

Table 1: Comparison of factors between the two groups

Factor	Fracture group	Non fracture group	t or χ^2	P-value
N	17	32		
Age(years)	29.88±13.85	31.40±15.10	t=3.39	0.736
Gender (Male,%)	9(52.94%)	18(56.25%)	$\chi^2=0.49$	0.852
BMI*	23.98±3.89	22.04±3.04	t=1.89	0.93
Clinical classification (MFD*,%)	12(70.59%)	15(46.88%)	$\chi^2=4.59$	0.014
Anatomical classification	14(82.35%)	12(37.5%)	$\chi^2=7.257$	0.007
femoral neck shaft angle	23.98±3.89	22.04±3.04	t=4.121	0.009
PINP*	3(17.65%)	10(31.25%)	t=1.054	0.305
β -CTX*	3(17.65%)	11(34.38%)	t=1.522	0.217
OST*(normal,%)	1(5.88%)	14(43.75%)	t=7.495	0.006

*BMI, body mass index; MFD, monostatic fibrous dysplasia; PINP, N-terminal propeptide of type 1 procollagen; β -CTX, type 1 collagen carboxyl terminal peptid; OST, osteocalcin.