



The Use of SANUM Preparations in Geriatric Medicine

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Many diseases of later life begin as a result of circulatory disorders or of wear and tear in the musculo-skeletal system. Insufficiencies in blood circulation are not always attributable to arteriosclerosis. When investigating the native blood of elderly people under the darkfield microscope, apart from adherent erythrocytes in the shape of coin-rolls, one very frequently notices rigid or minimally flexible red blood corpuscles. Because erythrocytes cannot change shape very easily, micro-circulation in arterioles and capillaries is severely reduced. Thus an adequate supply of oxygen, glucose and other nutrients to the body's cells can no longer be guaranteed.

Remedies employed in geriatric medicine should contribute to an improvement in physical and mental performance of elderly people. This is particularly true of MUCOKEHL, the remedy developed on the basis of the scientific principles elaborated by Prof. Dr. Enderlein. This preparation, obtained from cultures of the mould *Mucor racemosus*, improves the fluidity of the blood, especially in the smaller blood-vessels, and enhances the flexibility of the erythrocytes. By dissolving filites and aggregates of thrombocytes, a balance between blood clotting and fibrinolysis is achieved. Combined with other SANUM preparations and complex homeopathic remedies, it enables so-called diseases of old age to be treated very effectively. Local injections of MUCOKEHL at certain

points used in Neural Therapy and Acupuncture enhance the effectiveness of the preparation.

Dementia

In our practice, when treating senile dementia, we use MUCOKEHL in ampoule form to improve the performance of the brain. The following combined injections have particularly proved their worth:

1 ampoule MUCOKEHL 6X alternating with 1 ampoule MUCOKEHL 5X

+ 1 ampoule Circulo-Injeel (Heel company)

+ 1 ampoule Cerebrum compositum (Heel company)

+ 1 ampoule Cralonin (Heel company)

This mixture can be injected intramuscularly 1-2 times a week. To improve the acid-alkaline balance, the use of SANUVIS is recommended, in the form of tablets or drops. The dosage is decided on the basis of the patient's regulatory ability: as a rule 1-2 tablets or up to 60 drops 1-3 times a day is the recommended dose.

Disorders of Cerebral Blood-supply

The mixed injection just mentioned above is also especially suited to disorders of

cerebral blood-supply. To improve the blood circulation in the brain, MUCOKEHL 5X or MUCOKEHL 6X is injected subcutaneously at the Acupuncture point GB1 (right and left, 0.2 ml on each side, once a week). To complement this, intramuscular injections of Circulo-Injeel, Cerebrum compositum and Cralonin (all from Heel Co.) may also be given. It is also possible to optimise the blood-supply to the brain with subcutaneous injections of 0.1 ml each of MUCOKEHL 5X or MUCOKEHL 6X in the cervical region, directly above the carotid pulse (right and left sides, CAUTION!).

Heart Diseases

In various heart diseases (cardiac insufficiency, angina pectoris, among others) the following intramuscular mixed injection has proved its worth in our practice:

1 ampoule MUCOKEHL in alternating potencies (5X, 6X and 7X)

+ 1 ampoule PINIKEHL 5X

+ 1 ampoule Cralonin (Heel Co.)

+ 1 ampoule SANUVIS.

In male patients with prostate problems, 1 ampoule FOMEPIKEHL 5X may be added to the mixture. In this combination the spleen preparation PINIKEHL 5X, obtained from the red-rimmed polypore (*Fomit-*



opsis pinicola), has a slightly diuretic action, thus easing the burden on the diseased heart. In Chinese Medicine the spleen is the “Master of the connective tissue”. This lymphatic organ directs the distribution of body-fluids in the organs and connective tissue; the kidneys only serve to excrete the fluids, which are rich in waste material.

Intermittent Claudication

The “shop-window disease” begins as a rule in middle age or advanced age. Risk-factors are nicotine abuse, high blood-cholesterol, genetic predisposition and an elevated homocysteine level. Arteriosclerosis may result in a reduced blood-supply to the femoral artery, and this can be alleviated by the following injections:

1 ampoule MUCOKEHL 5X subcutaneously in the groins directly above the pulse of the femoral artery (CAUTION!!!!). As well as this, the following preparations may be given as an intramuscular mixed injection:

1 ampoule Circulo-Injeel (Heel Co.)

+ 1 ampoule PINIKEHL 5X

+ 1 ampoule SANUVIS.

Daily insertion of MUCOKEHL 3X suppositories will also improve the blood-supply, also especially to the femoral artery.

Disorders of Blood-supply in Diabetes Mellitus

Because of the elevated blood-sugar level, patients with diabetes mellitus are liable to experience disorders of blood-supply in the extremities as they get older. The micro-circulation in the feet can be markedly improved with subcutaneous injections of MUCOKEHL 5X between the toes (1-2 times a week). A pre-condition for the success of this treatment is an optimum blood-sugar level. In parallel with the local injections, the following remedies are given in combination by intramuscular injection:

1 ampoule PINIKEHL 5X

+ 1 ampoule ZINKOKEHL 4X

+ 1 ampoule Circulo-Injeel (Heel Co.)

+ 1 ampoule SANUVIS.

Presbycusia

Neural therapy has proved its worth in hardness of hearing in old age. Instead of procaine, 0.2 ml each of MUCOKEHL 5X or MUCOKEHL 6X are injected subcutaneously (1-2 times a week) at the mastoid process. To improve the blood-supply to the inner ear, Circulo-Injeel (Heel Co.) and SANUVIS may be injected intramuscularly.

Diseases of the Eye

The use of SANUM preparations also has a positive influence on the eye diseases that appear with increasing age (glaucoma, cataract, macular degeneration). Locally applied subcutaneous injections of MUCOKEHL 5X or MUCOKEHL 6X, at the Acupuncture point GB1 in the temporal area (right and left), reduce the intra-ocular pressure. The clouding of the lens which is found in cataract can be improved by this injection. Also under this treatment the progression of macular degeneration can be slowed down. Daily doses of MUCOKEHL 5X eye-drops enhance the effectiveness of the injections.

The deployment of MUCOKEHL, combined with other natural remedies, can result in good therapeutic successes in various diseases of the elderly. The preparation originally developed by Prof. Dr. Enderlein inhibits the development of arteriosclerotic plaques in the arteries, enhances the blood-supply to the micro-vessels and improves the flexibility of erythrocytes. MUCOKEHL influences the fluid properties of the blood by restoring the balance between blood-clotting and fibrinolysis.

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First published in the German language in the SANUM-Post magazine (100/2012)

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