

Table 2 Distribution of Jordanian women patients (n = 384) referred for radiology according to bone mineral density and clinical variables

Variable	Bone mineral density						Total		P-value
	Normal		Osteopenia		Osteoporosis		No.	%	
	No.	%	No.	%	No.	%			
Age (years)									
< 50	71	65.7	29	26.8	8	7.4	108	28.1	< 0.001
50–60	68	57.1	47	39.5	4	3.4	119	31.0	
> 60	45	28.7	72	45.8	40	25.5	157	40.9	
Total	184	47.9	148	38.5	52	13.5	384	100.0	
Age at menarche (years)									
< 13	118	37.8	145	46.5	49	15.7	312	82.1	< 0.001
≥ 13	62	91.2	3	4.4	3	4.4	68	17.9	
Total	180	47.4	148	38.9	52	13.7	380	100.0	
Body mass index									
Normal	19	38.8	20	40.8	10	20.0	49	12.8	> 0.05
Overweight	64	52.9	40	33.0	17	14.0	121	31.5	
Obese	101	47.2	88	41.1	25	11.7	214	55.7	
Total	184	47.9	148	38.5	52	13.5	384	100.0	
Menopause									
Yes	118	40.4	136	46.6	38	13.0	292	76.4	< 0.001
No +	64	71.1	12	13.3	14	10.5	90	23.6	
Total	182	47.6	148	38.7	52	13.6	382	100.0	
Diabetes mellitus									
Yes	24	48.0	12	24.0	14	28.0	50	13.0	< 0.01
No	160	48.0	136	40.7	38	11.3	334	87.0	
Total	184	48.0	148	38.5	52	13.5	384	100.0	
Hypertension									
Yes	43	62.3	12	17.4	14	20.3	69	18.0	< 0.001
No	141	44.8	136	43.2	38	12.0	315	82.0	
Total	184	48.0	148	38.5	52	13.5	384	100.0	
Renal problems									
Yes	5	27.8	6	33.3	7	38.9	18	4.7	< 0.01
No	179	49.0	142	38.8	45	12.2	366	95.3	
Total	184	48.0	148	38.5	52	13.5	384	100.0	
Smoking									
Yes	11	64.7	3	17.6	3	17.6	17	4.4	> 0.05
No	173	47.1	145	39.5	49	13.4	367	95.6	
Total	184	48.0	148	38.5	52	13.5	384	100.0	