



Towards an Understanding of Pleomorphism, of Milieu Therapy and SANUM Treatment

Part II

by Dr. Thomas Rau



A. Milieu Therapy is the Basis of any Natural Therapy Treatment

From all that I have described, it should now be clear that the main tendency of any biological treatment must consist in keeping the milieu in such a state that the symbionts remain in low valencies and able to develop their energies, which are necessary for the organism. In Table 5, the various possibilities for anabolising treatments are compiled.

The SANUM company offers a large number of remedies, both regulative and for treating the milieu, and these will be described in greater detail. They should always be combined with any isopathic treatment.

Milieu therapy includes the following steps, and must be carried out over the long term:

• **Removing Regulation Blockages and Obstacles to Healing**

The most common obstacles to healing nowadays are, on the one hand, disorders from dental foci of infection and intoxications, i.e. mainly iatrogenic influences, and, on the other hand, dysbioses, including those of the intestinal system, and the resultant enterotoxic burdening, but also endobiontic dysbioses.

Obstacles to healing, in other words so-called "blockages", find expression in a diminished regulatory ability, meaning that the organism's ability to react to external stimuli and free radicals is diminished, or its inflammatory

abilities are diminished or incorrect. This leads to deposits of toxic products and the build-up of pathological protein structures in the body, called "endobiontic high valencies" by Prof. Enderlein, although nowadays they are more commonly referred to as "free radicals", "auto-immune complexes" or similar. What all these phenomena have in common is that protein structures bond with otherwise inert but toxic elements. Because of this, the cells of the body are placed in a state of impregnation and, later, degeneration.

These toxic, or "blocking" substances result in a faulty defence reaction (auto-immune process), or in a flagging of the cellular metabolism, i.e. premature ageing or the formation of tumours. The cellular metabolism diminishes and the cells degenerate.

In Enderlein's view the high-valency endobiontic particles also accumulate within the cells, blocking the cells' functioning in various ways (changes in the Golgi system of cellular "cleansing", and in the endoplasmatic reticulum).

- Alkaline treatments:
Alkaline salts: ALKALA N / Burgerstein's Alkaline mixture
- Trace elements:
Molybdenum, Manganese, Selenium (SELENOKEHL)
- Amino-acids / Unsaturated Fatty acids:
Glutamine, 2-3 g daily
Proline, Alanine (connective tissue, mesenchym)
Methionine (mesenchym, metabolic processes)
Omega-3- / Omega 6-Fatty acids (1:4) (Blend of 4 parts
Linseed oil:1 part Sunflower oil)
Evening Primrose oil (EPO, 2 caps. 3 times a day)
Linseed oil (!) 50 ml a day.
Lecithin (2-10g a day, cell walls, liver) / Choline (1g a day)
Taurine 600-1200 mg a day
Carnitine 1-2g a day
- Vitamins:
Vitamin E (800 mg a day)
Vitamin K (5-10 mg a day)
Vitamin D
Vitamin B (incl. B6, B12)
- Hormones:
Testosterone: 1-5 mg for women; 10-100 mg for men
Progesterone: 25-150 mg a day
DHEA (Di-Hydro-Epi-Androsterone) 25-100 mg. a day (not long-term)

Table 5: Anabolising substances for biological treatment of chronic, emotional and degenerative diseases.



In this cellular and mesenchymal area, SANUM treatment offers a very effective solution, so that the protein structures and their dynamics can be changed, and it intervenes on various levels.

• **Alkalinising Measures: Alkaline Treatments / Anabolising Treatments**

A comparison of the anabolic and degenerative energies, plus a list of the various alkaline treatments will be found in Table 6.

• **Considering a Diet low in Endobionts that will Promote Regulation**

The body must be relieved of its burden, the metabolic functions stimulated and the organism detoxified. In this way, a clear improvement will be achieved in the constructive energies of the tissues, the hormonal production of the glands and the purifying functions of the liver and kidneys. The healing energies and the immune system will be strengthened. A large part of chronic disease is brought about through faulty nutrition over a long period of time, particularly by food which is too rich in protein and too acid-forming.

