

BICOM[®] 2000

The Number 1 in Bioresonance

BICOM[®] Bioresonance Therapy



We want your patients
to feel good!



Our story



Dear Therapist

Thank you for taking an interest in the Bicom bioresonance method. First of all, I would like to give you an insight into the Regumed story.

In 1976 I founded Brügemann GmbH. After collaborating with Dr. Morell, the spiritual father of this new therapy, in 1987 the Bicom device was created. I coined the phrase "bioresonance therapy" to describe this type of therapy.

I myself was surprised by the extent and speed of our expansion in the following years. And this despite the fact that bioresonance therapy comes under the field of empirical healing and is still thought of as being outside the mainstream.

At the start of 1996 the company was renamed REGUMED GmbH.

My main aim was and still is to help doctors and non-medical practitioners in alleviating and healing illness without damaging side effects.

In 1981 I founded what is known today as the Regumed Institut für Regulative Medizin [Regumed Institute for Regulative Medicine] to ensure that our therapists receive proper training. The Institute holds around 40 seminars each year, offering different levels of training.

We are able to draw on over 25 years of experience in bioresonance therapy and, in addition to the quantum and biophysical aspects, this forms the basis of our training. These experiences have also been used to further develop the Bicom device and therefore our users today have at their disposal a practical, very

user-friendly and reliable device: the BICOM 2000.

As well as being represented in many countries in Europe, Africa, Asia and South America, there are over 60 specialists working in Germany for the benefit of our users. The picture above shows some of our employees positioned around the Bicom device.

Our team would be delighted to welcome you as a new Bicom user in the near future.

Yours,
Hans Brügemann

The medicine of the future will be different

From blood-letting to gene technology



Over time medicine has become increasingly more specialised. The medicine of the early Middle Ages was based mainly on vague ideas and suppositions drawn from earlier history. Gradually research was carried out into the inner workings of the human body, i.e. its organs, their structure and function, blood circulation, the components of blood, cells, DNA and genes as well as bacteria, viruses etc.

Sharing of information

Once research began to be carried out on DNA and genes, it was clear that medicine had now entered an area in which “information” plays a central role. For, as we know, DNA is the carrier of hereditary information.

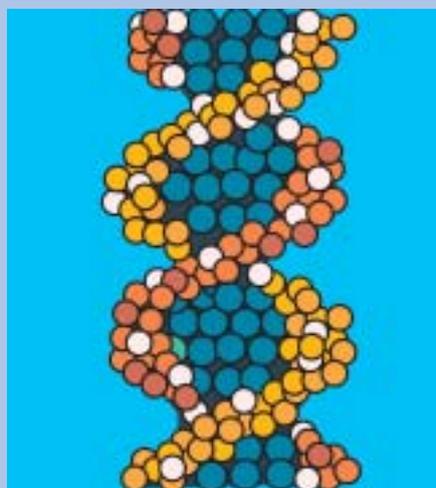


If we then focus on this information, this gives rise to the question of what exactly is information?

If the substance is merely a carrier of information, how is the information transmitted?

DNA as an information carrier

Firstly we need to take another look at the substance. First of all, DNA is a very large molecule. (A molecule is a particle which consists of at least two atoms joined together). With the way now paved for medicine to specialise



even further we eventually arrive at what is in chemical terms the smallest unit of matter: the atom.

The atom – final phase in medical research?

It could now be said that this is the final phase in medical research and medical possibilities. Yet this cannot be true since, despite molecular biology, we are still a long way off developing real solutions, especially for chronic disorders.

Quantum physics

Therefore it is only logical and consistent to go beyond the level of substance and chemistry and

introduce quantum physics into medicine.

Quantum physics deals with the properties of sub-atomic particles (elementary particles). This is where we come to the most important finding in quantum physics: **There are two aspects to matter: firstly as a particle and secondly as radiation** (Louis-Victor Broglie, Nobel Physics Laureate 1929).

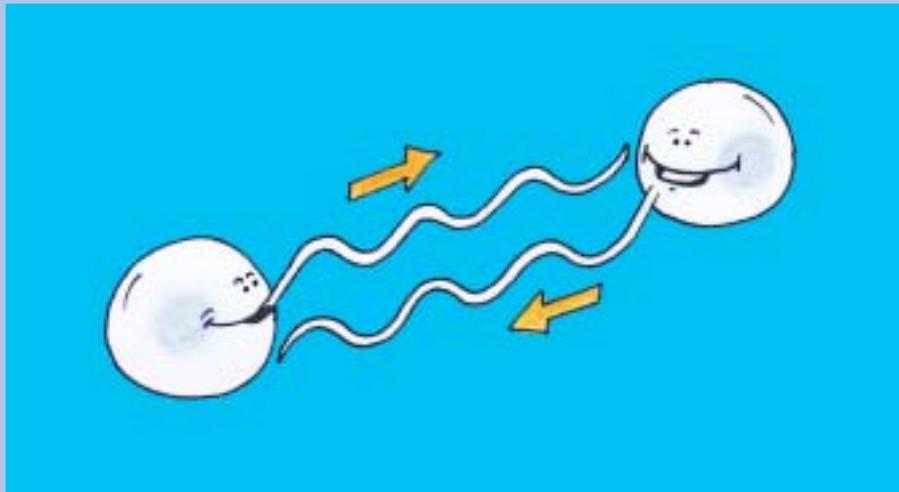
This means that for every particle of matter there is also an electromagnetic field and therefore also for every cell, every organ and every pathogen etc.

Photons

Photons are “building blocks” of electromagnetic radiation.



Photons are particles of light (light quanta) which travel at the speed of light.



We want your patients to feel good!



