Table 1. Osteoporosis Questionnaire

Osteoporosis Questionnaire			
Gender	Male	Female	
Age			
Do you suffer from osteoporosis?	Yes	No	
If the gender is female, answer the following questions			
1-Age of menopause	Before the age of 45	-After the age of 45	
2-Number of pregnancies:	Less than three times	More than three times	No pregnancy
3 - Do you breastfeed your children? -			
4 -Did you have your ovaries removed before reaching the age of - 50 without taking hormone replacement therapy?			
Questions for both genders			
	Yes	No	
Is there any disease in the family record Bone diseases?			
Do you suffer from any chronic diseases?			
Do you follow a healthy diet?			
Do you drink any types of beverages?			
Are you a stimulant consumer?			
Do you suffer from a deficiency in Vitamin D?			

Table 2. Percentage of infected and uninfected persons males and females

Sex	Infected		Unaffected	
	Number	%	Number	%
male	16	18.60	44	42.31
Female	70	81.40	60	57.69
Both genders	86	100	104	100
Chi-Square Test (significance value)	12.24 0.0021 **S**			

S: There is a significant difference between the totals (p value < 0.05)
NS : There is no significant difference between the totals (p value > 0.05)

Table 3. Shows the percentage of infected and non-infected individuals by gender and different age groups.

Age group in years	Infected				Unaffected			
	Number of males		Number of females		Number of males		Number of females	
	N	%	N	%	N	%	N	%
21-35	8	50	22	31.43	21	47.73	30	50
36-50	2	12.50	39	55.71	22	50	25	41.67
51-65	0	0	5	7.14	1	2.27	5	8.33
.More than 65	6	37.50	4	5.71	0	0	0	0
Chi-Square Test(significance value)	18.84 0.00029 **S**				2.078 0.553 **NS**			

S: There is a significant difference between the totals (p value < 0.05)

NS: There is no significant difference between the totals (p value > 0.05)

Table 4. Shows the extent to which the factors studied affect patients with osteoporosis

S	Factors	YES				NO			
		Males		Females		Males		Females	
		n	%	n	%	n	%	n	%
1	Do you have any bone diseases in your family record?	11	21.15	32	15.84	5	6.58	38	10.61
2	Do you suffer from chronic illnesses?	4	7.69	13	6.44	12	15.79	57	15.92
3	Do you follow a	5	9.62	25	12.38	11	14.47	45	12.57

	healthy diet?							
4	Are you a consumer of carbonated drinks?	10	19.23	33	16.34	6	7.89	37	10.34
5	Do you use stimulants?	6	11.54	25	12.38	10	13.16	45	12.57
6	Kidney diseases, immune system	1	1.92	11	5.45	15	19.74	59	16.48
7	Thyroid gland	1	1.92	5	2.48	15	19.74	65	18.16
8	Do you have a vitamin D deficiency?	14	26.92	58	28.71	2	2.63	12	3.35
Chi-Square Test (significance value)		2.468 0.929 NS				2.176 0.949 NS			

S: There is a significant difference between the totals (p value < 0.05)

NS: There is no significant difference between the totals (p value > 0.05)

Table 5. Factors specific to females with osteoporosis

Factors							Chi-Square Test (significance value)
When was the menopause	Before the age of 45		After the age of 45		Uninterrupted		25.4 <0.001 S
	n	%	n	%	n	%	
	11	15.71	16	22.86	43	61.43	
Number of pregnancies	Less than three times		More than three times		No pregnancy occurred		25.06 <0.001 S
	n	%	n	%	n	%	
	15	21.43	43	61.43	12	17.14	
Breastfeeding	Breastfeeding		Abnormal breastfeeding		Not breastfeeding		42.54 <0.001 S
	n	%	n	%	n	%	
	49	70.00	9	12.86	12	17.12	
Oophorectomy	Removed		No eradication				66.05 <0.001 S
	n	%	n	%			
	1	1.43	69	98.57			

S: There is a significant difference between the totals (p value < 0.05)
NS: There is no significant difference between the totals (p value > 0.05)