Serrapeptase

An Amazing Gift from The Silk Worm

By
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Nature is filled with miraculous creations. The silk worm is indeed one of those marvels. First cultivated in China 4.600 years ago, the silk worm larvae spin a cocoon which is the raw material for silk - one of the most beautiful of all fabrics.

This amazing creature possesses yet another gift which is now being heralded as a true healing miracle. Actually it is not the silkworm per se but the friendly bacteria living within the gut of the silkworm that is the source of a powerful healing enzyme called Serrapeptase.

In nature, serrapeptase is the enzyme that makes it possible for silkworms to become butterflies. After spinning its cocoon, the silkworm is then trapped inside its cocoon of strong silk threads. There's no way out!

That's when serrapeptase comes to the rescue! Without the bacteria, the butterfly could not survive. The bacteria go to work synthesizing and secreting the serrapeptase enzyme which is secreted in the silkworm's saliva.

Once the silkworm has completed its transformation into a butterfly, it uses this substance to "melt" a hole in its cocoon, enabling it to escape.

Serrapeptase has a particular affinity for the dead protein molecules at the bottom end of the strong silk threads that make up the cocoon. The enzyme, literally eats away the dead tissue of the cocoon. Minuscule amounts of this enzyme are unbelievably powerful and have shown a lasting effect.

Twenty five years ago, this naturally occurring enzyme captured the interest of Japanese biochemists who discovered that serrapeptase offered a variety health benefits. Since then it has become a favorite form of treatment by health practitioners in Asia and Europe. Serrapeptase made its debut only recently in the US, arriving on the scene in 1997.

Serrapeptase is known as a proteolytic enzyme that is an enzyme that digests or breaks down protein debris from toxins and inflammation. The healing repertoire of this humble enzyme is quite impressive; and includes digesting non-living tissue such as scar tissue, blood clots, cysts, mucus, arterial plaque and inflammation in all forms without any harmful side effects. Since living tissue is not on serrapeptase's menu, it poses no harm to healthy tissue or cells.

A Natural Anti-Inflammatory

Chronic inflammation is the epidemic of the 21st century. An inappropriate diet consisting of high glycemic, high glucose foods as well as indigestible foods causing food intolerances are responsible for creating inflammation in the blood stream. An inflammation condition will also exacerbate other health problems and compromise recovery. Aging, in itself, brings on potential inflammation and pain. It goes without saying that whatever will eliminate inflammation, not only supports the body to heal but also becomes an essential part of an effective anti-aging program.

Serrapeptase is a powerful treatment for pain and inflammation. It reduces inflammation in three ways: it breaks down the insoluble protein by-products of blood coagulation known as fibrin; it thins the fluids formed from inflammation and injury as well as facilitating their drainage which speeds the tissue repair process; it alleviates pain by inhibiting the release of specific pain-inducing substances called amines. 1

In Europe and Asia, it has been used preferentially for a wide variety of conditions such as rheumatoid arthritis and osteoarthritis , asthma, bronchitis, sinusitis, fibrocystic breast disease, carpal tunnel, edema, cystitis, epididymitis. automimmune conditions such as MS, fibromyalgia and lupus have all responded favorably.

Migraines and headaches are other health problems that are associated with arterial inflammation. Serrapeptase has been shown to be immensely helpful in alleviating migraines because it reduces inflammation. Many people report a 'miraculous' recovery.

While it has the anti-inflammatory effects of the nonsteroidal anti-inflammatory drugs such as aspirin, ibuprofen, salicylates and naproxen, Unlike NSAID's, serrapeptase is free of the serious side-effects which include stomach upset and ulceration, joint destruction, kidney problems and psychiatric reactions. In addition, serrapeptase has no inhibitory effects on prostaglandins.

Trauma Relief

Serrapeptase has also proven invaluable in accelerating the healing process for sprained muscles, torn ligaments and other traumatic injuries, leg ulcers, edema as well as post-operative inflammation..

An impressive study was conducted by German researchers to determine the effect of serrapeptase on post-operative swelling and pain. This study involved sixty-six patients who were treated surgically for fresh rupture of the ligament of the knee which is usually accompanied by significant swelling and pain.