Cell communication

Further research now leads us into an extremely interesting and exciting area which has a decisive influence on living organisms: the area of biophotons.

Intensive research has been carried out in this area over the past 20 years at international level in collaboration with the German biophysicist Professor Fritz Albert Popp.

It has been shown that cells radiate photons and well-known biophysicists believe that cells communicate with each other by means of "flashes of light". Information is in effect being shared at the speed of light.

Findings in the field of biophoton research suggest that DNA functions as both transmitter and receiver.

The biophysical level takes precedence over the biochemical level. It controls it and determines the structure of matter and therefore also the structure of our organs.

The Nobel prize winner Carlo Rubia (Nobel prize 1984), Director General of the Nuclear Research Centre (CERN) in Geneva, expressed this very clearly: "We usually only consider matter because we can see and touch it. Much more important, however, are the interacting quanta which hold the

matter together and determine its structure." This also covers quantum electrodynamics which includes processes in high energy physics such as the generation of particles through an electromagnetic field (Nobel prize in physics, 1965, R.P. Feynman, J. Schwinger, S. Tomonaga).

The interacting quanta referred to by Professor Carlo Rubia open up to us a completely new world in understanding the control mechanisms in a living organism.

Shouldn't this aspect form a part of medicine?

BICOM Bioresonance Therapy

The Bicom bioresonance method begins at biophysical level and uses the information from the body's electromagnetic field and from substances to test for stresses and for therapy.

Why BICOM[®] Bioresonance Therapy?

In the treatment of acute disorders and in surgery conventional medicine has achieved great things.

The treatment of chronic disorders is often more complex, however, and many patients feel dissatisfied with it. This is therefore an area which requires urgent action.

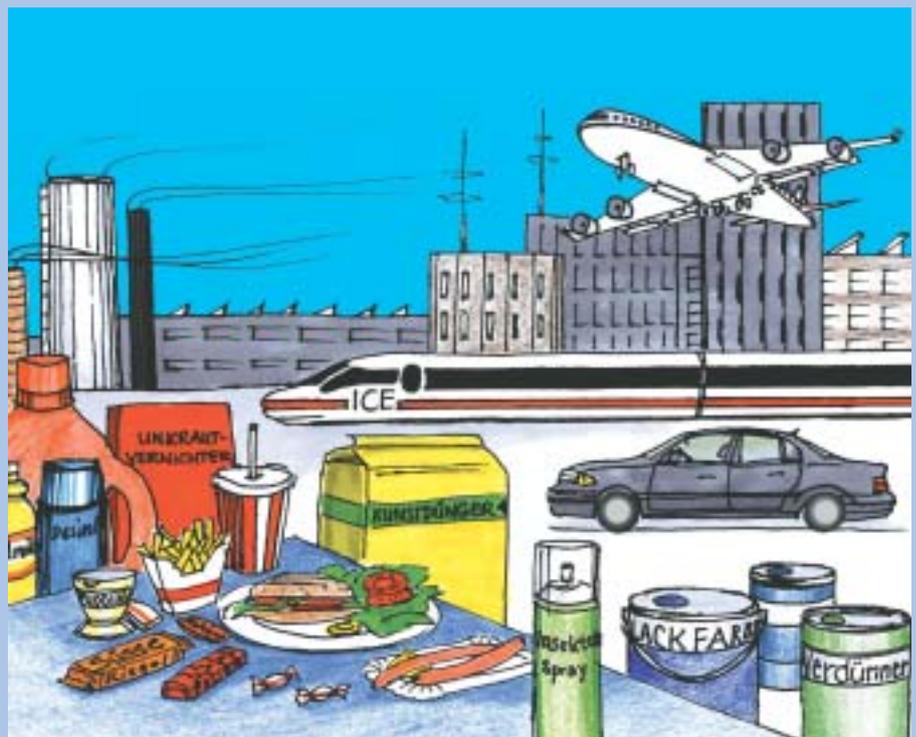
The Bicom bioresonance method is a special diagnostic and therapy procedure which has paved the way for a whole new approach to medicine.

In many cases it is possible to use the Bicom device to ascertain and treat the actual, yet often concealed causes of disorders.



Background to chronic disorders

Today we live in an affluent society. A whole range of technical appliances, unbelievably quick means of transport and communication, countless chemical substances and any number of ready meals make our everyday lives that much easier. As much as we enjoy all this, more and more of us are now paying a considerable price for it.



When it all gets too much

A number of stresses affect people today: chemical additives in our food and drinking water, environmental toxins, radiation stresses, countless chemical substances, the use of medicines in livestock breeding etc.

These stresses can become all too much for some patients. We see the result in the form of non-specific disturbances to wellbeing, chronic fatigue or even serious physical disturbances.

