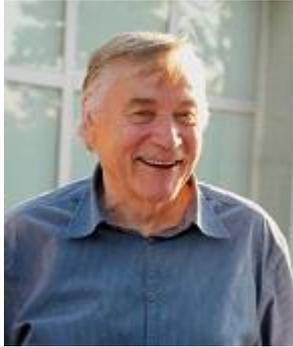


Bio photons and the regulation of the body with Prof. Fritz-Albert Popp from the International Institute of Biophysics e. V. in Neuss, Germany.



In the two other test it became clear that the voice can effect activity in the body and in the brain. We could measure those effect, but this still does not explain how the voice is able to achieve these effects and what is actually happening both in the brain and the body.

In October 2007 I am invited to facilitate a large conference on health called: Coherence in Health.

The conference brings together medical professionals educated in western medicine, complementary health professionals and scientists. The conference aims at the exchange between these different professionals. It is the first of its kind in the Netherlands and takes place in Utrecht. One of the speakers on this conference is Prof. Fritz-Albert Popp from the International Institute of Biophysics in Germany. I look into the topic of his lecture in order to introduce him to the audience and see that his speech will deal with the question: Is consciousness based on quantum effects?

In the description about his academic work I read about his main area of research: bio photons. Bio photons are light particles or light waves that the cells of the body emit in order to communicate. These light waves or particles seem to use quantum effects to bridge distance.

Prof. Popp and his International Institute of Biophysics has found and proven that all living cells give off light. Every organism, also the human body takes in light, stores it and emits it slowly. Prof. Popp has proven the existence of these light particles and calls them: bio photons.

The emission and re-absorption of these bio photons enables the organism to communicate. Bio photons seem to organize all the biological processes in our bodies. Without these light emissions we would not exist very long and just become a chemical substance without life.

These ultra-weak light emissions were first found by Alexander Gurwitsch in the 1930s in Soviet Union. Because this mysterious light could not be measured with the equipment of that time, the discovery was not valued and disappeared from the scientific scene.

In the early 1970s Prof. Fritz-Albert Popp discovered this biological fact again.

He built equipment that could multiply the light emissions million times and was able to measure the bio photons and make them visible thus proving their existence. With the equipment he developed he tested these bio photon emissions in countless tissues.

He also tested remission, the light the tissues give off after they have been shined on by an external light source. He enlarged his research and found that the photon-emission of a sick organism differs from the photon-emission of a healthy person.

The emission in a sick organism becomes more irregular and faster, the emissions of healthy organisms show a more coherent pattern.

Cancer patients show a much more irregular pattern than non-cancer patients. After many experiments he concluded that his discovery was not only helpful to diagnose cancer, but that his findings could totally change our understanding of biology.

'Life cannot be explained as a pure cause and effect relationship of matter. Minerals, vitamins and carbohydrates constantly replace parts of our body that need to be renewed. The molecules by themselves do not know what they have to do; they need some instruction as to what and where they should be at what time. In one cell there are 100.000 chemical reactions every second. These reactions have to be coordinated somehow. This coordination is done by the bio photons. Biologists up till now postulate and believe that biochemical processes are responsible for the information exchange between the cells.' (Prof. Popp)

Popp concluded that this information exchange in the body takes place through bio photons using quantum effects.

What are the characteristics of the bio photons?

Their light is very coherent: which means that it is much like laser light. As we know from science and technology laser light can be modulated and can carry information.

Popp believes that this is exactly what these bio photons do, they carry information.

Understanding this information is still not possible, but certain patterns can be found in measuring the coherence of this light.

During his lecture I have a hunch that the brilliant sounds of the voice also carry this coherent quality. Light and sound are both phenomenon based on frequency, so they much have a strong connection.

It dawns on me that Prof. Popp could probably understand my questions about how the voice affects healing. He would be able to understand the tentative answers that I have found and might also give me clues on how to continue my search.

But I do not ask him right away. I am daunted by his wealth of knowledge and it takes months before I send him an e-mail about my work and my wish to meet him.

To my surprise he immediately answers my mail and invites me to come to his laboratory in Neuss. There we could discuss my work and maybe test the effect of my voice with the equipment that he has developed.

In March and June 2008 we have our first meetings and we carry out several tests.

After Prof. Popp has proven the existence of the bio photons he soon realized that his research could also be used to test the effectiveness of various treatments. The patterns in the light emissions give an indication of the health of body tissue. He has developed a diagnostic tool that can measure how different systems of the body carry out the regulation to keep the body healthy. We used this diagnostic tool to test the effect of the voice.