With the dietary adjustment shown below, the body is enabled to regain and enhance its reactivity, which is a precondition of any real healing.

The instructions include only „forbidden“ items. Permitted and important are all fresh plant foods, vegetables, fruits, chestnuts, potatoes, maize, rice, legumes, as are cold-pressed vegetable oils.

Principle: - Anabolic forces are alkaline, rejuvenative
 - Degenerative forces are acidic, overstructuring, aging
 - Parasympathetic nervous system alkalizes, sympathetic nervous system acidifies
 - Optimal pH:
 Urine: morning 6,6 - 7,0; evening 6,8 - 7,2
 Stool: 6,2 - 6,8
 Blood/lymph: 7,28 - 7,35

Diet: Dr. Rau's Diet: no meat, no dairy products, no sugar, low protein
Alkaline food:
 stewed vegetables and fruits, beans, rice, avocado, potatoes, chestnuts, porridge
Teas, drinks: lime-blossom tea, peppermint tea, alkaline ionized water!
 No fruit juice!
 Big breakfast, small lunch, only a light evening meal

Alkaline Treatment:
 - Colonic cleansing, breathing exercise, thermotherapy
 - Fever therapy
 - Yoga, meditation, hypnosis etc.

Alkalinizing remedies/ SANUM Preparations:
 - ALKALA N
 - SANUVIS
 - UTILIN "S"
 - All isopathic preparations support anabolic forces
 - MAPURIT
 - ZINKOKEHL
 - All + or ++ minerals (they reduce the concentration of hydrogen ions)
 - Liver remedies: support protein metabolism and bile: Nux vomica, TARAXAN, MUSCARSAN, B vitamins, organ extracts

Table 6: Comparison of anabolic and degenerative forces and a list of different alkaline treatments

• **Building up the Intestinal Flora with SANUM Preparations**
 (see Part I of the article)

B. Explanation of the SANUM Preparations and how they are Combined

The SANUM company produces various groups of medicines with a very large number of preparations.

The remedies have a logical structure and intervene in the regulatory process on various levels. There is no other palette of medicines that acts in the same way on the basis of regulatory events, on the mesenchym, and stimulates the humoral and cellular immune powers. In Table 8, the various groups of SANUM medicines are listed.



1. The Groups of SANUM Preparations in Detail

• Orthomolecular Substances

(Trace elements, polyunsaturated fatty acids, vitamins, certain medicines of herbal origin) improve the cell metabolism, the

membrane potential and, with it, the reactivity of the cells.

Examples: MAPURIT, Selenium methionine, LIPISCOR, Biofrid salmon oil.

Particularly interesting are the trace elements in low homœo-

pathic potency, which have a catalytic action on the cells: ZINKOKEHL and SELENOKEHL.

• Herbal Remedies:

SANUM produce a few very noticeable herbal extract reme-

- **Cereals:** millet, barley, oats, spelt are good; wheat products / bread, use very sparingly.
- **Little meat: meat once a week at the most**
(better, but no more often, chicken, turkey or fish)
- **Absolutely no pork, no pork products/sausage**
(Meat consists of amino-acids and saturated fats, is high in acid and thickens body fluids. Pork is particularly high in Sulphur and binds toxins in the tissues.)
- **Don't drink any milk**
- **No cow's milk products or cheese**
- **Absolutely no yoghurt, no quark**
(Protein from cow's milk thickens lymph, makes you „cold“, is mucus-forming and burdens the immune system)
- **No sugar and no sugary foods**
(Sugar is very acid-forming, burdens the metabolism; also avoid creams with egg and ice cream)
Honey, pear, maple syrup; raw/cane sugar: a little allowed for sweetening
- **No food containing hen's egg**
Hen's-egg protein is the second most frequent food-allergen. On starting a diet adjustment, hen's eggs should be avoided for weeks/months; later 3-min. eggs allowed at the most.
- **Take care with oranges, kiwi fruit, mandarins**
Citrus fruits are often allergens, sprayed a lot, acid-forming.
- **No fruit in the evening**
Fruit eaten in the evening ferments, forms alcohol, burdens the liver
- **No fruit juices!**
At breakfast a little grapefruit juice or ½ grapefruit allowed
- **Drink large quantities, water low in mineral content**
Large amounts of water promote exchange of materials, detoxify. 3 litres a day!
Drink between meals, not at meals.
- **No alcohol**
Alcohol burdens the liver and detracts from its other detoxifying functions.

