

Serra-Peptidase For Life

The evolution of anti-inflammatory therapy



Scientists and physicians have long been searching for a natural substance that can effectively, and without side effects, minimize both the pain and swelling associated with chronic or acute inflammatory conditions.

That search may be ending, thanks to an enzyme called serrapeptidase.

Serrapeptidase (technically Serratia Peptidase) is a multi-functional proteolytic enzyme that **dissolves non-living tissues such as fibrin, plaque, blood clots, cysts, and inflammation in all forms** – without harming living tissue. It was originally isolated from the silkworm, which produces it to break down its hard cocoon walls.

A striking quality of serrapeptidase is **its profound ability to reduce pain**, by blocking the release of pain-inducing amines. It has received wide use as an analgesic in Europe, **where it now outsells ibuprofen, brand-name painkillers, and prescription NSAIDs** – and serrapeptidase has no gastrointestinal side effects.

Clinical studies have found that serrapeptidase prompts **anti-inflammatory** activity, **anti-edemic** activity (the lessening of fluid retention), and **fibrinolytic** activity (the dissolution of protein buildups). And its effects have been shown to be far superior to other proteolytic enzymes.

Serrapeptidase alters the elasticity and viscosity of the dense mucus produced in people with respiratory conditions. People with sinusitis, bronchitis, asthma, and pulmonary diseases show much improved structure and function of the mucus after taking serrapeptidase.

Serrapeptidase has also been found to be effective against arthritis, ear nose and throat conditions, injury-related swelling, varicose veins and other circulatory problems, and has been used to dissolve arterial plaque.

See our website at www.ohana-health.com for more information about serrapeptidase.

Serrapeptidase has been used to treat:

- pain and strain
- inflammation
- rheumatoid arthritis
- osteo-arthritis
- lupus
- fibrocystic breast disease
- ovarian cysts
- ear nose & throat infections
- bronchitis and asthma
- emphysema
- fibromyalgia
- Crohn's disease
- colitis and cystitis
- enlarged prostate
- post-operative swelling
- varicose veins
- thrombophlebitis
- migraines
- sprains and trauma
- arterial plaque



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Serra-Peptidase For Life is a special high potency serratia peptidase, utilizing enteric coated granules for maximum absorption. It is derived from non-animal, non-GMO source through a controlled fermentation. Successive purification steps including micro-filtration, fractionation, DEAE-Cellulose column chromatography, gel-filtration, aseptic filtration and freeze-drying yield this product in a highly purified form. Enteric coating protects the enzyme from being neutralized by acids in the stomach.

Each capsule contains **40,000 IU** serratia peptidase yielding **20 mg** potency.





What the Research Shows

Ear, Nose, and Throat Conditions

A study of 193 patients with acute or chronic ear, nose and throat pathologies (including laryngitis). After 3-4 days, patients taking serrapeptidase experienced a significant reduction in pain, secretion and other symptoms. Improvement was excellent or good for 97.3% of the serrapeptidase patients, compared with only 21.9% of the placebo patients.⁽¹⁾

Respiratory Conditions

In respiratory diseases characterized by increased production of dense mucus, serrapeptidase alters mucus elasticity and results in a considerable reduction in viscosity, confirming its efficacy as a mucolytic agent.^(2,3,4) A Japanese study of patients with chronic airway diseases found that treatment with serrapeptidase caused symptoms to significantly decrease, and exerted a beneficial effect on mucus clearance.⁽⁵⁾ A double-blind study of 174 patients found the degree of swelling in serrapeptidase-treated patients was consistently and significantly less than in the placebo group, without side effects.⁽⁶⁾

Available from your healthcare professional:

Fibrocystic Breast Disease

In a double-blind study of 70 patients with fibrocystic breast disease, 85.7% of the patients receiving serrapeptidase reported moderate to marked improvement in breast pain, swelling and firmness. No adverse reactions were reported and researchers concluded that “Serrapeptidase is a safe and effective method for the treatment of breast engorgement”.^(7,8)

Post-operative Swelling

In a German study, patients who had ankle ligament surgery and were given serrapeptidase had a 50% reduction in swelling after 3 days, while patients in two control groups had no reduction in swelling. The serrapeptidase patients also recovered more rapidly than the controls, becoming pain-free by the 10th day.⁽⁹⁾

Other Conditions

In a 6-week study of 20 carpal tunnel syndrome patients, 65% showed significant clinical improvement supported by significant improvement in electrophysiological parameters.⁽¹⁰⁾ In an Italian study of 20 patients with varicose veins, good to excellent improvement was reported in over 60% of the subjects taking serrapeptidase. Pain was reduced in 63% of cases, fluid buildup in 56%, and abnormal skin redness in 58%.⁽¹¹⁾



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References

- Mazzone A, et al. Evaluation of serratia peptidase in acute or chronic inflammation of otorhinolaryngology pathology: a multicentre, double-blind, randomized trial versus placebo. *J Int Med Res.* 1990; 18(5):379-88.
- Tomoda K, and Miyatam K. Some information on the composition of tracheal secretions before and after the administration of Danzen. *Exper Ther.* 1972; 477:9-16.
- Marriott C. Modification in the rheological properties of mucus by drugs. *Adv Exp Med Biol.* 1982; 144:75-84.
- Carratu L, et al. Physico-chemical and rheological research on mucolytic activity of serratiopeptidase in chronic broncho-pneumopathies. *Therapeutic Res.* Dec 1980; 937-951.
- Nakamura S, et al. Effect of the proteolytic enzyme serrapeptase in patients with chronic airway disease. *Respirology* Vol 8 #3, Sept 2003, p.316-320 doi:10.1046/j.1440-1843.2003.00482.
- Tachibana M, et al. A multi-centre, double-blind study of serrapeptase versus placebo in post-antrotomy buccal swelling. *Pharmatherapeutica*; 1984; 3(8); 526-30.
- Kee WH, Tan SL, Lee V, Salmon YM. The treatment of breast engorgement with serrapeptase (Danzen): a randomized double-blind controlled trial. *Singapore Med J.* 1989;30(1):48-54.
- Aso T et al. Breast engorgement and its treatment: Clinical effects of Danzen an anti-inflammatory enzyme preparation. *The world of Obstetrics and Gynecology (Japanese).* 1981; 33:371-9.
- Esch, PM, et al. Reduction of post-operative swelling. Objective measurement of swelling of the upper ankle joint in treatment with serrapeptase – a prospective study. *Fortschr Med.* 1989 Feb 10;107(4):67-8, 71-2.
- Panagariya A, Sharma AK. A preliminary trial of serratiopeptidase in patients with carpal tunnel syndrome. *J Assoc Physicians India*; 1999; 47 (12); 1170-1172.
- Minerva Cardioangiol, Vol. No. 10, October 1996: 515-24.

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