

Table 1 Mean scores of adolescent female students (n = 148) to each item of osteoporosis knowledge questionnaire before and after education sessions

Osteoporosis knowledge item	Pretest score		Posttest score		t-value	P-value
	Mean	SD	Mean	SD		
Prevalence	5.5	2.0	7.2	2.0	7.51	< 0.001
Age of onset	0.8	0.4	0.8	0.4	0.61	0.543
Fracture risk factors	1.7	0.9	1.7	0.9	0.13	0.900
Reasons for fracture	5.7	2.0	6.9	2.0	5.24	< 0.001
Fracture pain	3.9	1.1	3.9	1.3	0.00	1.000
Fracture and height	1.6	0.7	2.0	0.9	4.04	< 0.001
Fracture sites	2.1	1.4	3.1	1.6	5.69	< 0.001
Diagnosis	0.5	0.5	0.5	0.5	0.58	0.562
Diagnostic tests	0.4	0.5	0.8	0.4	6.61	< 0.001
Prevention	0.5	0.5	0.9	0.3	8.14	< 0.001
Treatment	0.9	0.3	1.0	0.2	0.97	0.332
Calcium and vitamin D sources	0.4	0.5	0.7	0.5	5.40	< 0.001
All	24.1	5.3	29.8	5.0	9.55	< 0.001