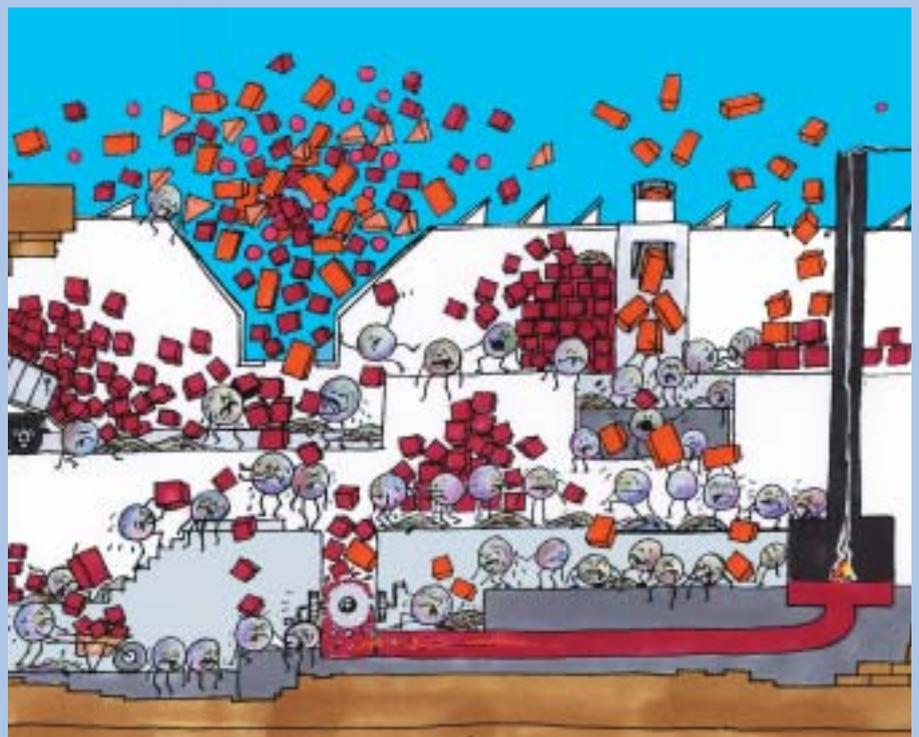
It is interesting that chronic disorders are often based on a number of stresses. Therefore it is possible that in patients with the same clinical picture, there are often completely different underlying causes. The biophysical level offers the possibility of testing these individual stresses, which is



not often possible at biochemical level (laboratory parameters).

Chronic, numerous or long-lasting stresses can put too much pressure on the body's ability to heal itself

As a general rule, the body has very good self-healing powers. The body possesses a phenomenal regulation system which can even help to restore equilibrium over and over again in response to unusual influences acting on the body. If the body experiences too many stresses or stresses which are too serious over a prolonged period this can impede or even block the body's regulatory ability as well as its self-healing powers.



BICOM[®] 2000 – sim

The Bicom device (1) makes it extremely simple to get to grips with bioresonance therapy. Over 340 stored therapy programs contain over 25 years' worth of bioresonance experience.

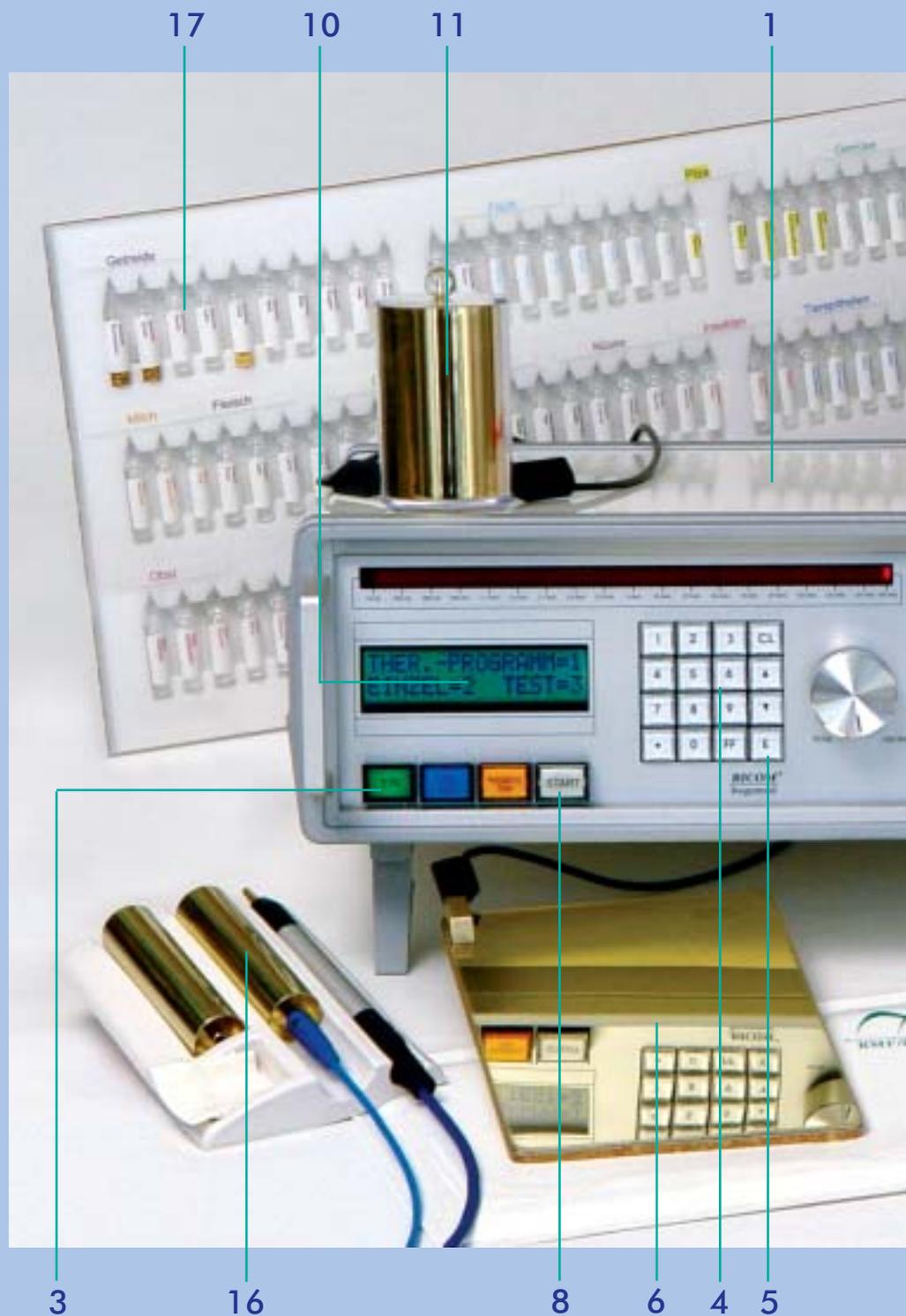
In the very clearly laid out therapy handbook (2) all of the therapy programs are listed alphabetically. For each therapy program the positioning of the electrodes is described in detail. The therapist merely has to select the corresponding therapy program.

