

Table 1:Findings of CT in the study populations (n= 45).

Finding	No of +ve cases	Percent of +ve cases
Breast nodule	14	31.1%
Breast cyst	1	2.2%
Lymph nodes	15	33.3%
Chestwall nodules	11	24.4%
Bone metastasis	9	20%
Lung deposits	4	8.9%
Liver metastasis	1	2.2%
Suprarenal metastasis	1	2.2%

Table 2:Findings of PET/CT in the study populations (n= 45).

Finding	No of +ve cases	Percent of +ve cases	SUV max		
			Mean	SD	Range
Breast nodule	14	31.1%	6.66	3.33	2.8-12.7
Breast cyst	1	2.2%	4.5		
Lymph nodes	16	35.6%	6.39	3.27	2.5-12.5
Chest wall nodules	11	24.4%	6.45	2.11	2.5-9.5
Bone metastasis	9	20%	5.94	1.99	2.6-8.5
Lung deposits	5	11.1%	4.32	2.32	1.7-5
Liver metastasis	2	4.4%	5.7	0.71	5.2-6.2
Suprarenal metastasis	1	2.2%	4.2		

Table 3: Comparison between CT and PET/CT in detecting LRR.

	Sonography	CT	PET/CT	Biopsy or follow up
True positive (TP), n	18	21	23	26
True negative (TN), n	14	12	14	19
False positive (FP), n	5	7	5	0
False negative (FN), n	8	5	3	0
Sensitivity (%)	69.23	80.77	88.46	
Specificity (%)	73.68	63.16	73.68	
Positive predictive value (%)	78.26	75.00	82.14	
Negative predictive value (%)	63.64	70.59	82.35	
Accuracy (%)	71.46	71.96	81.07	

Table 4: Comparison of CT and PET performance in detecting distant metastasis.

	CT	PET/CT	Biopsy or follow up
True positive (TP), n	8	11	11
True negative (TN), n	32	34	34
False positive (FP), n	2	0	0
False negative (FN), n	3	0	0
Sensitivity (%)	72.73	100	
Specificity (%)	94.12	100	
Positive predictive value (PPV) (%)	80.00	100	
Negative predictive value (NPV) (%)	91.43	100	
Accuracy (%)	83.42	100	