

Table 1 .Age, parity and menopausal status of studied population

Variable	Cases N=60	Controls N=20	P value
Age/years			
Mean ± SE	57.42±1.26	55.05±1.80	0.33
Median (range)	57 (39-75)	55 (40-70)	
Parity			
Mean ± SE	4.32±0.23	4.1±0.19	0.42
Median (range)	4 (0-8)	4 (3-6)	
Menopausal status			
Pre-menopause	23 (38.33%)	7 (35.00%)	0.79
Post-menopause	37 (61.67%)	13 (65.00%)	
Osteopontin level µg/L±SE	194.84±5.57	80.55±7.75	<0.0001

Table 2. Characteristics of breast cancer

Variable	Number (%)	Osteopontin plasma level µg/L±SE	P value	CA15.3 serum concentrations U/mL±SE	P value
Histological type					
Ductal carcinoma	39 (65.00%)	199.40±6.27	0.27		
Lobular carcinoma	21 (35.00%)	186.38±10.82			
Stage					
Stage 1	15 (25.00%)	198.83±13.92	0.87	10± 0.72	0.000
Stage 2	22 (36.67%)	195.64±6.22		22.2±1.4	
Stage 3	23 (38.33%)	191.48±9.99		23.7±1.79	
Grade					
Grade 1	10 (16.67%)	174.65±8.74	0.24	23.8±1.3	0.05
Grade 2	23 (38.33%)	195.5±9.58		20.5±1.4	
Grade 3	27 (45.00%)	201.76±8.52		16.5±1.3	
Estrogen receptors					
Negative	30 (50.00%)	216.87±3.34	0.0001	15.8±0.97	0.000
Positive	30 (50.00%)	172.82±9.03		24.7±1.6	
Progesterone receptors					
Negative	39 (65.00%)	205.38±6.17	0.009	16.9±1.2	0.005
Positive	21 (35.00%)	175.26±9.86		23.8±1.95	