Table 7: Simple instructions for relieving pressure on metabolism and de-acidifying the organism



dies. Via their cell-activating or tanning action, they have an influence on the redox potential (LEPTOSPERMUSAN) or the intestinal flora and digestive energies: OKOUBASAN, US-NEABASAN, SILVAYSAN. Other products act via the activation of the immune defence: RELIVORA KOMPLEX and EPISCORIT.

• **Organic Acids in Homaccord Form**

The high valencies of symbionts,

particularly the fungal forms, create organic acids, with which they stabilise their own milieu. By means of „neutralising“ these organic acids, the high valency can be deprived of its natural milieu. For this purpose, the organic acids Lactic acid (SANUVIS) and Citric acid (CITROKEHL) have been produced as homœopathic remedies.

The preparation of Formic acid known as FORMASAN has a more unspecific action on all

valencies of Penicillium, and also acts as a general regulatory stimulant.

• **Acid-Alkaline Regulators**

These alter the permeability of the mesenchym and its ability to transport materials thus improving the organism's regulatory ability. Their action is complemented by an alkaline diet, which is low in animal proteins. Recent investigations show that in an alkaline milieu, the molecular structure of the polysaccharides in

Isopathics:

- Reduce incidence of bacterial pathogenicity
- Reduce higher stages to lower valencies within the cyclogeny
- Are effective in all viral, bacterial and mycotic problems, acute or chronic

Forms: Penicillium preparations

Aspergillus and Mucor preparations

Candida preparations

Milieu treatments:

Forms: Alkaline remedies: ALKALA N+T, SANUVIS, etc.

Organic acid preparations:

Metabolic preparations: SANUVIS, CITROKEHL, FORMASAN

Orthomolecular remedies:

- Alter the milieu and favour the reverse (downward) development of endobionts
- Support detoxification and treatment of regulation blockages
- Alter cell membrane potentials and intracellular pH levels

Forms: LIPISCOR (Omega-3-fatty acids), MAPURIT, Methionine, etc.

Phytotherapy remedies and cell preparations:

- REBAS and THYMOKEHL have a stimulant action on the lymphocytes
- OKOUBASAN: tanning agent, acts on the upper gastro-intestinal tract
- LEPTOSPERMUSAN: remedy for parasites, but also employed in treatment of cancer

Immunobiological remedies / Bacterial preparations:

- preparations of non-pathogenic bacteria, aimed at stimulation of lymphocytes to combat cyclogenous bacteria; in general have very strong immunostimulatory action

Haptens:

- Polysaccharides; mark cell-wall partial antigens of CWD forms, raise the immunological recognisability of CWD bacteria.

Table 8: The groups of SANUM preparations

the interstitial fluid is better ordered, and this improves its transport functions for exchange of both materials and energy.

The main remedy for the mesenchym and lymph is ALKALA; alkaline remedies for the cells are MAPURIT, SANUVIS and ZINKOKEHL (see Table 5).

