Name of the product: **SunnyD 10000 Sale Pack**

scotmann's SunnyD® 10000

Each softgel contains
Vitamin D_3: (10000 IU)
(Cholecalciferol from natural source) USP

RESPIRATORY HEALTH: Research indicates that Vitamin D-mediated innate immunity, particularly through enhanced expression of the human cathelicidin antimicrobial peptide (hCAP-18), is important in host defenses against respiratory tract pathogens. Other studies suggest that Vitamin D deficiency increases risk of respiratory infections. This increased risk may contribute to incident wheezing illness in children and adults and cause asthma exacerbations. The increased risk of specific respiratory infections in susceptible hosts may contribute to some cases of incident asthma. Vitamin D also modulates regulatory T-cell function and interleukin-10 production, which may increase the therapeutic response to glucocorticoids in steroid-resistant asthma.

COLD AND FLU: Vitamin D plays such an essential role in immune health. Low levels can weaken our defenses and increase susceptibility to illnesses, like colds and flu.

IMMUNE HEALTH: Vitamin D_3 has been linked with metabolic and immunological processes, which established its role as an essential component of human health preservation. Vitamin D3 has been defined as natural immune modulator, and upon activation of Vitamin D_3 receptors (VDRs), it regulates calcium metabolism, cellular growth, proliferation and apoptosis, and other immunological functions. Epidemiological data underline a strong correlation between poor Vitamin D_3 status and higher risk for chronic inflammatory illnesses of various etiologies, including autoimmune diseases.

AUTOIMMUNE DISEASE: Disease with an autoimmune etiology like multiple sclerosis, rheumatoid arthritis and crohn's disease have been shown to have strong association with low levels of Vitamin D_3. Different studies have assessed the direct association with Vitamin D_3 deficiency and autoimmune disease.

HEART HEALTH: Multiple studies have linked Vitamin D_3 deficiency with higher risks of high blood pressure and cardiomyopathy. Vitamin D_3 supplementation appears to lower risk of death from these ailments in certain at - risk populations. In vitro and animal studies suggest that Vitamin D_3 modulates such risks via the inhibition of the renin-angiotensin-aldosterone system. The renin-angiotensin system (RAS) is a hormone system that regulates blood pressure and fluid balance. When blood volume is low, cells in the kidneys secrete a protein, renin, directly into circulation. Renin is a Vitamin D_3 regulated gene. Unlike many other genes, renin may be down-regulated or decreased by Vitamin D_3.

BONE HEALTH: Vitamin D_3's most conclusively demonstrated effects are in maintaining healthy bones. Vitamin D_3 promotes calcium absorption and helps maintain calcium and phosphate levels necessary for mineralization of bone. It is also needed for bone growth and bone remodeling by osteoblasts and osteoclasts. Vitamin D_3 deficiency can result in thin, brittle, or misshapen bones, as well as rickets in children and osteomalacia in adults. Together with calcium, Vitamin D_3 also helps prevent osteoporosis in older individuals.

DIABETES MELLITUS: Vitamin D_3 supplementation may increase the body's sensitivity to the blood sugar-regulating hormone, insulin, thus reducing the risk of diabetes, researchers have found. Insulin resistance (or insensitivity) occurs when the body's tissues stop responding as strongly to the presence of insulin. As a consequence, the cells uptake less sugar from the bloodstream, producing the elevated glucose levels, a characteristic of diabetes. Vitamin D_3 may stimulate insulin secretion. This is via direct action on pancreatic beta cells and indirectly by normalizing calcium levels extracellularly. The evidence of the aforementioned has been confirmed by finding Vitamin D_3 receptors (VDRs) on the insulin promoter gene and the presence of Vitamin D_3 receptors (VDRs) on the pancreatic beta cells.

CANCERS: Vitamin D_3 may play an essential role in regulating cellular activity. Adequate Vitamin D_3 in our bodies can protect us from the development of at least several types of cancers (including breast, colon and prostate) becausetrillions of our cells contain Vitamin D_3 receptors (VDRs). These receptors receive, store and activate anti-cancer functions.

REPRODUCTIVE HEALTH: According to Medical News Today, Vitamin D_3 may help in boosting sexual drive. An increase in Vitamin D_3 in the body directly increases the testosterone levels. A higher testosterone level increases masculinity and affects the sex drive positively. Reproduction Online also supports this by stating that Vitamin D_3 plays a major role in developing mature and functioning spermatozoa in males.

PREGNANCY: Vitamin D_3 deficiency during pregnancy is relatively common and may cause significant adverse health issues for both mother and child. Studied health issues associated with low Vitamin D_3 status during pregnancy include preeclampsia, birth by cesarean section, gestational diabetes, postpartum depression, and low birth weight.

SKIN HEALTH: Vitamin D_3 may activate certain white blood cells known as the macrophages. This means they get "hungrier" for acne bacteria, which they attack directly rather than sending out inflammatory chemicals. This is a very useful characteristic for fighting acne bacteria. Other white blood cells attempt to kill acne bacteria by generating inflammation. The bacteria can release decoy proteins that cause the inflammation actually to destroy the skin itself. That is what causes the redness and inflammation of pimples. Macrophages activated by Vitamin D_3 don't send out inflammatory chemicals. Instead, they attack the bacteria head on and wipe them out without a trace, whether or not the bacteria send out decoy chemicals.

HAIR HEALTH: People have a tendency to lose hair as they grow old, commonly referred to as balding. According to the Hair Loss Research, Vitamin D_3 may play an important role in preventing this hair loss by maintaining a healthy hair follicle, which ensures the hair remains healthy and strong. Vitamin D_3 also helps in the absorption of calcium, which helps in the secretion of hormones, such as biotin, that promote the growth of strong healthy hair.

WEIGHT LOSS: The "American Journal of Clinical Nutrition" says that consuming Vitamin D_3 can help lose abdominal fat and prevent weight gain. A high Vitamin D_3 intake increases the leptin levels, a hormone that alerts the body to stop eating. Research also links Vitamin D_3 deficiency to insulin resistance, which leads to excess hunger increasing the need to overeat.

DOSAGE:
One softgel daily or as directed by a qualified healthcare practitioner. (It is advised to have serum Vitamin D_3 level checked, prior to taking scotmann's SunnyD 10000 softgels).

STORAGE:
Protect from heat, light and moisture. Store at room temperature.

PRECAUTIONS:
Refrigeration is recommended in hot climates. Keep out of reach of children. Sealed for your protection. Do not use if the seal under the cap of the jar is missing or tampered. Shake jar before opening.

خوراک: ایک سافٹ جیل روزانہ یا مستند معالج کی ہدایت کے مطابق استعمال کریں۔ (تجویز کیا جاتا ہے کہ سکاٹ مینز سنی ڈی 10000 سافٹ جیلز لینے سے پیشتر خون میں وٹامن ڈی 3 کی مقدار کا تعین کروالیں۔

احتیاط: دھوپ، نمی اور گرمی سے دور رکھیں اور کمرے کے درجہ حرارت پر محفوظ کریں۔ گرم موسم میں ریفریجریٹر میں محفوظ کرنا تجویز کیا جاتا ہے۔ بچوں کی پہنچ سے دور رکھیں۔ آپ کی حفاظت کے پیشِ نظر اس جار کو سیل کیا گیا ہے۔ اگر جار کی کیپ کے نیچے سیل موجود نہ ہو یا خراب ہو تو استعمال نہ کریں۔ جار کو کھولنے سے پہلے ہلالیں۔

scotmann
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SRO 412 (1) / 2014 Enlisted Product