Treatment of "old" Borreliosis cases
and other
Bacterial Infections that have become Chronic

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Background
In writing this article I am not following a trend; it is because I myself have been afflicted by a neuro-borreliosis for more than 40 years. Thus on the one hand I am acquainted with the consequences of this disease, and on the other hand I have expended much energy on finding a solution to the problem of borreliosis. In 1992 this reached the point where I gave up my career as a physicist in industry and in 1993 I set up as an independent Naturopath.

It all began when I was 13 years old. After a feverish illness, which was regarded as a trivial infection, losses of concentration and disordered co-ordination occurred, and since then these have dogged my pathway through life, with a tendency to get worse. It was not until 2002 that my attention turned to the borreliosis problem. On the advice of an expert I underwent a diagnostic test for borreliosis, using a lymphocyte transformation procedure.

This produced an immune response from the T-cells to the specific OspA-(p31) antigen of Borrelia burgdorferi s.l, so that it was safe to assume that I had been in contact with this pathogen. At that point I was absolutely certain that I had not contracted any fresh borrelia infection, and the neurological symptoms had been making their presence felt for 37 years, so I concluded from this that an unknown neuro-borreliosis must originally have been implicated in my health disaster.

The above-mentioned borreliosis expert was then able to demonstrate the presence of spiral shapes in the dark-field image of my blood, and on the basis of his experience he was able to identify these as borrelia. However, he did not have any treatment that he could recommend. On the contrary, in his experience such old cases of borreliosis did not even respond to high doses of antibiotics over a period of 40 days.

Thus I was left with no other course of action but to find a solution myself, building on the Natural Therapy solutions of which I was aware.

I was able to develop an efficacious treatment step-by-step by making use of the "Biofeld" test [1], a radiæsthetic testing procedure. [Biofeld = biological energy field.] The "Biofeld" test permits a direct tuning of the resonance relationship between a stress ampoule, such as an ampoule of Borrelia b. 3X and a potential remedy. This establishes a direct measure of this remedy's efficacy and, within the framework of this task, it was essentially employed in order to qualify suitable remedies. Furthermore, by using suitable test ampoules, it is possible to obtain results from a blood sample which has been dried on a paper carrier, and to work out treatments and investigate these regarding their efficiency.

I then tested each of the treatments, worked out purely empirically, on an acute episode of the borreliosis. This was a fascinating development which went on over several years.

It would be very instructive to set out all the partial steps and learning experiences which have led me to the treatment that I am presenting here. However, I shall refrain from this, because it would exceed the available space. Instead, I shall present the final outcome and justify the remedies that I used.

The Situation at the Outset
As I explained above, for decades I was unaware of the existence of the borreliosis. In more recent years I had detected tangible expressions of it again and again in the dental area. In 2005 I lost the lower front tooth (No. 41) [= lower right 1]. In the space of a few days a marked inflammation built up in the tooth and surrounding gum and was uncontrollable. NOTAKEHL and RECARCIN had helped frequently in previous inflammations of the gum, but rubbing these in proved totally ineffective. The tooth was already very loose, and all the dentist could do was extract it.

It was only later that I found out that a dental problem like that can also be the result of an acute episode of a larvate borreliosis.

All the subsequent acute episodes of the borreliosis manifested in the dental area in the same places. After this suspected diagnosis I was always able to confirm this by using the "Biofeld" test. So far I have not had to sacrifice another tooth, thanks to the progress in treatment which was made.
possible by the acute episodes and verified at the same time.

Beside cleansing of the milieu, the isopathic remedy NOTAKEHL is always called upon in all bacterial infections, possibly also supported by UTILIN "S".

On the practical level I find that NOTAKEHL works splendidly on its own in all acute staphylococcal infections. It is much less effective with streptococci. In the case of spirochetes such as borrelia, brucella, enterococci, meningococci etc., in my experience only a slight action is perceptible.

**Pillars of Borreliosis Treatment**

The treatment of borreliosis presented in this article is based on five pillars, which I shall now briefly describe:

1. **Isopathic Therapy**

With the aid of the "Biofeld" test an investigation was carried out as to which isopathic remedies resonated with borrelia and thus might qualify as potential curative agents. Initially a resonance with NOTAKEHL was established, although only a weak one. Therefore any hope of efficacious treatment can be excluded, and this is confirmed in practice. Then a similarly weak resonance was found in the case of PENICILLIUM BREVICOMPACTUM (also known as STOLONIKEHL). Surprisingly, a simultaneous application of NOTAKEHL and PENICILLIUM BREVICOMPACTUM 6X produced a strong resonance with the Borrelia ampoule. This enhanced action of the two remedies is the sign of a marked synergy.