- **Isopathic Medicines**

These are the fundamental remedies for influencing pleomorphic processes. On the one hand, they are able to reduce high-molecular, pathological protein structures („endobiotic high valencies“) down into physiological, non-pathogenic bacterial forms or other low valencies, and, on the other hand, they simultaneously avoid the upward development of the latter into microbiological structures such as viruses, bacteria or fungi. Thus, they are very effective in the area of the intestinal flora, where they have a normalising action. This is supported especially by a diet, which protects the intestinal flora, avoiding cow's milk products and sugar and includes only modest quantities of hen's eggs and meat (see Table 7).

- **Immunobiological Preparations**

use bacterial stimuli to achieve the (scientifically well proven) stimulation of the macrophages, as well as the lymph cells, particularly T-cells. Using the palette of SANUM immunobiological treatments, we can achieve active absorption and immune fixation of pathological proteins.

The following explanatory model helps to understand the immunobiological products: In the upward cyclogenic development, the symbionts also pass through bacterial stages. These bacteria are described in detail in Enderlein's work „The Cyclogeny of Bacteria“ (Semmelweis-Verlag, Hoya). The cyclogenic bacteria are in part *non-pathogenic*, but are similar to other pathogenic microbes. Now, if lysates are produced from cultures of non-pathogenic bacteria and administered to a human being, the macrophages or the T-lymphocytes react to this with an activation, which is also directed against pathogenic bacteria. This phenomenon is known, for instance, in non-pathogenic streptococcus of the oral mucosa, and the hæmolytic streptococcus of angina (sore throat). The body's resistance to both is activated by RECARCIN.

Depending on the immunobiological product (bacterial preparation) chosen, either T-cell activity will be stimulated, as in viral diseases, e.g. by „tuberculinic“ preparations such as *Propionibacterium avidum* or *Mycobacterium phlei*; or the macrophages (granulocytes) will be stimulated to act against the long-acting forms of bacteria, which are encountered more and more frequently. This process is particularly effective in chronic dysbioses (nests of bacteria in the intestinal crypts) and in dead teeth, where Siphonospora (ARTHROKEHLAN / Corynebacteria preparations) is obligatory.

Thus, in holistic dentistry, particularly when treating dental foci of infection, the immunobiological remedy ARTHROKEHLANA is indispensable.

- **Haptens (SANUKEHL Preparations)**

These consist of extracted components of polysaccharides.

In order to understand haptens, the principle behind them must be explained: certain bacteria are capable of surviving antibiotic treatment, mutating in a far-reaching way by losing their cell wall and becoming „CWD bacteria“ (= cell-wall-deficient). They are able to cross through tissue like an amœba, or to mutate into so-called „depot forms“ (see Lida Mattmann: „Cell Wall Deficient Forms“). The critical point here is that these bacteria are still capable of causing diseases, but their antigenicity is only slight because they have lost their cell wall structure. Losing the cell wall is a frequent occurrence. The process is favoured not only by antibiotics, but by other conserving influences, contact with solvents and a shortage of unsaturated fatty acids and phospholipids.

In diseases such as Reiter's syndrome, ankylosing spondylitis, possibly also polyarthritis, atypical pneumonias, possibly also fibromyalgias, sarcoidosis and others, CWD bacteria are suspected of being the cause. CWD bacteria are increasingly becoming contributory factors in malignant tumours. *Serratia marcescens* is suspected of being the pathogen.

Isopathics: (= low-valency regulators of the corresponding culminant forms)

Penicillium preparations:

- *NOTAKEHL* (*P. chrysogenum*)
- *FORTAKEHL* (*P. roquefortii*)
- *QUENTAKEHL* (*P. glabrum*)

Candida preparations:

- *PEFRAKEHL* (*Candida parapsilosis*)
- *ALBICANSAN* (*Candida albicans*)
- *EXMYKEHL* (Combination of *ALBICANSAN*, *FORTAKEHL*, *PEFRAKEHL*)

Other fungal preparations:

