Nearly 30% of American women will develop osteoporosis

Bone is a dynamic tissue that requires adequate nutrition for maintenance and growth. Because of the balance between bone building, performed by osteoblasts, and bone dissolution, carried out by osteoclasts, bone growth and maintenance possess distinctive nutritional needs. Key nutrient deficiencies increase the risk of osteoporosis.

The importance of calcium has long been recognized in bone health. However, as important as calcium is to bone health, only 25% of women with osteoporosis are calcium deficient. New evidence clearly supports the view that multiple nutrients are essential to nurture the skeletal system.

Osteo-B Plus® provides these essential nutrients.

- Preserves existing mineral mass and protein matrix
- Supports repair mechanisms

These statements have not been evaluated by the food and drug administration. This product is not intended to diagnose, treat, cure, or prevent any disease.
B Complex Vitamins: B vitamins function as coenzymes in metabolic pathways that provide energy and building blocks from foods. Shortages impair healing and repair by connective tissues, including bone turnover. 

B Complex Vitamins: B vitamins work collectively - all should be present in appropriated amounts for optimal functioning. For example, elevated blood homocysteine is linked to osteoporosis; homocysteine interferes with collagen cross linking. Folate and B6 promote the conversion of homocysteine to simple amino acids. B6 also participates a cross-linking agent to strengthen connective tissue.

Vitamin C: Enzymes that form hydroxyproline and hydroxylysine (proline and lysine oxidases) require vitamin C. These hydroxylated amino acids form cross-links with collagen and elastin in mature connective tissue and matrix. Twenty percent of elderly women found to be deficient in vitamin C, even though they consumed RDI amounts (60 mg) daily. 

Purified Chondroitin Sulfates: Chondroitin sulfates represent glycosaminoglycans (GAG), polysaccharides found in connective tissue such as cartilage. Low levels of chondroitin sulfates occur in bone where they initiate bone formation. Preformed GAG can stimulate chondroitin sulfate synthesis. Osteo-B Plus® supplies highly purified chondroitin sulfates, up to 90% of which can be readily absorbed.

Saccarum officinarum Extract: Saccarum officinarum is an especially rich source of silicon. Silicon is required for structural integrity of connective tissue and bone strength. It is believed to function as a cross-linking agent to strengthen connective tissue.

References:

For additional information call: (800) 840-1676
Biotics Research Canada
Box 283, #1 High William Drive
Keswick Ontario CANADA
L4P 3E2

THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE.