

# Scott & White Hospital & Clinics Clinical Research at Scott & White

Study Title: Proteomic Analysis of Normal Versus Osteoporotic Bone

Project ID#: 8726

Department: Orthopaedics

Sponsor: Scott & White Hospital

## Brief Synopsis of the Study

The purpose of this research study is to try and reveal altered protein profiles in osteoporosis. It is believed that some proteins found in normal spinal bone will not be found in osteoporotic bone and vice versa. It is hoped that this study will reveal new directions for osteoporosis research.

## Who is eligible to participate in the study?

Age: 55 - 85 Gender: Women

All postmenopausal women (menstruation has stopped for at least one year) qualify to participate in the study. You would be excluded if you are taking medications for osteoporosis or any type of hormone replacement therapy. You would be excluded if you have a diagnosis for any intrinsic bone disease such as Paget's Disease, osteomalacia or systemic disease that affect bones such as multiple myeloma, lymphoma, rheumatoid arthritis or renal failure.

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## What may be involved/required for subject participation?

Women with risk factors for osteoporosis or a previous documentation of being diagnosed with osteoporosis will have a DEXA scan. The DEXA is used to scan the body to determine bone density for evaluating for osteoporosis. If you are eligible, you will be asked to provide a one time blood sample that will be analyzed as one of the 16 subjects who will take part (8 subjects with osteoporosis and 8 subject with normal bone density).

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## Contact Information:

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