During those two meetings we carry out tests on 7 people. The test persons are tested before and after singing and I am also tested before and after singing.

All the seven tests we do show amelioration of the regulation of the body, sometimes immediately after the singing, sometimes after a few hours when the healing that is needed it is more tissue-based.

The following two charts show somebody who suffers from total exhaustion and psychic problems.

First chart: Shows the regulation of the body before singing

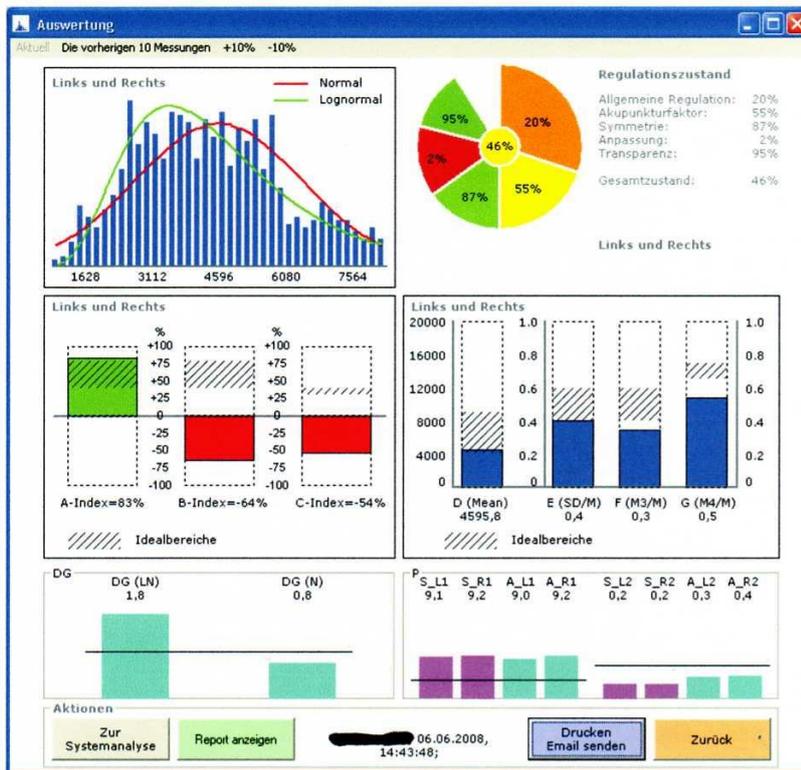


Figure 1. There is still a normal regulation (A-Index), but in the B. and C.-Index we see that this regulation reaches into the minus range. The body does not have a lot of energy to regulate, but it uses this energy to keep as much regulation as possible, which is visible in D-Index together with the high score in Transparenz 95% (transparency). The last three rows (E-, F- and G-Index) show the exhaustion of the person.

The psychic burden shows in Factor 1 (Allgemeine Regulation) which is only 20%. There are great problems in Factor 4 (Anpassung 2%) which shows the regulation in the connective tissue, or the matrix.

Second chart: shows the regulation of the body after singing.



Figure 2. After the singing the amelioration is clearly visible. Especially B- and C-Index show great improvement. Also the general regulation has risen from 20% till 47%. There is more energy available to regulate the body in general. The body starts to process the changes and E-; F- and G-Index enter into the normal range. The exhaustion has diminished. The most remarkable change has taken place in Factor 4 (Anpassung). Here the score has gone from 2% - 64%. This measures the regulation in the matrix or the connective tissue.

From other sources I know that the connective tissue holds the key to our health. Through the connective tissue, that

surrounds every cell of the body, there is basic information exchange between the cells. Nutrients enter the cell, while waste is removed from the cell. Prof. Popp tells me: 'When the voice can influence this matrix there are no limits to what she can do'.

The singing in this case has lasted only 15 minutes. Apparently the voice has been able to directly find the key to the source of the physical and emotional problem. This phenomenon is called 'Das Sekundenphänomen' in German: the 'instant phenomenon' in English. The treatment was so focused and effective that it directly changed the source of the health problem and the healing occurred almost immediately.

I have often observed this phenomenon while I worked with people. When the voice enters into deep resonance with the brain or the body the effect is immediate.

As soon as this resonance is established the sounds of the voice seem to find the source and are able to change the frequency. This frequency change is communicated to and received by the cells of the body and healing takes place.

