

MegaQUINONE

K2-7



How can Vitamin K2 save lives?

Vitamin K2 is arguably the most important food supplement available, especially as it is not found in sufficient quantities in the Western diet. Researchers now believe that more than 9 out of 10 people may be at risk from a vitamin K2 deficiency. Taking a K2-7 supplement brings huge benefits, including reducing the risk of diabetes, heart disease, cancer and osteoporosis.

Some of the early evidence for the beneficial qualities of vitamin K2 came from Japan, where consumption of Natto, a naturally fermented soy product replete with K2, is common in Eastern Japan but not in Western Japan. Researchers started to notice that rates of osteoporosis, diabetes, senile dementia and heart disease were much lower in Eastern Japan compared to Western Japan and certainly far lower than in the USA and Europe. With over 2000 published studies in the last 10 years, scientists have confirmed that the health benefits experienced by the Eastern Japanese, comes from this crucial nutrient – Vitamin K2.

Consider the following health conditions:

Osteoporosis + Osteopenia

There are many published clinical studies showing that vitamin K2 halts bone mineral density loss. This is a huge benefit for people with osteopenia and osteoporosis. In fact, supplemental K2 became a first-tier treatment in Japan for osteoporosis. K2 is an essential co-factor in the activation of Gla proteins in the bone (osteocalcin) and blood vessels (matrix Gla-protein) which means that K2 is directly responsible for ensuring that calcium in the diet is deposited safely in the bones and not in the blood vessels. Without adequate K2, osteocalcin remains inactive and calcium is not directed to create stronger bones.

Heart Health

The landmark Rotterdam Heart Study (over 4,800 subjects across a period of 10 years) demonstrated that participants who ingested the greatest quantities of vitamin K2 in their diet experienced a 57% greater reduction in death from heart disease than people who ingested the least. Even minimal K2 supplementation was found to decrease all-cause mortality by 25%. Without enough K2, undercarboxylated osteocalcin and MatrixGla Protein (MPG) lead to increased coronary calcification and cardiovascular disease. There are over 25 published studies confirming that deficiencies of K2 are correlated with increased arterial calcification and that prescriptive dosing with vitamin K2 can prevent this. Imagine helping your clients to reverse arterial calcification.

Cancer

Over 40 published studies have demonstrated the important role of vitamin K2 against cancer. Vitamin K2 has been shown to induce apoptosis in vitro with leukemia cells, and lower the risk of prostate and liver cancer. The EPIC-Heidelberg study on K2 supplementation and prostate cancer (24,340 subjects) found an inverse association between the intake of menaquinones and prostate cancer. Vitamin K2 was also calculated to reduce prostate cancer incidence by 30%. In a study in the Journal of the American Medical Association, patients infected with hepatitis B or C (and therefore at much greater risk for developing liver cancer) were given a K2 supplement. Less than 10% of those given the supplement developed liver cancer, whereas the placebo group developed cancer at an astonishing rate of 47%.

Diabetes

The rates of diabetes and pre-diabetes are increasing dramatically. Over a dozen published studies have shown that K2 is protective against the development of Type 2 Diabetes, and just four weeks of K2 supplementation increases insulin sensitivity. How does this work? The mechanism is still a little bit of a mystery, yet it looks like conversion of undercarboxylated osteocalcin to carboxylated osteocalcin (for which K2 is necessary) regulates glucose metabolism, likely through β -cell dysfunction.

“Supplementation with MegaQuinone, the highest potency, non-soy based vitamin K2 on the market, is an obvious choice!”

How much K2 should you take?

The average daily intake of vitamin K2 in the West is 15 mcg per day. This is far below the level required to carboxylate proteins that lead to osteoporosis, cardiovascular disease, and neurological disease. A 2012 study, which aimed to determine the effective dose of K2, tested a dosing range from 10mcg to 360mcg. Study authors found that only the two highest dosages (180 and 360 mcg) were sufficient to obtain all the benefits of vitamin K2 and the highest dose was measurably the most beneficial. A 300+ mcg dose is the most potent dose on the market, and has been shown to be the most effective in prevention of disease. (This dosage amount reflects the average consumption of K2 in the Eastern Japanese populations.)

Given the fact that nearly everyone in the Western World is sub-clinically deficient in K2, this deficiency has a wide scope of influence on human health. Supplementing with the optimum dose is of paramount importance, in order to rescue your patients from years of vitamin K2 deficiency and to reduce their risk of the most common chronic diseases.

**Avoid synthetic K2 imposters at all costs, as these act very differently in the body.
Choose only a natural sourced, non-soy K2 supplement.**

The MegaQuinone™ formula uniquely provides the optimum dose of 320 mcg of the highest efficacy all natural Vitamin K2-MK7, along with essential co-factors magnesium and zinc to aid absorption, and K1 as an important supportive ingredient. Collectively this formulation stands apart from all others.

Why choose MegaQuinone™ K2-7

After in-depth study and careful testing, researchers chose MenaquinGold® vitamin K2 as the main ingredient for the proprietary MegaQuinone™ blend. MenaquinGold® is a non-soy, prescription-grade source of K2-7 and was selected for a number of important reasons:

- This natural K2-7 was created for the pharmaceutical market with a Drug Master File. (Most other K2 supplements currently available are not manufactured to pharmaceutical standards.)
- MenaquinGold® is produced in a pharmaceutical qualified, dedicated facility and is regularly tested by FDA-approved laboratories.
- MenaquinGold® is produced through fermentation of *Bacillus Subtilis*, and does not contain any soy products. This is the same K2 vitamin that is found in natto.
- MenaquinGold® has demonstrated the highest degree of stability, quality and safety.
- Our research into the sources of vitamin K2 in the market place revealed a number of sub-standard products that we were simply not comfortable offering to our practitioners.



MegaQuinone™ K2-7

- The ONLY 320 mcg, natural vitamin K2-7 supplement on the market
- Guaranteed Stability
- Solvent free during production
- Soy Free, Allergen Free, Dairy Free, Gluten Free and Non-GMO
- Vegan, Kosher and Halal
- The ONLY K2 supplement with Ultra Absorption Complex made of chelated minerals that are essential K2-cofactors
- The ONLY pharmaceutical grade, broad spectrum vitamin K2 with published safety studies
- Supported by multiple new patents

Menaquin Gold®
Natural Vitamin K2-7

MegaQuinone™ has been carefully created by Microbiome Labs

Sold only to and through Health Practitioners, Doctors & Clinics
MegaQuinone™ is a Patent Pending Product

For more information, visit our website at www.microbiomelabs.com

Customer Service: (904) 940-2208