# **MCHC**®

Microcrystalline hydroxyapatite calcium (MCHC®) is an effective natural ingredient for strong, healthy bones.

# **Basic Facts**

Microcrystalline hydroxyapatite calcium (MCHC®) is a food supplement that safely and effectively fulfills the body's daily requirement for calcium and other minerals. As part of a health-conscious diet, MCHC® can help protect against certain health concerns that accompany advanced age – in particular, loss of bone mass and density – by providing sufficient calcium.

Obtaining a sufficient supply of calcium is important, especially for the elderly – and this applies to both women and men. Aside from its role in supporting healthy muscle function and healthy blood coagulation, calcium is an essential constituent of bone. In old age, the bones of many people become more brittle. Getting enough calcium from the diet is important, especially for people who already suffer from loss of bone density and bone mass, but also as part of proper health care in general.

### **Effects**

MCHC® is quite an extraordinary substance. It contains not only calcium but also all minerals that are present in healthy bones. What's more, it does not simply provide these minerals; it provides them in the same ratio as is found in natural bone tissue.

In addition to calcium, MCHC® contains mineral phosphates, magnesium, fluorides, zinc, copper, manganese, silicon and rubidium. it also provides organic substances such as active enzymes, collagen fiber, amino acids and many other natural building blocks of bone.

#### Uses

Bone health: It is common for the bones to become more brittle with age. Several strategies for treating this concern exist, each of which can be used with varying success. These include hormone replacement therapy (dehydroepiandrosterone), bisphosphonates and calcitonin, among others. In this respect, it is important to keep in mind that there is not just one therapeutic method that is effective for everyone.

To successfully fight the loss of bone mass and density, simply employing medicinal or hormonal substances is not sufficient. One of the most important factors for maintaining strong bones is a conscious diet rich in calcium and certain minerals that are important for bone health. Along these lines, the calcium obtained from food must also be absorbed in sufficient quantities by the body. This can be facilitated by supplementing with microcrystalline hydroxyapatite calcium (MCHC®) daily.



# **MCHC®**

- Contains calcium, magnesium, phosphorus, manganese, trace elements, active enzymes, collagen and protein in naturally occurring ratios
- The calcium in MCHC<sup>®</sup> is better absorbed by the body than any other form
- Encourages reconstruction of natural bone structure and restoration of healthy bone formation
- May help accelerate the bonehealing process after a fracture
- Can be taken without risk during pregnancy and helps maintain healthy blood pressure within normal ranges during pregnancy
- In certain types of autoimmunerelated joint discomfort, MCHC<sup>®</sup> can promote healthy bone mass and density, which can often be damaged by cortisone therapy

It has been proven that when taken daily, MCHC® encourages the reconstruction of healthy bone structure and supports the restoration of healthy bone formation. In the medical literature, there are numerous case reports and studies to this effect. This is the reason why renowned American doctors recommend taking MCHC® in cases of existing bone loss or as a protection against this serious concern.

# Composition

One capsule contains 250 mg MCHC® (microcrystalline hydroxyapatite calcium) in pharmaceutical grade.

Other ingredients: rice flour, magnesium stearate.

# Dosage

The exact dosage of MCHC® depends on a person's body mass and the extent of individual bone loss. If MCHC® is taken as a food supplement, a daily intake of 1–6 capsules at mealtimes is recommended. If required, the dose can be increased accordingly.

In the case of painful bone fractures, American doctors recommend taking up to 10g MCHC® per day. This concept is summarized by the American chiropractor Dr. John Maher from San Diego, California, as follows: «If your bones are weak, then simply eat some bone. It contains all the nutrients you need!»

<b>Nutrients</b> for healthy bone tissue	
Vitamin B12:	2-5 mcg/day
Vitamin B6:	5-25 mg/day
Vitamin C:	1000-2000 mg
	2-4 times/day
Vitamin D:	5000 IU/day
Vitamin E:	600 IU/day
*Calcium (Ca):	1000-2000 mg/day
*Magnesium (Mg):	500-1000 mg/day
Trace elements:	*copper (Cu),
	*phosphorus (P),
	*silicon (Si),
	*boron (B)

\*Microcrystalline hydroxyapatite calcium (MCHC®) contains all these minerals at a ratio that is favorable for absorption and metabolisation.

### Instructions

Food supplements are no substitute for a well-balanced diet and a healthy lifestyle. The indicated recommended daily intake should not be exceeded. Persons under constant medical care should consult a physician before taking the supplements. Product information is not to be considered a statement regarding cure; in general, we advise against self-medication without proper consultation of a doctor. Subject to mistakes and print or typographical errors.

Store in a cool and dry environment, out of reach for children.

### **MCHC® Product Groups**

MCHC® can be found in the following product groups (www.vitabasix.com):



Manufacturer:



## Important information:

Our products are manufactured in accordance with the GMP (Good Manufacturing Practice) standard. Their quality, purity and concentration are regularly tested in independent test laboratories, in keeping with the FDA (Food and Drug Administration) guidelines.

Our products should be regarded as preventive measures or measures to enhance the individual's general wellbeing. Patients must consult a doctor before using the products for the treatment of diseases.

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