These two remedies saved my lower front tooth (No.31) [= lower left 1] when an acute episode of the larvate borreliosis occurred there in 2005. More or less from one day to the next the area of the tooth became severely inflamed and the tooth itself was extremely painful on biting. Thereupon I carried out the following treatment:

Three times a day I massaged into the gum 1/3 contents of a capsule of NOTAKEHL 4X (D4) and 8 drops of PENICILLIUM BREVICOMPACTUM 6X (D6). As well as this, I also took 1 capsule of NOTAKEHL 4X and 8 drops of PENICILLIUM BREVICOMPACTUM 6X, each morning and evening.

Under the influence of this simple treatment the acute inflammation disappeared completely within a few days, and the tooth was once again pain-free. After three weeks I terminated the treatment on the assumption that I had found an efficacious method of taking out acute borreliosis infections.

2. **Treating the Milieu**

Because of relapses that occurred subsequently, I found myself compelled to hone the treatment further. Normally, whenever treating for microbial infections, a milieu cleansing is the second prong of the attack. FORMASAN, a mixed potency of Formic acid in 6X/12X/30X/200X is usually employed for this purpose. By means of the "Biofeld" test I next investigated which of the SANUM remedies might reinforce the combined treatment using NOTAKEHL and STOLONIKEHL. For my disease picture FORMASAN, as already mentioned, plus CITROKEHL, the harmonic potency scale of Citric acid in 10X/30X/200X came up. CITROKEHL reinforces the action of PENICILLIUM BREVICOMPACTUM 6X and FORMASAN reinforces the action of NOTAKEHL. On closer investigation, it emerged that vibrationally FORMASAN did not exactly match the harmonics of the four remedies, and therefore could not act adequately. However, this deficiency can be made good if Acidum formicicum 4X is added. Extending the harmonic potencies of Formic acid in this way gives effective support to the action of NOTAKEHL.

3. **Treatment by means of Reintoxins [= purified toxins]**

By combining NOTAKEHL and PENICILLIUM BREVICOMPACTUM 6X, together with the expanded milieu therapy as described above, the efficacy of the Isopathic therapy could certainly be substantially enhanced, but it was not enough to prevent the occurrence of further relapses in the dental area. I therefore began to search for medicines outside the isopathic sphere. The precondition was that such remedies as I might now find could be added to the four fundamental remedies I had already discovered without disturbing the resonance. Finally I struck lucky with the Reintoxins
[= purified toxins] produced by the Horvi-Enzymed company(2), being purified snake venoms. These amount to highly complex enzymes with a broad spectrum of application and the potential for acting even deep within the cell nucleus. Reintoxin Crotalus, the venom of the rattlesnake, and Reintoxin Triturus, which is salamander venom, fulfil the required conditions ideally. Both Reintoxins resonate with borrelia in their own way and also support the isopathic remedies. Triturus supports NOTAKEHL. Crotalus, which for its part is catalysed by Vitamin B1 (2), supports PENICILLIUM BREVICOMPACTUM 6X. Both Reintoxins complement each other synergistically, just as NOTAKEHL and PENICILLIUM BREVICOMPACTUM 6X do on the isopathic side. Those who are familiar with Reintoxins may be surprised that in this case Crotalus is not catalysed by Curare - as is recommended by Horvi (3). The reason for this is that Curare does not resonate at all with the totality of the complex. Vitamin B1, on the other hand, catalyses Crotalus on its own less powerfully than Curare, but does so for the complex with Triturus all the more powerfully.

When tested on an acute episode in the dental area, it was clear that the addition of the Reintoxins Crotalus and Triturus (one ampoule of each daily i.m.) resulted in the deeply buried, fixed borrelia toxins being released on a massive scale. The borrelia toxins thus released have to be skimmed off, because otherwise the treatment dies out. A search using the "Biofeld" test came up with two complementary remedies, which could be added to the existing treatment, matching the resonance, and would skim off the liberated toxins when combined with appropriate drainage remedies. The remedies in question were USNEABASAN, the beard lichen, and Petadolex (4), made from the Common Butterbur, which is normally used for treating migraines.

