Osteo-Support Formula™ Supporting Healthy Bone Structure

DESCRIPTION

Osteo-Support Formula[™], provided by Douglas Laboratories, is a synergistic and comprehensive combination of vitamins, minerals, enzymes, herbals, and other nutrients, carefully formulated and specifically designed to maintain healthy bone structure and function.

FUNCTIONS

Studies show that a high percentage of adults in North America and other developed countries eat less than the minimum daily allowance of 10 or more essential nutrients. Adequate amounts and proper balance of these nutrients are needed not only for maintaining good health, but also for the dietary management of the body's structure as well as the optimum functioning of its various systems, including the skeletal system. The Osteo-Support Formula[™] has been carefully developed to contain the right proportions of vitamins, minerals, trace elements, and other nutrients without danger of toxic build-up or other side effects. Each ingredient is selected in consideration of its absorbability, competitive relationship with other nutrients, allergenic potential, and longterm safety. Certain nutrients such as beta-carotene, vitamin C, vitamin E and B-complex vitamins are included in high-potency amounts because of the vital roles they play in antioxidant protection, energy production and the maintenance of healthy blood cells, the nervous system, hormonal balance, and more. Minerals and trace elements are provided in their safest and most bioavailable forms. The Osteo-Support Formula™ contains not only the base formula of Douglas Laboratories' Ultra-Specific Nutrition 2000 Series™ that offers intensive support for the healthy functioning of the body in general, but also a blend of herbs and additional nutrients specifically formulated for maintenance of good bone health. The adult human body contains approximately 1,200 g of calcium, about 99% of which is present in the skeleton, and 20-30 g of magnesium with about 60% located in bone. Bone is constantly turning over, a continuous process of formation and resorption. In children and adolescents, the rate of formation of bone mineral predominates over the rate of resorption. In later life, resorption predominates over formation. Therefore, in normal aging, there is a gradual loss of bone. Intestinal calcium absorption ranges from 15 to 75% of ingested calcium. Vitamin D is a key regulatory hormone for calcium and bone metabolism. Adequate vitamin D status is essential for ensuring normal calcium absorption and maintenance of healthy calcium plasma levels. Magnesium absorption is independent of vitamin D status and ranges from 30 to 60% of ingested magnesium.

Osteoporosis, a condition of reduced bone mineral density that can increase risk of fractures, affects a large proportion of the elderly in developed countries. Caucasian and Asian women typically have low peak bone densities, and therefore, are at the greatest risk of developing osteoporosis. It is generally accepted that obtaining enough dietary calcium throughout life can significantly decrease the risk of developing osteoporosis. Among other factors, such as regular exercise, gender and race, calcium supplementation during childhood and adolescence appears to be a prerequisite for maintaining adequate bone density later in life. But even elderly osteoporotic patients can benefit significantly from supplementation with dietary calcium. Osteo-Support FormulaTM provides calcium citrate, a highly beneficial source of dietary calcium. Calcium citrate is highly absorbed and well tolerated form of calcium. Osteo-Support FormulaTM does not give rise to intestinal gas production (due to release of carbon dioxide), bloating or constipation as is often experienced with other calcium preparations. Osteo-Support FormulaTM also provides other nutrients that assist in the maintenance of healthy bone structure and function. For example, boron affects the composition, structure, and strength of bone. It appears to be necessary for calcium and magnesium absorption, their adequate renal reabsorption, and their incorporation into the bone matrix. Boron is absorbed at about 90% efficiency and is rapidly distributed among the tissues.

INDICATIONS

Osteo-Support Formula[™] tablets may be a useful dietary supplement for those who wish to maintain healthy bones.

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FORMULA (#4544)

PORMULA (#4344)	
4 Tablets Contain:	
Vitamin A (25% as Vitamin A	20,000 IU
Palmitate/75% [15,000 IU]	
as Beta-Carotene)	
Vitamin C (Ascorbic Acid)	1000 mg
Vitamin D-3	50 IU
Vitamin E (as Vitamin E Succinate)	200 IU
Vitamin K	150 mcg
Thiamine (as Thiamine HCI)	50 mg
Riboflavin	
Niacin/Niacinamide	120 mg
Vitamin B-6 (as Pyridoxine HCI/	25 mg
Pyridoxal-5-Phosphate Complex)	5
Folic Acid	800 mca
Vitamin B-12 (on Ion Exchange Resin)	
Biotin	
Pantothenic Acid	
(as d-Calcium Pantothenate)	roo mg
Calcium (from Calcium	800 ma
Citrate/Ascorbate/Carbonate Complex)	ooo mg
Magnesium (from Magnesium	400 ma
Aspartate/Ascorbate/Oxide Complex)	400 mg
Zinc (from Zinc Aspartate/Krebs/Oxide Complex)	20 ma
Selenium (Organic Selenium from	
Krebs† Cycle and Kelp)	200 meg
	0
Copper (from Copper Amino	z mg
Acid Chelate)	45
Manganese (from Manganese	15 mg
Aspartate/Sulfate Complex)	000
Chromium (Organically bound with	200 mcg
GTF activity–low allergenicity)	
Molybdenum (from Molybdenum Krebs†)	
Potassium (from Potassium	75 mg
Aspartate/Chloride Complex)	
Choline (from Choline Citrate/Bitartrate)	
Choline (from Choline Citrate/Bitartrate)	25 mg
Choline (from Choline Citrate/Bitartrate)	25 mg 100 mg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid)	25 mg 100 mg 50 mg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†)	25 mg 100 mg 50 mg 25 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex)	25 mg 100 mg 50 mg 25 mcg 1 mg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate)	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate)	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex)	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg 100 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate) Trace Elements (from Sea Vegetation)	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg 100 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate) Trace Elements (from Sea Vegetation) Osteo-Support Proprietary Blend	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg 100 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate) Trace Elements (from Sea Vegetation) Osteo-Support Proprietary Blend Bioflavonoids, Hesperidin, Dong Quai (root),	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg 100 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate) Trace Elements (from Sea Vegetation) Osteo-Support Proprietary Blend Bioflavonoids, Hesperidin, Dong Quai (root), Licorice (root), Black Cohosh (root), Fennel (seed), Bromelain, Betaine HCI/Glutamic Acid HCI, Rutin,	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg 100 mcg
Choline (from Choline Citrate/Bitartrate) Inositol Citrus Bioflavonoid Complex PABA (para-Aminobenzoic Acid) Vanadium (from Vanadium Krebs†) Boron (from Boron Aspartate/Citrate Complex) Strontium (from Strontium Aspartate) Trace Elements (from Sea Vegetation) Osteo-Support Proprietary Blend Bioflavonoids, Hesperidin, Dong Quai (root), Licorice (root), Black Cohosh (root), Fennel (seed),	25 mg 100 mg 50 mg 25 mcg 1 mg 10 mcg 100 mcg

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SUGGESTED USE

Adults take 4 Tablets daily with meals or as directed by a healthcare professional.

SIDE EFFECTS

No adverse side effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

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For more information on Osteo-Support visit douglaslabs.com

† 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.

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3

You trust Douglas Laboratories. Your patients trust you.