

# Clinical study on fibroadenoma of the breast

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استاد راهنما: دکتر جهانگیری

تهیه کنندگان: دکتر یوسفی-دکتر صدری

A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against a blue background.

**Background:**

**Methods:**

**Results:**

**Discussion**

**Conclusions:**

**Reference**



**Background:** It is a benign encapsulated tumour occurring commonly in young females of 15 – 25 years of age

Presently it is considered as hyperplasia of a single lobule of the breast



**Methods:** The study was undertaken during the period August ۲۰۱۴ to August ۲۰۱۶, patients who attended surgical

outpatient as well as in patient of ESIC medical college hospital formed part of the study



**Results:** During the study period a total of 80 cases were confirmed as fibroadenoma. The ages of cases ranged from

10-60 yrs maximum number of cases 50 (62,5%) was in age group 16-30 years followed by 31 - 45 years with mean

## CLINICOPATHOLOGICAL FEATURES OF CONFIRMED CASES OF FIBROADENOMA.

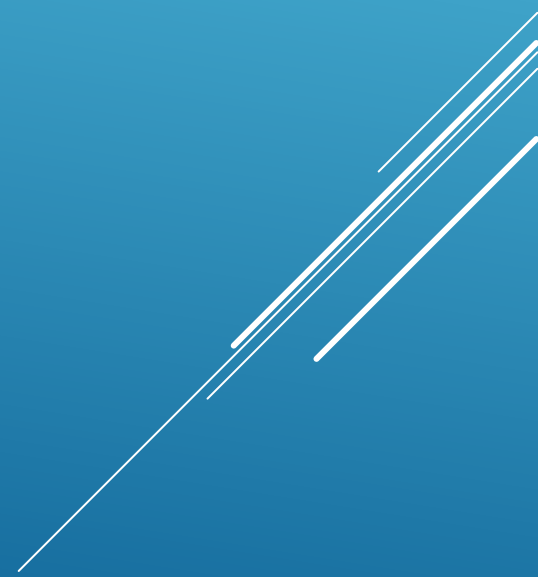
Patient characteristic	Diagnosis	Number of cases	Percentage
<b>Age group (years)</b>	0-15	2	2.5
	16-30	50	62.5
	31-45	18	22.5
	46-60	10	12.5
<b>Background</b>	Rural	20	25
	Urban	60	75
<b>Marital status</b>	Unmarried	25	31.25
	Married	55	68.75
<b>Symptoms duration (months)</b>	1-12	40	50
	13-24	12	15
	25-36	4	5
	37-48	14	17.5
	49-60	3	3.75
	61-72	7	8.75
<b>Location</b>	Left breast	30	37.5
	Right breast	40	50
	Bilateral	10	12.5
<b>Quadrant</b>	Upper lateral	22	27.5
	Upper medial	08	10
	Lower lateral	28	35
	Lower medial	04	5
	Central	08	10
	multiple	10	12.5
<b>Size (cms)</b>	<2	12	15
	3-5	43	53.75
	6-10	15	18.75
	10-20	10	12.5
<b>Treatment</b>	Conservative	12	15
	Excision	68	85

**Discussion:**The rate of occurrence of fibro-adenoma in women who were examined in breast clinics was ۷% to ۱۳%

Fibroadenoma was found to be more common in urban background compared to rural background.

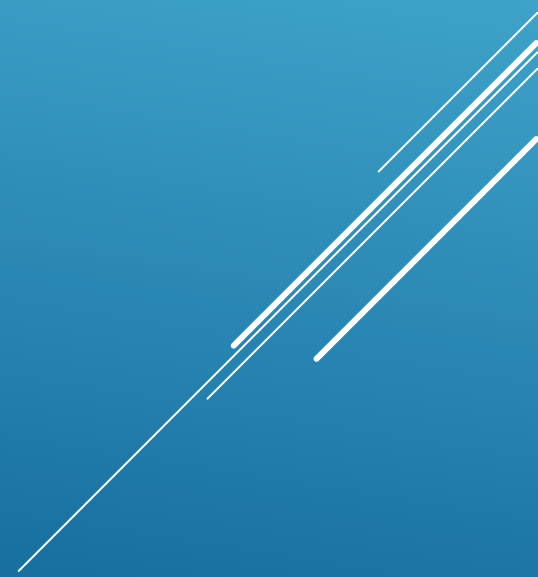


The incidence of a carcinoma evolving within a fibroadenoma was reported to be 0,002% to 0,025%.





About 50% of these tumours were lobular carcinoma in situ (LCIS), 20% were infiltrating lobular carcinoma, 20% were ductal carcinoma in situ (DCIS), and the remaining 10% were infiltrating ductal carcinoma



**Conclusions:** Fibro-adenomas which is small, single, age  $< 30$  years can be left alone with regular follow - up

Fibro-adenomas are one of the most common benign diseases of breast.



Indication for surgery are size more than 3 cms, multiple, giant type, recurrence, cosmesis and complex type.





THANK YOU

