, during and after the fetal surgery.



After this session, an interactive session was carried out to test the students understanding. A post test was also conducted. Feed back is received for the participants and was positive.

Certificates were distributed to all the participants. Vote of thanks was proposed by Ms. Ruth Grace. M, followed by a National Anthem. The pre and post test results showed that there was enhancement in the knowledge of the students regarding intrauterine fetal surgeries.



**Table 1: Frequency and Percentage distribution of level of knowledge among participants in Pre-test (N=70)**

GRADE	PRE TEST	
	FREQUENCY (f)	PERCENTAGE (%)
A+	0	0
A	5	7.14
B+	23	32.86
B	32	45.72
C	10	14.28
<b>TOTAL</b>	<b>70</b>	<b>100</b>

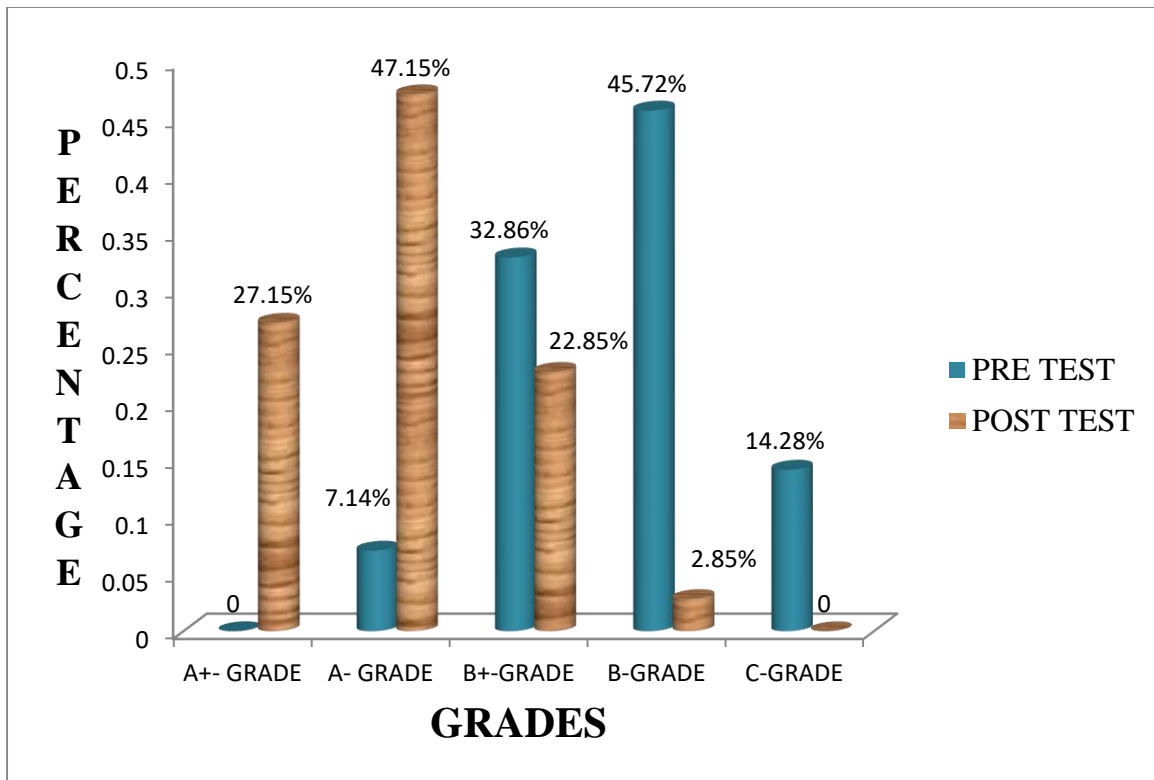
**Table 2: Frequency and Percentage distribution of level of knowledge among participants in Post test (N=70)**

GRADE	POST TEST	
	FREQUENCY (F)	PERCENTAGE (%)
A+	19	27.15
A	33	47.15
B+	16	22.85
B	2	2.85
TOTAL	70	100

**Table 3: Comparison of pre test and post test scores of level of knowledge among participants**

(N=70)

GRADE	PARTICIPANTS			
	PRE-TEST		POST TEST	
	FREQUENCY(F)	PERCENTAGE(%)	FREQUENCY(f)	PERCENTAGE(%)
A+	0	0	19	27.15
A	5	7.14	33	47.15
B+	23	32.86	16	22.85
B	32	45.72	2	2.85
C	10	14.28	-	-
TOTAL	70	100	70	100



**Percentage distribution Comparison of pre test and post test scores of level of knowledge among participants**

### **SCORE INTERPRETATION**

<b>GRADE</b>	<b>SCORE</b>	<b>PERCENTAGE (%)</b>
<b>A+</b>	<b>13-15</b>	<b>&gt;85</b>
<b>A</b>	<b>10-12</b>	<b>71-85</b>
<b>B+</b>	<b>7-9</b>	<b>61-70</b>
<b>B</b>	<b>4-6</b>	<b>51-60</b>
<b>C</b>	<b>Less than 4</b>	<b>&lt;50</b>

**Conclusion:** The majority of students scored “A” (19 students) and “A+” (33 Students) and there is no “C” grade as in pre-test 10 students had it. As post-test knowledge scores are higher than pre-test scores it is concluded that the program enriches the faculty and students.