After the device has been switched on using the „ON“ button (3) the therapist enters the corresponding program number using the number keypad (4) and confirms this by pressing the „E“ button (5). The input electrode (6) and modulation mat (7) are placed on the patient's body in accordance with the instructions in the computer handbook. By pressing the „START“ button (8) and the „BMF“ button (9) the bioresonance therapy begins.

At each stage the next action required is shown in the display (10).

By means of the input electrode the frequency patterns are taken from the patient and transferred through a cable to the Bicom device. In addition, depending on the disorder, the patient's secretions or excretions (e.g. blood, saliva, stool etc) may be placed in the input cup (11) to provide additional information for therapy.

The BICOM 2000 is fitted with a special electronic device which transforms the modulated frequency patterns from the device into "Bioresonance Magnetic Frequency patterns" (BMF) using the modulation mat (flat coil). The



modulation mat is placed on the patient's body.

(13) in the memory device (14).

The therapy information may also be saved to carrier substances. To this end the therapist places Bicom oil (for rubbing in) or Bicom minerals (for oral use) in the output cup (12) or else places a chip

Simple and easy to use



Furthermore, stresses such as allergens, toxins, stress-inducing dental materials etc. can be tested quickly and painlessly. The therapist places original substances or test ampoules (17) in the input cup and tests with the corresponding test program stored in the Bicom whether the substance in question is stress-inducing for the patient.

The printer (18) is used to print out the tested values and administered therapy programs. This helps keep patient records up to date.

The Bicom device also contains an analogue potentiation program via which analogue potencies for any substance can be tested and applied in therapy. Every homeopath will know how costly it is to produce a nosode using the patient's own blood, for example.

In addition, as well as the bioresonance therapy section, the BICOM 2000 also contains a purely magnetic field therapy device which works using "Dynamic Multi-Impulse packages" (DMI). Depending on the patient's condition you can choose an amplifying or attenuating magnetic field therapy by pressing the button (19).

Bioresonance therapy and magnetic field therapy can be applied entirely independently of each other. In most cases, however, both forms of therapy are used in combination with each other. This combination has proven to be very successful in practice.

The chip can be attached to the part of the body described in the therapy handbook following therapy. In this way therapy can continue between actual sessions.

The Bicom device is not only a therapy device but also a diagnostic device. Through the

electroacupuncture test section (15) the energetic condition of the individual meridians can be physically measured using the test instruments (16). The therapist can therefore obtain information about disturbed organ functions.

How does the BICOM[®] bioresonance method work?

The Bicom bioresonance method has been used for more than 25 years in human medicine and for more than 10 years in veterinary medicine. It forms part of the area known as empirical healing, which also includes homeopathy, acupuncture and other naturopathic methods.

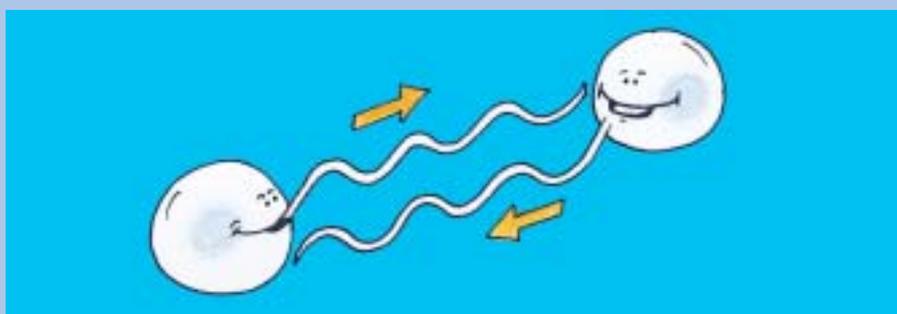
Though still disregarded by current conventional medical thought, the following bioresonance therapy hypothesis is confirmed by the latest findings in biophysics.

Wave Particle Duality



In accordance with the findings of quantum physics all particles of matter have both wave and particle characteristics. This means that every substance and therefore every cell, every part of the body but also viruses, bacteria, pollen, toxins etc. have an electromagnetic radiation. Each substance has a highly specific, typical wavelength or frequency with an entirely individual characteristic, depending on composition. This is also known as a frequency pattern.

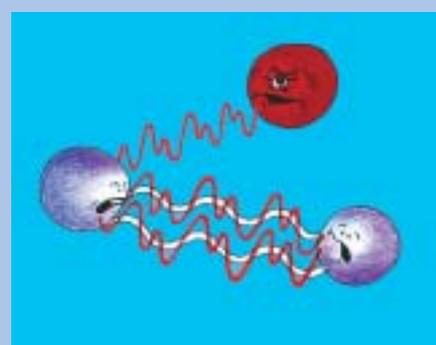
Cells communicate with each other



We live in an age of communication and information and it is time we faced up to the fact that the body can only function and regulate itself because communication and therefore an exchange of information takes place between the various cells in the body. According to biophoton research cells communicate with each other by means of „flashes of light“ (photon radiation). They exchange information via certain frequencies.

In a healthy body this exchange of information functions unhindered. Each cell or part of the body can fulfil its function.