- *MUCOKEHL / Mucohäm* (*Mucor racemosus*)
- *NIGERSAN* (*Aspergillus niger*)
- *SANKOMBI* (1:1 combination of *Muc.* & *Nig.*)
- *RUBERKEHL* (*Aspergillus ruber*)
- *ASPERGILLUS ORYZÆ* (*Aspergillus oryzae*)
- *MUCEDOKEHL* (*Mucor mucedo*)
- *LARIFIKEHL* (*Laricifomes officinalis e mycelio*)
- *PINIKEHL* (*Fomitopsis pinicola e mycelio*)

Bacterial preparations / Immunobiologica:

- *UTILIN* (*Bacillus subtilis*)
- *RECARCIN* (*Bacillus firmus*)
- *LATENSIN* (*Bacillus cereus, tuberculinic*)
- *UTILIN „S“* (*Mycobact. phlei, tuberculinic*)
- *BOVISAN* (*Mycobact. bovis, strongly tuberculinic*)
- *PROPIONIBACTERIUM AVIDUM (= LEPTUCIN)*
- *ARTHROKEHLAN A and U* (*Siphonospora polymorpha*)

Table 9: Systematic survey of the most important Isopathic and Immunobiological Enderlein preparations.

Thus, the quest was on to find a way of restoring the antigenicity of these bacteria, so that they could be attacked by granulocytes and „digested“ enzymatically.

With this in mind, SANUM produced partial antigens from the cell walls of frequently-occurring bacteria, which would attach themselves to the corresponding CWD bacteria and thus improve their antigenic recognisability.

This last group - the SANU-KEHL preparations (haptens) - is employed specially in long-lasting and „vague“ disorders according to the Principle Healing with Similar, and in illnesses, in which bacteria play a part and/or resistance to antibiotics is developing. Haptens are prescribed on a long-term basis.

This whole palette of SANUM remedies is logically structured.

The combined milieu treatment, using SANUM remedies, therefore makes an ideal complement to any energy-based therapy and often constitutes a precondition for homœopathic treatment, or a subtle-energy therapy.

2. The Logical Combination of SANUM Preparations

A simple introduction to the choice of remedy combination: for every

isopathic remedy, there are associated immunobiological preparations, an organic acid product and haptens. As already described above, the affiliation of the various medicines follows the way of thinking arising from the cyclogeny, as portrayed in Fig. 1.

C. Practical Procedure in Combining SANUM Preparations

1. The Isopathic Remedy: The isopathic remedy forms the basis of treatment. This is chosen according to the patient's constitution and the association of the illness with the various cycles (see Table 3, Part I). Therapists who use darkfield microscopy can also derive indications as to the choice of remedy from this, particularly on the basis of the upward development of the symbionts.

The isopathic remedy is efficacious on its own, but its action will be powerfully augmented by treatment of the milieu. It must be borne in mind that the low valency resulting from the isopathic treatment demands quite a different milieu from the high valency. For this reason, additionally, an **alkaline treatment** and **orthomolecular milieu alteration** must be carried out: MAPURIT, ALKALA, and possibly, in the case of neurological complaints, high doses of unsaturated fatty acids (LIPISCOR).

If this concurrent milieu therapy is not carried out, success will remain elusive, since the low valencies which developed as a

