

Short Title	Effect of Smoking on Bone
Study Number	092010-024
Study Title	Effect of Smoking and Smoking Cessation on Bone Metabolism
Disease/Condition Under Study	Osteoporosis
Brief Description of Study	The purpose of this study is to determine the effects of cigarette smoking on bone loss, whether these effects are due to nicotine, and whether they are reversed by quitting. This study involves three 1-day inpatient stays.
Participant Eligibility	Age: 30-65.
	Smoke \geq one-half pack of cigarettes per day
	Excluded: treatment with estrogen, hormonal birth control, testosterone, anti-androgen therapy, bisphosphonates, calcitonin, fluoride, glucocorticoids, or anticonvulsants, chronic kidney disease, chronic diarrhea, menstrual irregularities, menopause, heavy alcohol use, chronic liver disease, Paget's disease of bone, osteomalacia, or any disease known to affect bone or calcium metabolism.
Study Drug	None
Study Doctor	Vivienne Yoon, MD
Location	Clinical and Translational Research Center
Contact Name	Vivienne Yoon, MD
Contact Phone	214-648-7875
Contact E-mail	Vivienne.Yoon@UTSouthwestern.edu