Stress-inducing influences or substances can impede communication between cells

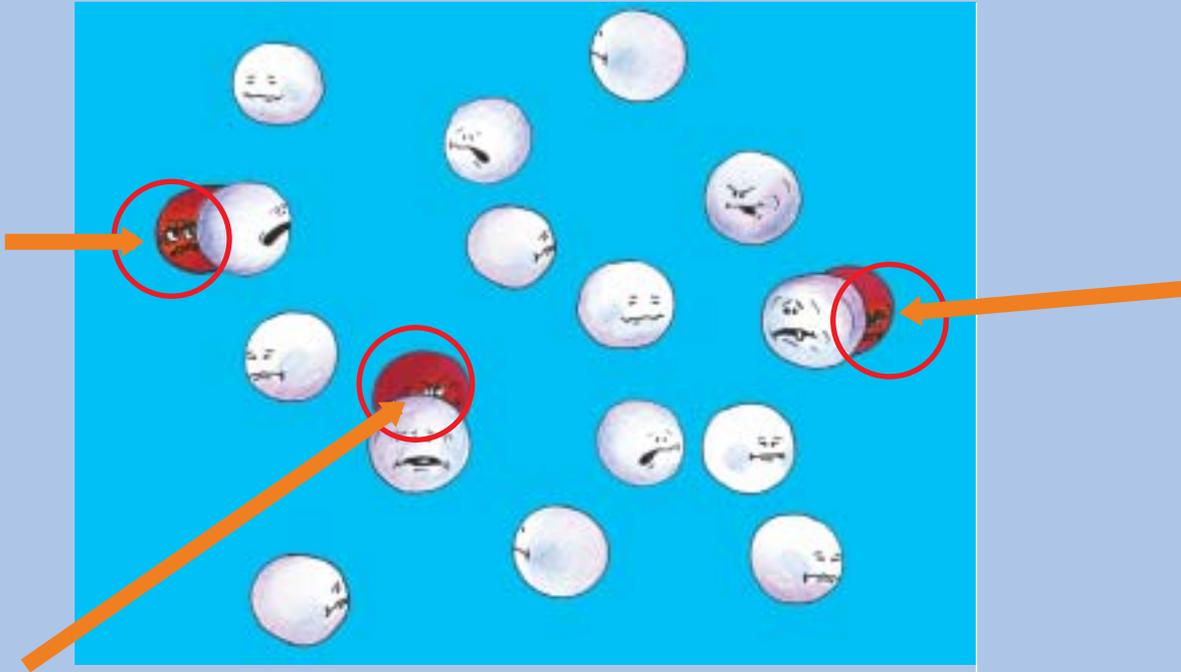


If interfering substances (toxins, viruses, bacteria, etc.) or stress-inducing radiation are able to affect the body, they may impede communication between the cells.

Disturbed cell communication can result in organic changes

If communication between cells is disturbed, this will of course prevent those cells from functioning properly and we see evidence of this to varying degrees through non-specific disturbed wellbeing, physical exhaustion, chronic fatigue and later through organic changes and related symptoms as well.

Symptoms frequently occur where a weakness is already present, often genetic.

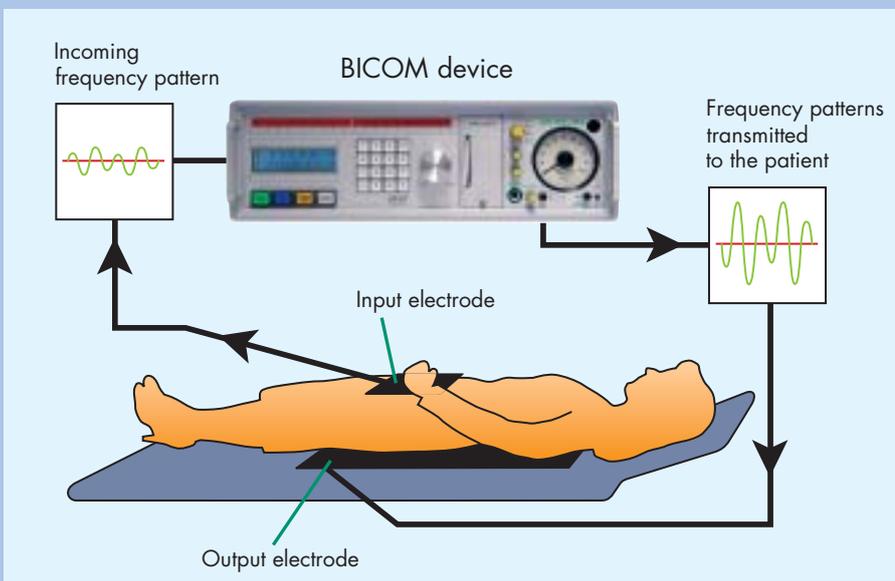


Stresses can be determined individually and precisely

Extracellular fluid in the body not only provides the means for feeding cells. It also acts as a "hazardous waste depot" for stress-inducing materials if the elimination organs such as the liver/gall bladder, kidney, intestine etc. are overstressed. Since water is an optimum medium for storing information the information from the stress-inducing substances is also stored here. This area is not easy to access using laboratory procedures.

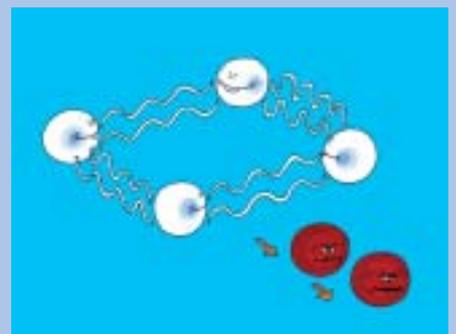
On the biophysical level such stresses can usually be tested very quickly and painlessly. This is where the Bicom device can offer valuable assistance. Consequently, it is possible in many cases to discover which stresses are causing the patient to feel unwell (e.g. bacteria, viruses, electrosmog, dental materials, allergens etc.).

