

Contents

	Page
Introduction	1
Aim of the study	5
Review of Literature	
Section I. Menopause	
• Definition	6
• Pathphysiology	7
• Short-term menopausal symptoms	8
• Long-term menopausal symptoms	9
Section II. Osteoporosis	
• Definition	11
• The prevalence of osteoporosis	11
• Pathophysiology of osteoporosis	12
• Types of osteoporosis	15
• Risk factors for osteoporosis	16
• Manifestations	20
• Diagnosis	21
• The consequences of osteoporosis	25
Section III. Management of osteoporosis	
• Nonpharmacologic approaches for prevention and treatment	29
• Pharmacologic options for prevention and treatment	45
• Complementary and alternative therapy	52
Section IV. Quality of life	
• Definition	54
• Quality of life domains	56
• Assessment of quality of life for osteoporosis	57
• Quality of life for osteoporosis	57
• The impact of osteoporosis on physical functioning	59
• The impact of osteoporosis on psychosocial functioning	60
• The impact of osteoporosis on illness- related fears	62
• Section V. Nursing health educational program	
• Importance of health education for women	65
• Education for osteoporosis prevention	67
Section IV. Nurses' roles	
• Nurse as health educator	73
Subjects and Methods	77
Results	88
Discussion	122
Conclusion	143

Recommendations	144
Summary	146
References	151
Appendices	
Arabic summary	