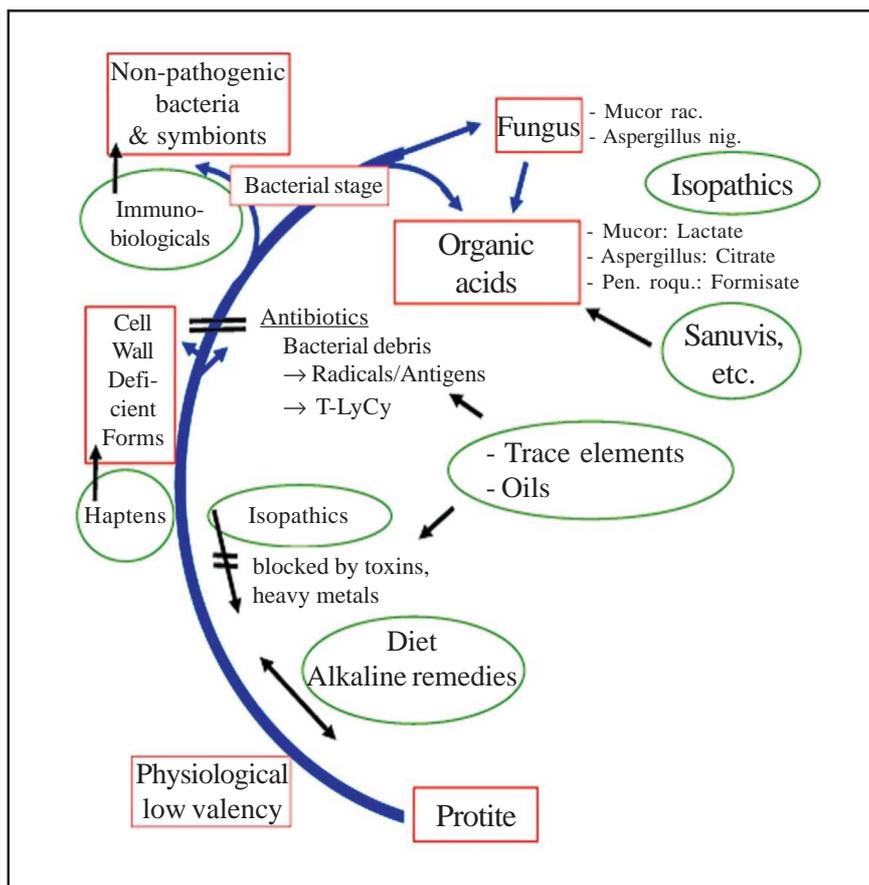


Fig. 1: The theory of Cyclogeny of Bacteria according to Prof. Enderlein, to assist in understanding the action of SANUM preparations

result of the isopathic treatment will immediately start to evolve upwards again!

Therapists will practically always be on the right track if they give ALKALA in combination with the isopathic remedy, whilst prescribing a diet, which is high in alkaline foods and low in animal protein.

Additionally, in chronic diseases, at intervals a **build-up of the intestinal flora** must be carried out (see Table 1, Part I), because the main reservoir of a pathogenic bacteria and symbiotic low valencies should be in the gut. It is recommended to carry out a routine building-up treatment of

the intestinal flora at the outset of biological treatments, and thereafter every three-six months.

In people who are susceptible to infections, or who have chronic bacterial diseases, isopathic treatment should be constant and long-term, i.e. over six to twelve months.

In such patients, it is also recommended that isopathic treatment should begin with a 3-week course of NOTAKEHL (5X tablets, one 3-6 times a day); following that, either the building-up treatment for intestinal flora should take place, or else treatment should proceed



according to constitutional criteria.

2. Immunobiological Bacterial Preparations

Using these remedies, a completely different level of the immune system is activated; also from the cyclogenic angle the starting point is quite different: in every cycle, i.e. in every cyclogenic upward development, there are bacterial stages which are in part non-pathogenic. Enderlein's understanding was that these bacteria are very similar to certain pathogenic bacteria. The lyophilized, non-pathogenic bacteria in the SANUM immuno-biological remedies are recognised by the patient's leucocytes, and stimulate them. The preparations known as UTILIN and RECARCIN, as well as ARTHROKEHLAN activate the granulocytes, inter alia; the „tuberculinic“ immuno-biological remedies LATENSIN, UTILIN „S“ and BOVISAN activate the lymphocytes, inter alia. In the case of PROPIONIBACTERIUM AVIDUM, it appears that both types of cell are activated.