I also include the test of a healthy person.

First Chart:



Figure 3. In this chart we see a healthy person whose regulation is well. The D-Index is a little high, but that is all. The level of energy is in accordance with his age.

Second Chart:

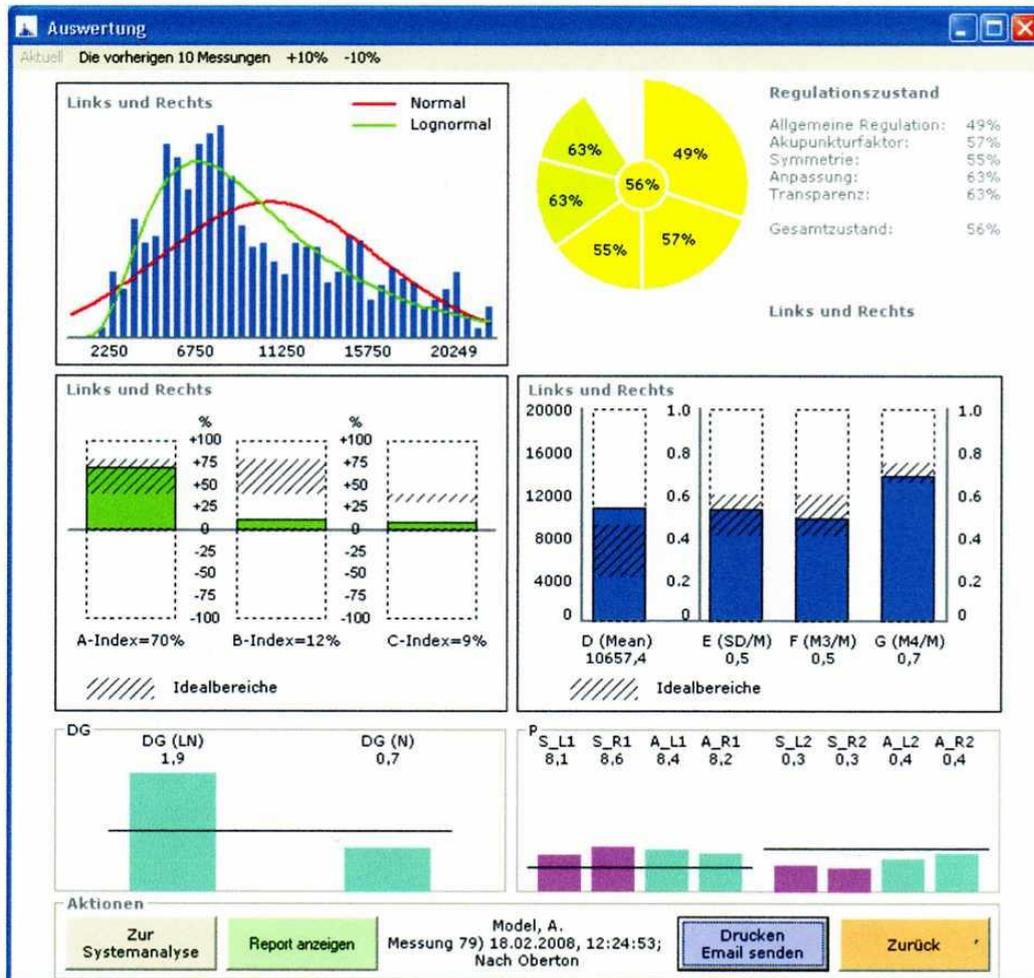


Figure 4. On this chart we see only small changes. The only remarkable change that we see is in D-Index which goes down under the norm. This test person first shows a decrease of the energy; maybe we deal here with a similar effect as in homeopathy, where the symptoms first become worse before healing takes place. The third measurement shows what has happened.

Third Chart:



Figure 5. To our surprise the third measurement half an hour later shows an enormous amelioration. The body suddenly started to work, which is visible in E-, F- and G-Index. The energy became higher, but the factor analysis (the little circle in the center of the big one) became much higher from 56% - 75 % It shows that this kind of singing will also lead to a better regulation in a healthy person.

After the tests Prof. Popp tells me to continue my work with the voice: 'You have found something exceptional, keep developing it and we will continue to be in touch. I can test only a fraction of what your voice accomplishes, but we will explore it further. We are finding basic elements of a totally new science.'

His support and work are of incredible value for me.

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