Initially when the Reintoxins are introduced into the treatment, large amounts of borrelia toxins are released, so that large amounts of the herbal remedies have to be given. I needed 20 drops of USNEABASAN 5-6 times a day. I injected 5 ml Petadolex i.m. once or twice a day. This effectively takes the toxins outside the body, so that the borrelia treatment can work on undisturbed. Clearly this plumbed greater depths in the treatment of the borrelia, which could be measured using the "Biofeld" test, and was detectable by the substantially longer intervals between relapses. Furthermore the treatment works more rapidly, and the fixed borrelia toxins are reduced to a fraction of what they were.

I shall report on the complete breakdown of the borrelia toxins in a later study.

4. Immunomodulation
Every chronic infection also points to a weakness in the immune system. Among the immunomodulators offered by SANUM, with the help of the "Biofeld" test it was possible to integrate UTILIN "S" and RECARCIN into the existing treatment. UTILIN "S" works together with NOTAKEHL and the Reintoxin Triturus. RECARCIN works together with PENICILLIUM BREVICOMPACTUM 6X and the Reintoxin Crotalus. Especially with dental infective foci, RECARCIN proves to be extremely helpful. In the course of the treatment so far derived, if the contents of a capsule of RECARCIN 4X are massaged into the gum, relief is often noticed immediately. RECARCIN generally proves to be a potent remedy in affections around the gums, providing immediately detectable relief when massaged into the irritated area. UTILIN "S" is not so immediately detectable, but it takes the action of NOTAKEHL and Reintoxin Triturus to a deeper level. Thus I give them as follows over quite a long period of time: once a week in the evening, one capsule of UTILIN "S". As well as massaging it into the gum, RECARCIN can be given in a similar way. If both preparations are given orally in capsule form, they are given in alternate weeks.

5. Haptene treatment
A further possible way of stimulating the immune system is provided by the haptons (5). By giving appropriate SANUKHELS (haptons), the formation of immune complexes is induced.

With the aid of the "Biofeld" test it is possible to check whether the action of the treatment indicated so far may be boosted still further by the possible addition
of SANUKEHLS. In my case the SANUKEHLS Brucel, Myc and Pseu proved helpful. Indeed, by massaging in 4 drops of each once a day, it proved possible to overcome a block to treatment during one of the relapses referred to previously. In an acute episode one can detect whether the treatment is taking hold or stagnating within one or two days.

Discussion
The remedies chosen for the borreliosis treatment presented here are shown together in Fig. 1 with their mutual relationships.

The driving force of the treatment is represented by the two isopathic remedies, NOTAKEHL and PENICILLIUM BREVICOMPACTUM 6X, plus the two Reintoxins, Crotalus - catalysed by Vitamin B1 - and Triturus. The "Biofeld" test provides hints that the action of NOTAKEHL and Triturus is predominantly extracellular. On the other hand, that of PENICILLIUM BREVICOMPACTUM 6X and Crotalus is intracellular. The two isopathic remedies work on the infectious element exclusively, whereas the Reintoxins work predominantly on the toxic element, thus making it possible for the isopathic remedies to work on a deeper level. One might say, figuratively speaking, that the isopathic remedies act as a "borrelia shredder", and that the Reintoxins, by breaking down the toxic material, feed the borrelia into the shredder. From this it may be assumed that, by means of their toxins, the borrelia produce a milieu for themselves, within which they are more or less unassailable. This may constitute a contributary reason why "old borrelioses" are so intransigent.

In my experience, the combination of these four core remedies is in a position to stop any acute episode of borreliosis in its tracks, if the toxins that have been released are eliminated from the body by means of USNEABASAN, Petadolex and appropriate drainage remedies.

The core treatment is supported by the milieu therapy. It is of critical importance that the milieu is improved, both extra-cellular and in the cytoplasm. With the help of the "Biofeld" test it can be shown that CITROKEHL supports both PENICILLIUM BREVICOMPACTUM 6X and Crotalus. In the same way, the modified FORMASAN reinforces the action of NOTAKEHL and Triturus. Thus, in the same way, the milieu therapy benefits both the isopathic remedies and the Reintoxins, and these mutually support each other, as shown in Fig. 1.