In-vitro lymphocyte stimulation tests were carried out, and a more powerful lymphocyte activation was demonstrated in the case of the SANUM immuno-biological remedy UTILIN „S“ than from well-known preparations of thymus and mistletoe.

Thus, when we are dealing with an illness, in which bacteria are

suspected as causative co-factors, immuno-biological remedies should be administered in addition to the isopathic treatment. In this case, the stimulated granulocytes or lymphocytes should be in a better position to attack the bacteria which are related to the immuno-biological remedy.

Alike the selection of an isopathic remedy, the prescribed immuno-biological remedy depends on the patient's constitution and the disease picture, but also on the administered isopathic remedy.

There is quite an important concomitant factor of the immunobiological stimulation effected by RECARCIN and UTILIN, and that is the enzymatic activity of the granulocytes that have been stimulated: activated macrophages (polymorphonuclear granulocytes) develop their action via proteolytic enzymes, which „digest“ the toxins and bacteria.

Due to this fact, the two remedies, UTILIN and RECARCIN are also employed in all cases of malignant tumours and sometimes also when treating chronic inflammatory diseases. Normal dosage is 1 capsule of the 6X weekly, taken either in the late evening or quite early in the morning. If both remedies are being used, then they are to be taken on different days.

Where children are concerned, it is recommended that UTILIN

6X drops and RECARCIN 6X drops are massaged into the hollows of the elbows, the daily dose being one drop of each remedy. The main indications are allergies and susceptibility to infections; the applications should continue for several months!

3. Organic Acid Preparations: (SANUVIS, CITROKEHL, FORMASAN)

The use of acids in homœopathic potency is very straightforward. These metabolic products are available as harmonic potencies (potency accords). The substances are run up to various decimal potencies (4X, 6X, 10X, 12X, 30X, 200X), and combined in equal parts, varying in composition according to the preparation.

The high valencies from the various cycles produce organic acids, with which they safeguard their own milieu.

Treating with SANUVIS, CITROKEHL and FORMASAN is in accord with the isopathic principle that the same will heal the same.

It has been shown that isopathics clearly act better when the appropriate acid preparation is prescribed concurrently. The low valencies are kept in check better: *Mucor racemosus* requires SANUVIS, *Aspergillus niger* requires CITROKEHL, and *Penicillium chrysogenum* (or *notatum*) and *glabrum* require FORMASAN.



UTILIN (Bacillus subtilis):

- susceptibility to infections
- malignant tumours of all kinds
- allergies, asthma (at start of treatment for 1-2 months; later UTILIN „S“)
- chronic inflammatory illnesses (low dosage initially)
- long-term treatment of cardiovascular diseases
- all Mucor racemosus problems

RECARCIN (Bacillus firmus):

- dysbioses
- diseases of the upper abdominal organs, e.g. pancreatitis, hepatitis, cholecystitis
- infections of stomach/small intestine, parasites, Helicobacter, Borellia
- tumours of the hollow organs
- susceptibility to infections
- all Penicillium roquefortii problems

ARTHROKEHLANA and U (Propionibact. acnes, Corynebact. sp.):

- dental infective foci and root-canal-treated teeth
- illnesses correlated with dental foci, e.g. neuralgias, joint problems
- chronic skin diseases, folliculitis
- chronic gingival disorders

LATENSIN (Bacillus cereus): (tuberculinic)

- mild immune stimulant, in parenteral use, inter alia
- osteoporosis, fibromyalgia
- non-specific stimulant in chronic „tuberculinic weaknesses“
- at outset of treatment, before use of UTILIN „S“ or PROPIONIBACTERIUM AVIDUM
- degenerative complaints of the joints
- chronic renal problems, neurodermitis

UTILIN „S“ (Mycobacterium phlei): (non-pathogenic to humans)