The stresses, once determined, are treated using the Bicom device and the appropriate frequency patterns



The body's own regulation can be supported and stimulated by BICOM Bioresonance Therapy to a considerable extent

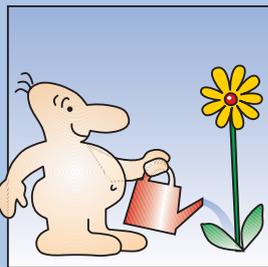
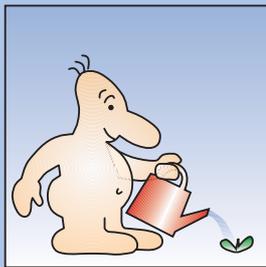
Communication between the cells can then continue to flow unhindered. Stress-inducing materials can be released and eliminated.



Is BICOM® Bioresonance Therapy effective?

After more than 25 years of bioresonance therapy Regumed has access not only to a large number of case studies from therapists and patients which testify to the successful use of bioresonance therapy but also to numerous practice studies and research work.

The Regumed Institut für Regulative Medizin is the only institute able to provide such a broad range of research work and studies in the area of bioresonance therapy. A small selection taken from the studies available is shown below:



In-vitro studies:

Summary of in-vitro modulation of phagocytosis activity of human polymorph leucocytes through Bicom Bioresonance Therapy

Phagocytosis tests were carried out on around 50,000 individual donor blood samples with reproducible results. The results showed that the phagocytosis activity of leucocytes was stimulated in vitro and can be influenced through Bicom therapy to a statistically significant extent and in a reproducible way.

The influence of Bicom Bioresonance Therapy on the structural dynamic of the serum albumin of patients with breast cancer

In the body of work available it has been proven that through Bicom therapy biological information concerning the structural condition of Human Serum Albumin can be transferred from healthy test-cases to the Human Serum Albumin of cancer patients (in vitro).

G. Lednyiczky: In-vitro and in-vivo testing in order to demonstrate the control function of lower energetic bioinformation and other oscillations: in *Niederenergetische Bioinformation [Lower Energetic Bioinformation]*, P.C. Endler and A. Stacher (pub.), Volume 17, Facultas-Verlag, Vienna 1997

In-vivo study:

Transfer of molecular information by means of a bioresonance device (Bicom) in a test on amphibians

The tests are based on the generally known fact that the hormone thyroxine plays a significant role in the metamorphosis of amphibians. The transition from tadpoles, which are similar to fish, to the four-legged frog which lives on land is generally initiated and maintained through this hormone which contains iodine and is synthesised in the thyroid gland. If on the other hand thyroxine is introduced in a high molecular concentration to the aquarium water, metamorphosis is slowed down or development even halted completely.

Through the transfer of information from a toxic concentrated solution of the hormone thyroxine by means of the Bicom device to the aquarium water in many parallel tests the metamorphosis of tadpoles is significantly slowed down.

P.C. Endler et al: Amphibian metamorphosis and thyroxine information. Storage through bipolar fluid water and on technological data carriers; transfer of information through electronic amplifiers, Verlag Maudrich, Vienna 1996: In *Homöopathie-Bioresonanztherapie [Homeopathy-Bioresonance therapy]*, P.C. Endler and J. Schulte (pub.)

Human studies:

Prospective randomised study to test the success rate of treating patients experiencing liver function problems with their own electromagnetic fields (Bicom)

28 patients took part in the study. All patients had chronic liver cell damage which had been diagnosed for at least one year and none of them had been treated with medicines. There were 14 patients in the therapy group and 14 patients in the control group. The randomisation and creation of the code list was carried out by the Outpatient clinic for naturopathy of the Carstens Foundation at the University of Heidelberg, working group headed by Prof. Dr. med. I. Gerhard.

Results: GOT values:

The average percentage decrease in GOT activity after 12 weeks was 42% in the Bicom group compared with a 4% decrease in the control group.

Results: GPT values:

The median of the Bicom group was in the standard range after 12 weeks of treatment. No normalisation of GPT activity was detected in the control group.

Results: Gamma GT values:

Gamma GT activity was also in the standard range after 12 weeks of treatment (Bicom group). The values for the control group on the other hand remained virtually unchanged.

P. Machowski, P. Kreis: *Wissenschaftliche Studien zur Bicom Bioresonanztherapie [Scientific studies on Bicom Bioresonance Therapy]*, Institut für Regulative Medizin, Gräfelfing 1999.

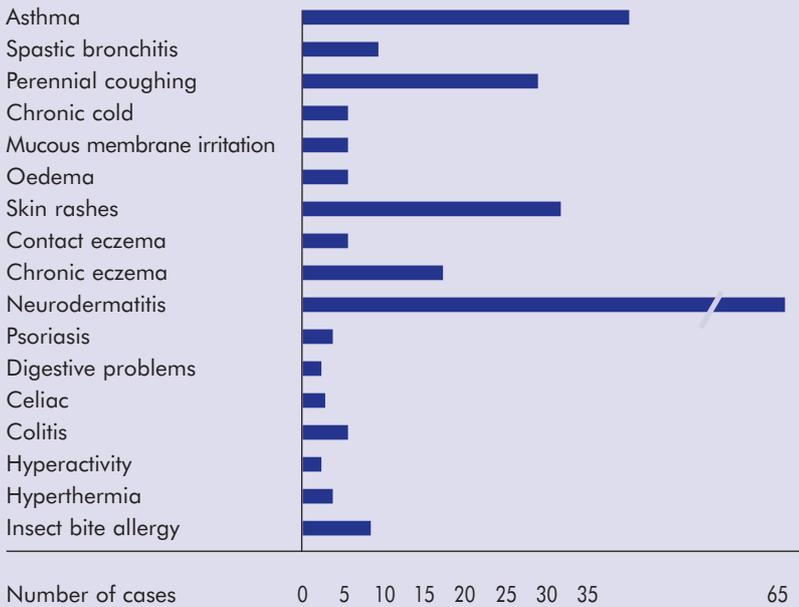
Detailed summaries of all these studies are available from us on request.