On the third post-operative day, the group receiving serrapeptase exhibited a 50 percent reduction of swelling, compared to the controls. The patients receiving

serrapeptase also became more rapidly pain-free than the controls, and by the tenth day, the pain had disappeared completely.[2]

Serrapeptase and Mucus

Serrapeptase has another ability. It has a unique predilection for dead tissue which allows it to drain mucus from areas of damage and inflammation. In various clinical trials serrapeptase has dramatically reduced the elasticity and viscosity of nasal mucus offering great help to people with chronic sinus problems. 3

Respiratory diseases are also characterized by increased production of a more thick, dense mucus. One study showed that in chronic bronchitis, serrapeptase loosened mucus, decreased frequency of cough and increased expectoration compared to a placebo. It was able to alter the elasticity of mucus without depleting it, as often happens with medications. In fact, since serrapeptase clears out inflammation, mucus and dead/scar tissue. It is a powerful treatment for bronchial asthma, emphysema and pulmonary tuberculosis. The common theme with all of these conditions is inflammation. By clearing away problem tissue, it enables the body's own healing system to rapidly restore healthy tissue and lung function. 4

Since serrapeptase reduces inflammation and thins and drains mucus, it is a beneficial treatment for ear, nose and throat problems such as ear infections, rhinitiis and laryngitis. 5

Healing Breast Disease

A cyst or a benign fibrocystic lump that moves freely within the breast tissue characterizes fibrocystic breast disease, a condition that affects millions of women. These lumps are usually tender to the touch and their texture can vary from soft to firm. For many women, the pain and tenderness may increase as menstruation approaches. Often the cysts fill with fluid and can enlarge in response to the increase in hormonal levels. With repeated cycles of hormonal stimulation, the breast cysts may become chronically inflamed and surrounded by fibrous tissue that can harden and thicken the cysts making them painful to the touch

A double blind study, was conducted with women complaining of breast engorgement. Serrapeptase was superior to the placebo group for the improvement of breast pain, breast swelling and firmness. The researchers concluded that serrapeptase was a safe and effective treatment without any adverse reactions.6

Other inflammatory and cystic women's conditions that may respond to this proteolytic enzyme includes fibroids and endometriois. In cases of lymphedema caused by mastectomies, serrapeptase helps to reduce the swelling and drain the pooling of fluids

Safe Cardiovascular treatment and Prevention

The late legendary German physician, Dr. Hans Nieper, known for his extensive use of proteolytic enzymes, called serrapeptase the "Miracle Enzyme." He was particularly interested in the effects of serrapeptase on artherosclerosis, plaque accumulation in the arteries. He found that serrapeptase helped to digest atherosclerotic plaque without harming healthy cells lining the arterial wall. The hardened, narrow arterial wall is considered the cumulative effect of microscopic trauma with inflammation occurring in the presence of oxidized lipids. Serrapeptase goes right to work not only on the inflammation but also on dissolving the plaque. Serrapeptase also protects against stroke and is reportedly can even be more effective and quicker than EDTA Chelation treatments in removing arterial plaque. Unlike cholesterol-blocking drugs, Serrapeptase clears the dead tissue from the arterial wall without interfering with cholesterol synthesis. 7

Dr. Napier found that, " very often, surgeons are reluctant or unable to open partially closed carotid arteries using laser surgery. They fear that resulting debris could be pushed further into the smaller connecting arteries and result in a stroke and possibly death. In cases if severe arterial narrowing, I have used serrapeptase with excellent, even life-saving results. Only three tablets a day over a minimum period of twelve to eighteen months are adequate to produce results. Many of my patients have shown significantly improved blood flow through their previously constricted arteries, as confirmed by ultrasound examination." 8

Dr. Napier also reported that serrapeptase dissolved blood clots and caused varicose veins to shrink or diminish.

So, here we have an enzyme produced by bacteria living within the intestine of the silkworm that has proven to be a great boon to humanity. Since serrapeptase will help with any problem associated with dead tissue, clotted material, mucus, arterial plaque and inflammation and pain in all its forms, once again a natural product has trumped pharmaceutical drugs, hands down!

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Serrapeptase benefits the following conditions

plaque in the arteries

cysts

mucus, phlegm, catarrh

inflammation

blocked arteries...

pain of any kind

sports injuries, traumatic swelling, post operative swelling.

leg ulcers

Crohn's disease, colitis

fibromyalgia

breast engorgement, fibrocystic breast disease.

.varicose veins.

emphysema, bronchitis, bronchial asthma, bronchiectasis.

rheumatoid arthritis and lupus

chronic sinusitis, chronic ear infections, runny nose.

certain types of migraines caused by inflammation

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