The immunomodulators RE-CARCIN and UTILIN "S" work hand in hand with the isopathic remedies and the Reintoxins, as do the milieu remedies. As is the case with the milieu remedies, they have no resonance of their own with the Borrelia ampoule, but

Fig. 1: Synergistic (double lines) and additional (single lines) complementary action between the remedies employed in the optimised treatment of borreliosis. The core treatment is in the centre, within the broken lines.
they reinforce the core treatment as shown in Fig. 1. They beat out the dent, as it were, that the borrelia have made in the immune system. In my experience, the war against the dental infective foci cannot be won without the reinforcements provided by RECARCIN. Massaging it directly into the gum has proved to be the most effective method.

The SANUKEHLS represent an additional therapeutic option, complementing the treatment already discussed. When required they can close a gap, so that the blocked immune system can once again get a grip on the situation and put a stop to the infection. As there are no SANUKEHLS available that are produced from borrelia, the only possibility is to find which of the existing SANUKEHLS are able to remove the obstacle to treatment. Such a choice is perfectly possible with the help of the "Biofeld" test, as has already been previously shown.

Since the one occasion on which the complete borreliosis treatment was applied once over a period of three weeks on the basis of the five pillars described here, no further borreliosis episode has occurred. Six months have now elapsed since then. Before that, a new episode was setting in every one to two months.

Other infections that have become chronic
Once a treatment had been teased out and largely understood by using the "Biofeld" test as described here - a treatment that is able to put a stop even to old borrelia infections, the idea suggested itself of applying these results to other microbes. In principle it should be possible to carry out analyses of this kind on all microbial information that has been stored in testing ampoules. I have selected just a few which I had in test-ampoule form in low potencies, and on which I have found that NOTAKEHL and PENICILLIUM BREVICOMPACTUM 6X act synergistically in a similar way. The following microbes are the ones concerned:

- Streptococcus haemolyticus & viridans
- Brucellus
- Enterococcus
- Meningococcus
- Mycoplasma
- Ureaplasma

In the case of streptococci, the treatment should be adequate without Reintoxins. As for all the other above-mentioned microbes, the Reintoxins are indispensable, whether it be that they break down the block created by the bacterial toxins and improve the milieu, or whether it be that they mount a direct attack on the microbes by their enzymatic action and increase their vulnerability to the action of the isopathic remedies.

The efficacy of the treatment on the six above-mentioned microbes was determined exclusively by means of the resonance with the bacterial ampoule in question established by use of the "Biofeld" test. Confirmation as to a real case is still lacking. In individual cases appropriate haptens may possibly be required. Furthermore, if necessary, adjunctive herbal or homœopathic remedies may be selected. Above all, we must not give up. In any case, with the extended microbial treatment presented in this article and the principles that have been worked out, it will be possible to process many cases that are resistant to treatment, in which NOTAKEHL, with or without FORMASAN, achieves nothing, and to do so with the prospect of success. It just needs to be tried out.

Conclusion
The strength of the borrelia treatment presented here consists in the fact that the five pillars I have identified, i.e. Isopathy, Reintoxins, Milieu therapy, immunomodulation and haptens, have each been optimised and brought together in a unified and united form of treatment. It is of prime importance that all the remedies used resonate harmonically across all five pillars like a well-rehearsed orchestra, without even the slightest dissonance arising. The remedies complement each other, some of them synergistically. It is possible to apply such a therapy in other situations by skilful use of the "Biofeld" test based on long experience with the test procedures, and of course given the use of the isopathic and enzymatic remedies.

The progress of this borreliosis treatment proves that, in the "Biofeld" test we have an excellent tool at our disposal, which is well placed to devise complex treatment procedures when concrete medical questions are being asked.
to keep a check on their progress and to optimise their efficacy.

This article is intended to spur people on to more efficient use of Isopathic treatment and to lead them to discover solutions to hitherto intransigent cases of borreliosis, and also to other bacterial infections. This also makes a treatment available which is able to address acute infections without recourse to antibiotics, as was shown in the acute episodes of borreliosis. Of course, the dosage of all remedies used must be correct.

However, it is advisable to seek biochemical verification of the results obtained biophysically by means of the "Biofeld" test and - in the case of the larvate borreliosis - scrutinised in practice. For an experienced biologist this should be relatively simple. Those who use Isopathy are simply called to examine the options presented here for optimisation and extension of their treatments in practice.

Bibliography
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