Results of allergy treatment using BICOM® Bioresonance Therapy

Dr. Peter Schumacher, a paediatrician from Innsbruck, was so fascinated by the results which he achieved using the Bicom device in his practice that he carried out a study on 200 cases of the most acutely allergic patients and patients suffering from neurodermatitis.

Medical Diagnosis

(200 cases)



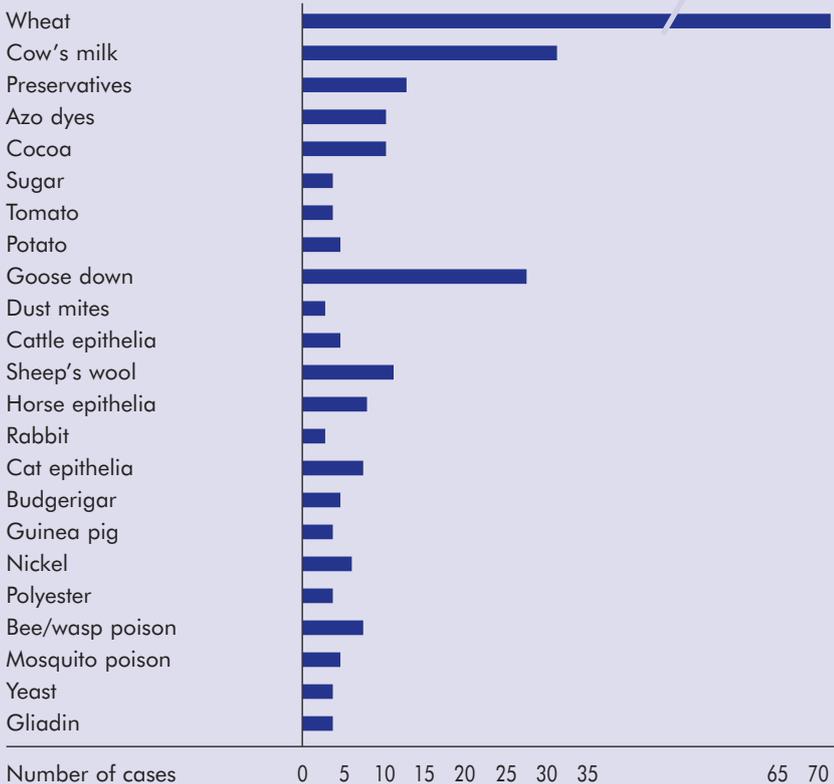
In the 200 cases the following allergic manifestations were found as listed in the table opposite.

As a possible cause for these disorders the allergens shown below left were tested. With the Bicom bioresonance method the following therapy results were achieved:

P. Schumacher: Biophysikalische Therapie der Allergien [Biophysical Therapy of Allergies], Sonntag Verlag Stuttgart, 1994

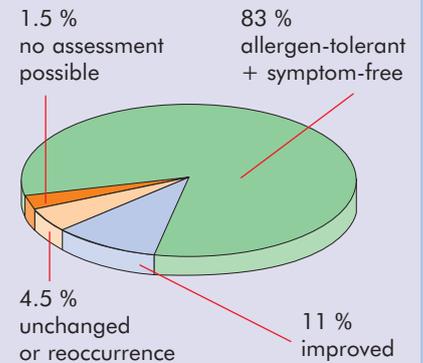
Tested Allergens

(200 cases)



Therapy results (in %)

6 months after therapy was carried out and completed



- The allergen is tolerated permanently and no reaction observed.
- Allergic reactions still noticeable but gradually less pronounced.
- Therapy appears to have been unsuccessful or after initial improvement the same allergy reappears; however, for this group lapses in abstinence during therapy were recorded in every case without exception.
- No new contact with the allergen in the intervening period.

Case Studies

Hayfever

A female patient began suffering from hayfever in 1996. Her eyes itched, watered and were almost swollen shut. In addition, she was suffering from breathing difficulties. She had blotches on her face and her whole body itched. Allergists prescribed her with a cortisone ointment for her eyes and a cortisone spray for her bronchial tubes. The swelling around her eyes decreased using the cortisone ointment but they were still reddened and continued to itch. The cortisone spray provided relief to the bronchial tubes but caused her to be sick about an hour after use. The therapy chosen for the patient was most unsatisfactory and therefore she looked for alternative options. The calcium sprays which use the patient's own blood, acupuncture, neural therapy and foot reflex zone massages were also largely unsuccessful. By mid-March 2001 the patient had looked up a Bicom therapist. Bioenergetic test findings: a number of pollen and food allergies. The pollen allergies were treated using the Bicom device and by the end of April the pollen therapy was completed.

The patient showed no further symptoms and experienced her first allergy-free summer since 1996. Successive treatment then took place for the remaining allergies. In total she received eleven Bicom treatments. Afterwards she was able to fulfil a dream – get her own dog. For now she was able to take him for walks



the whole year round without any problems.