- strong stimulation of lymphocytes, immune stimulation
- all „tuberculine diseases“, even if no mycobacteria are shown to be present
- „paratuberculoses“, such as pulmonary fibrosis, sarcoidosis, allergies, asthma
- cysts, illnesses forming fistulas
- chronic renal problems
- skin diseases such as neurodermitis (caution: give small dosage!)
- chronic viral diseases (not in HIV, too strong)
- BOVISAN is even stronger, indications the same

PROPIONIBACTERIUM AVIDUM:

- strongest immune stimulant (dosage: only one caps. a week)
- chronic headaches
- chronic diseases of the central nervous system
- chronic fatigue syndrome
- associated cycle: Candida preparations (PEFRAKEHL, ALBICANSAN)

Table 10: A few indications for the SANUM immunobiological remedies



4. Haptens

Cell-wall-deficient bacteria come into being where there is a mochlotic block to normal upward or downward development, in most cases owing to antibiotic or toxic influences. This probably means that the CWD forms are out of reach of the action of isopathic remedies. They also originate from bacteria, however, which in turn derive their origin from pleomorphic upward development.

Haptens give the CWD forms a stronger antigenicity, allowing

them to be more easily spotted by macrophages and/or monocytes/lymphocytes.

Thus, once again, for each hapten, there is an isopathic remedy and an immunobiological one that can be allocated to it (see Table 11).

The choice of hapten depends on the similarity of the clinical picture to known bacterial illnesses:

Examples:

The bacterial disease brucellosis (shepherd's disease, undulant fever) is hardly seen nowadays,

but it gave rise to discitis, spinal pains, abdominal/genital pains, chronic undulating high fever, inflammatory tendencies and swollen joints. Because of the similarity it reminds us of polyarthritis, and so we prescribe SANUKEHL Brucel in such illnesses.

Or streptococci, which used to cause rheumatic fever, carditis and nephritis. Nowadays, these bacterial diseases are hardly seen, which cannot be said of other similar diseases such as „auto-immune“ phenomena, or other sterile conditions, where

<u>Isopathic</u>	<u>Organic acid</u>	<u>Immuno-biological medicine</u>	<u>Hapten</u> SANUKEHL
NOTAKEHL Penicillium chrysogenum	FORMASAN	UTILIN	Staph/Strep
FORTAKEHL Penicillium roquefortii	FORMASAN	RECARCIN	Prot/Brucel/Strep
QUENTAKEHL Penicillium glabrum	FORMASAN	PROPIONIBACTERIUM AVIDUM maybe UTILIN	Staph/Strep
MUCOKEHL Mucor racemosus	SANUVIS	UTILIN maybe RECARCIN	Coli/Brucel/Pseu/ maybe Serra
MUCEDOKEHL Mucor mucedo	SANUVIS	RECARCIN UTILIN PROPIONIBACTERIUM AVIDUM	Coli/Salm
NIGERSAN Aspergillus niger	CITROKEHL	UTILIN „S“ LATENSIN	Myc
PEFRAKEHL Candida parapsilosis	SANUVIS	ARTHROKEHLAN A or U PROPIONIBACTERIUM AVIDUM	Cand/ maybe Trich
ALBICANSAN Candida albicans	SANUVIS	ARTHROKEHLAN A or U PROPIONIBACTERIUM AVIDUM maybe RECARCIN	Cand

Table 11: Combination of SANUM remedy groups



the presence of bacteria cannot be demonstrated. Such diseases therefore call for long-term treatment with the similar hapten: SANUKEHL Strep. In diverticulitis, we give SANUKEHL Coli and Pseu, in chronic cystitis SANUKEHL Coli and Pseu; in carcinoma SANUKEHL Serra, in cancer of the colon SANUKEHL Coli, in lung cancer (tuberculinic) SANUKEHL Myc.

We also always prescribe the SANUKEHL preparations in conjunction with preparations of mistletoe. Haptens should be given concurrently with the isopathics and immunobiological remedies, and the dosage is then up to 10 drops twice daily, massaged in and/or orally; in the latter case they should be held insalivated thoroughly.

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