

THE THERAPEUTIC BENEFITS OF 'ORGANIC SILICA.'

As distinguished from silica mineral and silicon supplements 'Organic Silicon G5' is unique in its therapeutic ability to replenish the system with sufficient silicon to allow the body to accomplish its own healing. Best regarded as a general healing tonic, it has been shown to improve a wide range of health disorders by activating a general healing response and therefore, assisting the body towards attaining naturally balanced state. Due to its calming and stabilizing effect, organic silica improves the immune system assisting with auto-immune disorders Its detoxifying effect on the lymphatic system and liver as well as its beneficial effect on the adrenal glands, could explain its usefulness in many cases discussed. Also, Organic Silicon G5 is thought to correct electrical disturbance of cells as well as initiate cellular regeneration, this may account for its diverse effects as discussed in detail below.

Silica is the second most abundant element on earth. It is an essential element of living matter and humans have a critical need for this element. Silica is a vital mineral that is almost completely overlooked by mainstream nutritionists.

Silica in mineral form has been used therapeutically, but it was absorbed inefficiently into the human body. It had traditionally gained a place in the pantheon of herbal remedies, being present in horsetail fern, bamboo and some vegetables. Work since the 1930s on absorbable mineral and organic silica showed irrefutably that organic silica could be described as an essential nutrient for both humans and other animals. In studies during the 1970s, it was found that silica supplementation aided bone and cartilage growth. In 1993, it was reported that treatment with silica could stimulate bone formation. By the 1990s, silica formulations were being used by some pharmaceutical companies on wound and burn dressings because it was recognized that silica healed wounds more quickly and could stabilize burns.

We are born with an abundance of silica and relatively low amounts of calcium. Then with every advancement in chronological age, the amount of calcium increases and the amount of silica decreases within the body. Silica enhances the function of iron, calcium, magnesium, potassium and boron, and is essential for bone development and growth. Bones need silica to re-calcify and to strengthen bone tissue. A silica deficiency in tissue causes a calcium deficiency which, in turn, results in a loss of tissue elasticity.

Silica is also one of the most important constituents of the body's connective tissue, including cartilage, vascular lining, tendons, and ligaments. It is found in the thymus gland, the adrenal glands, the liver, the spleen, the pancreas and in considerable quantity in hair. It functions as a cross-linking agent, providing strength, flexibility, and resilience to collagen and elastin connective tissues. It is known to play a part in the integrity of the bones, arterial walls skin, teeth, gums, hair and nails, and has been used to alleviate eczema and psoriasis. Recently, modern research has focused on determining the role of silica in rheumatic disorders and arterial disease.

Silica prevents and helps rectify osteoporosis and in strengthening the musculoskeletal system, preventing injuries and speeding the healing of fractures. It does this by helping in the creation of the bodys structural matrix for forming and repairing connective tissue. It also contributes to the build-up of minerals on this matrix during development. Silica is present in osteoblasts (bone forming cells) responsible for the deposition of calcium phosphate on the protein matrix of bone. It stimulates chondroblast or cartilage-forming cells to deposit proteins and other structural materials on the matrix. Finally, it helps in the building process of fiber-forming cells important to the creation of collagen.

Silica is appears to improve the cardiovascular system, decreasing the risk of coronary problems. It has been shown to be abundant (up to 14 times more) in the arteries of people who are free of heart disease. It is essential in maintaining the structural integrity, elasticity and permeability of the arteries, thereby regulating the blood pressure.

There is a relationship between silica and the rate of aluminium concentration in the brains of Alzheimers patients. Much research points to the fact that a deficiency of silica in ones diet is the causal effect of an increase of aluminum in the body, and its ultimate accumulation into the synapses of the brain. Silica plays an important role in helping the body to eliminate this accumulation of aluminium, which is a causative factor in certain forms of senility, including Alzheimers disease.

Research shows that skeletal diseases such as osteomalacia (soft bones), and osteoporosis (porous bones and/or spontaneous fractures, as well as shrinkage) although caused by a calcium deficiency, do not respond to calcium therapy alone. Research conducted in Paris, France by noted biophysicists Louis Kervran, and in the United States by Dr. Richard Barmakian, shows that fractured bones did not heal at all when high amounts of calcium were present. They heal 'fair to poorly' when moderate amounts of

calcium were present. However, they heal extremely well when relatively low amounts of calcium were present with an abundance of silica. It has been shown that in bone demineralization, silica deficiency is a precursor to calcium deficiency.

Maintaining a healthy level of silica may overall retard the aging process. The average adult body requires the maintenance of about 20 grams of silica to promote good health. However, the body metabolizes and secretes about 10-40 mg. of silica per day through urination, hair loss and nail trimming. Thus, the body's natural level of silica declines with age causing signs of aging such as bone loss, dry and wrinkled skin, weakened teeth and gums and hair loss to occur.

The properties of G5

- **It is completely non-toxic**
- **It can be assimilated directly by the human organism and by animals and plants**
- **It has a significant capacity to penetrate the skin and be diffused throughout the body, reaching those organs or areas suffering from pain, damage or malfunction**
- **It plays a vital role in restructuring the fibres of elastene and collagen, in the early stages of bone mineralisation and in the metabolism in general**
- **It accelerates the processes of cicatrisation and tissue healing**
- **It is anti-inflammatory**
- **It strengthens the immune defences of the organism**
- **It is a very efficient pain-killer which acts within a few minutes, notably for joint pain, burns, cuts and stings (wasps, mosquitoes, nettles, jellyfish, etc)**
- **It has no side-effects, even after being used for many years**
- **It is compatible with any other treatment that may be prescribed**

Why is G5 able to make rapid improvement in general health as well as curing the disease that is specifically treated?

There is conclusive evidence that organic silica plays a vital part in the general health of the human organism. We know that the amount present in the body decreases with age.

We also know that this loss cannot be prevented because the body can only assimilate silica in its organic form and cannot obtain it from the mineral form. The results obtained by drinking G5 show that it can be assimilated and that it replenishes the supply of organic silica.

Though the amount provided by the absorption of G5 decreases slowly too, it can be replenished again by another course of treatment if the patient feels their symptoms returning.

Why is it useful in some cases to drink G5 and apply it to the skin as well?

G5 acts like a rocket to carry organic silica to all parts of the body suffering from disease or disturbance, even if the latter is not causing pain. Drinking it will act on the cause of the problem, but this may take a little time. It will act first on the fundamental health problems, which are not necessarily the most acutely painful. That is why it is necessary, as explained above, when using it to treat a specific pain, to apply it also on the skin as near to the source of the pain as possible.

Directions for use

G5 comes in liquid form and as a gel. The liquid can be drunk, and both forms can be used on the skin. Typical Maintenance use: 30 mls daily (Three dessertspoons) suggested use - 6 months to 12 months. One dessertspoon daily thereafter if required. Intensive use: 30 mls three times daily for up to four months then reduce to maintenance use.

All information kindly provided by SILICIUM ESPAÑA