Functional dyspepsia

The Italian patient had suffered for around 30 years from functional dyspepsia. His complaints got worse from year to year. He had long since given up his beloved spaghetti, glass of wine and small grappa to follow since he could no longer tolerate them. Since then he had hardly been able to eat anything and looked really gaunt.

Bioenergetic test findings using the Bicom device: pronounced wheat and cow's milk intolerance. For eight weeks he had therapy every week using the allergy programs stored in the device. During this time the patient avoided any products containing wheat and cow's milk. From week to week he felt better and



following completion of the therapy he no longer had any complaints.

As a small thank you the patient invited the therapist for a meal at an Italian restaurant round the corner.

Rhinitis

Over a period of 6 long years the 47-year-old patient could not breathe in through her nose. Her nasal mucous membranes were extremely swollen. She could

really only breathe through her mouth. Her nose had been "pierced through" again and again and the entrance to her paranasal sinuses exposed. However, this never had any lasting effect. She heard about bioresonance therapy and went to a Bicom therapist who treated her with the corresponding therapy programs stored in the Bicom device. During the therapy the patient was able to breathe in and out again unhindered through her nose. Four years on she still shows no sign of the symptoms after receiving just one Bicom treatment.

Dental problems



The female patient had her four front teeth crowned. Afterwards the mucous membranes in her mouth felt furry, the roof of her mouth was extremely sensitive, her teeth were not correctly aligned with the roof of her mouth and she had a metallic taste in her mouth. The dentist could offer no advice and even the dental laboratory could find no explanation. The dentist suspected there was a fungal infection and took a swab, but the results were negative. The condition lasted several weeks and continued to worsen.

The patient was treated with the Bicom. After the very first treatment there was a marked improvement in the symptoms. After five days the therapy was repeated. A few days later all the symptoms had completely disappeared.

Neurodermatitis

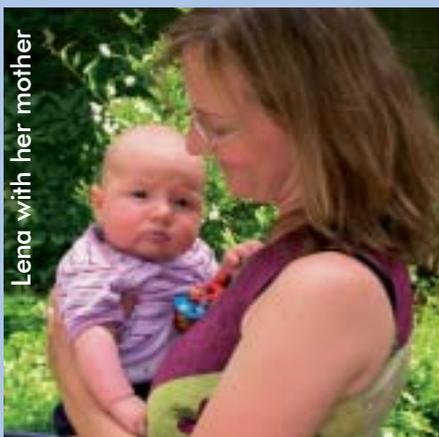
The female patient, 20 years old, had been suffering from neurodermatitis from the age of 9 months. Very acute itching. Deterioration over time. Bioenergetic test: wheat allergy, cow's milk allergy, *Candida albicans*. *Candida* therapy through Nystatin, diet and Bicom. Allergy



therapy with the aid of the Bicom device. After three months the patient showed no further symptoms and today, 2 years on, is still free from all symptoms.

Mastitis with blocked milk ducts and suppurating nipples

Shortly after the birth of little Lena the problems with breastfeeding began. Breastfeeding became more and more painful for the young mother and she was only able to feed her child through gritted teeth and with tears in her eyes. The midwife said that this was normal in the settling in phase. At this point the nipples were very inflamed and



began to discharge pus. The milk started building up and the breast became harder and harder. The midwife used homeopathic agents and recommended a quark compress, but nothing helped. In the meantime the mother had developed a fever of 40 degrees. The gynaecologist who was now brought in advised her to stop breastfeeding immediately and started her on a course of high-dose antibiotics. The mother did not want to stop breastfeeding under any circumstances.

An experienced Bicom therapist treated the patient with the "mastitis" and "lymph activation" programs which were stored in the device. Immediately after the first therapy the patient felt a significant improvement in her chest and could lift her arms again without this causing pain. By the following day the fever had almost gone. On the two days following this she was treated in the same way and after a week the mother was able to breast-feed little Lena again.

Juvenile rheumatoid arthritis

A 9-year-old girl had been suffering for some time from such acute pain in the knee joints that she was no longer able to walk and was confined to a wheelchair. The paediatric orthopaedist diagnosed her as having juvenile rheumatoid arthritis. Laboratory tests showed raised blood sedimentation, raised leucocytes, rheumatism factor negative. The orthopaedist treated this with the rheumatism drug Ibuprofen without success. Biophysical testing: cow's milk allergy. The child observed a 4-week abstinence from cow's milk and underwent Bicom therapy twice a week. Afterwards she no longer needed a wheelchair. After a further 3 weeks the little girl had no further symptoms. Her mother wrote 3 months later to say that her child was doing very well. She now enjoys trampolining and aerobics.

Anti-smoking therapy

When the general practice was sent its Bicom device, the practice team was curious to see whether this therapy would work as well as had been claimed. They there-



fore decided to test out the Bicom on themselves to begin with. The seven assistants were smokers. They received an anti-smoking treatment with the Bicom device and every one of them gave up smoking.

Ulcerative colitis

A female patient, 54 years old, became ill with colitis ulcerosa in 1987 with recurring severe flare-ups: watery bloody stools were passed almost every hour with severe tenesmic pain, nausea, vomiting as well as muscle and joint pain. At least twice a year she received hospital treatment. Long-term therapy followed based on 5ASA, Colifoam and Prednisone.

Half a year prior to the onset of the illness, the patient had had a filling removed.

In June 1992 the biophysical allergy diagnosis was: cow's milk protein allergy, amalgam stress.

Bicom therapy: amalgam elimination, allergy therapy. At the beginning of October 1992 the patient was completely cured of all symptoms and to this day there has been no recurrence.

BICOM[®] Bioresonance Therapy

Better and quicker diagnosis
Therapy without medication



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