

Table 1: Patients And Tumor Characteristics

Character	Cases	
	No.	Percent
Age	32	22.7
Less than or equal to 40 y	109	77.3
Menses	60	42.6
Pre	76	53.9
Post	3	2.1
Peri	2	1.4
Male		
Tumor size	43	30.5
X	60	42.6
1	26	18.4
2	12	8.5
3		
Node staging	24	17
X	16	11.3
0	33	23.4
1	38	27
2	30	21.3
3		
Estrogen receptors	70	49.6
Negative	71	50.4
Positive		
Progesterone receptors	74	52.5
Negative	67	47.5
Positive		
HER-2		
Negative	36	25.5
Positive	27	19.1
Unknown	77	54.6
equivocal	1	0.7
Tumor pathology	127	90.1
Invasive duct	11	7.8
Invasive lobular	1	0.7
Mucinous	2	1.4
Mixed		
Tumor grade	2	1.4
1	115	81.5
2	24	17
3		

Table 2:Pattern Of Breast Cancer Recurrence

Site	Frequency	Percent
Brain	9	6.4
Bone	61	43.3
Liver	10	7.1
Lung	10	7.1
Others	21	14
Multiple	51	36
Locoregional	32	22.6

Table 3 :Comparson Of Factors Affecting Early And Late Recurrence

Factors	Disease free survival				P value
	5 year or less (early)		More than 5 years (late)		
	No.	%	No.	%	
Age group of the patient					0.341
≤ 40y	30	93.8	2	6.2	
> 40 y	97	89	12	11	
total	127	90.1	14	9.9	

Menopausal status					0.85
Pre	53	88.3	7	11.7	
Post	69	90.8	7	9.2	
Peri	3	100	0	0	
Male	2	100	0	0	
Total	127	90.1	14	9.9	
Tumor size		90.9			0.837
T x	30	80	3	9.1	
T1	8	91.7	2	20	
T2	55	88.5	5	8.3	
T3	23	91.7	3	11.5	
T4	11	90.1	1	8.3	
Total	127		14	9.9	
Node staging					0.786
Nx	22	91.7	2	8.3	
N0	14	87.5	2	12.5	
N1	28	84.8	5	15.2	
N2	35	92.1	3	7.9	
N3	28	93.3	2	6.7	
Node staging					
Negative	14	87.5	2	12.5	
Positive	113	90.4	12	9.6	
Grading of the tumor					0.813
Grade 1	2	100	0	0	
Grade 2	104	90.4	11	9.6	
Grade 3	21	87.5	3	12.5	
ER					0.401
Negative	64	91.4	6	8.6	
Positive	63	88.7	8	11.3	
PR					0.467
Negative	66	89.2	8	10.8	
Positive	61	91	6	9	
Total	127	90.1	14	9.9	
HER-2					0.107
Negative	35	97.2	1	2.8	
Positive	26	96.3	1	3.7	
Unknown	66	84.6	12	15.4	
Total	127	90.1	14	9.9	
Pathological feature					0.95
Invasive duct	114	89.8	13	10.2	
Invasive lobular	10	90.9	1	9.1	
Mucinous	1	100	0	0	
Mixed	2	100	0	0	
Total	127	90.1	14	9.9	
Surgical treatment	112				0.8
Modified radical mastectomy	2	93.3	8	6.7	
Simple mastectomy	13	66.7	1	33.3	
Conservative surgery	127	72.2	5	27.8	
Total		90.1	14	9.9	
Chemotherapy treatment	19 108 127				0.173
Not		62.6	4	17.4	
Yes		91.5	10	8.5	
Total		90.1	14	9.9	
Radiotherapy treatment	34				0.252
Not	93	94.4	2	5.6	
Yes	127	88.6	12	11.4	
Total		90.1	14	9.9	
Hormonal intake					0.773
Not	79	91.9	7	8.1	
Tamoxfen	37	88.1	5	11.9	
Femara	7	87.5	1	12.5	
Both	4	80	1	20	
Total	127	90.1	14	9.9	

Table 4: Factors affecting site specific metastasis

Variables	Distant metastasis										P value
	Lung		Liver		Bone		Brain		Multiple		
	No.	%	No.	%	No.	%	No.	%	No.	%	
Age group ≤40 y > 40 y	2 9	7.7 10.5	3 12	11.5 14.00	17 47	65.4 54.7	2 8	7.7 11.6	2 10	7. 7 11 .6	.77
Tumor size T x T 1 T 2 T 3 T 4	3 1 3 4 0	14.3 11.1 5.9 17.4 0.00	2 1 7 2 3	5.9 11.1 13.7 8.7 37.5	12 6 33 8 5	57.1 66.7 64.7 34.8 62.5	2 0 2 6 0	9.5 0.00 3.9 26.1 0.00	2 1 6 3 0	9. 5 11 .1 11 .8 13 0. 00	.21
Node staging Negative Positive	1 10	6.2 10.4	3 12	18.8 12.5	9 55	56.2 57.3	2 8	12.5 8.3	1 11	6. 2 11 .5	.000
ER Negative Positive	7 4	12.7 7	10 5	18.2 8.8	33 31	60.0 54.4	3 7	5.5 12.3	2 40	3. 6 17 .5	0.13
PR Negative Positive	7 4	12.5 7.1	9 6	16.1 10.7	31 33	55.4 58.9	4 6	7.1 10.7	5 7	8. 9 12 .5	.29
HER-2 Negative Positive unknown	2 3 6	6.5 15.8 9.7	4 2 9	12.9 10.5 14.5	18 11 35	58.1 57.9 56.5	4 3 3	12.9 15.8 4.8	3 0 9	9. 7 0. 00 14 .5	.38