

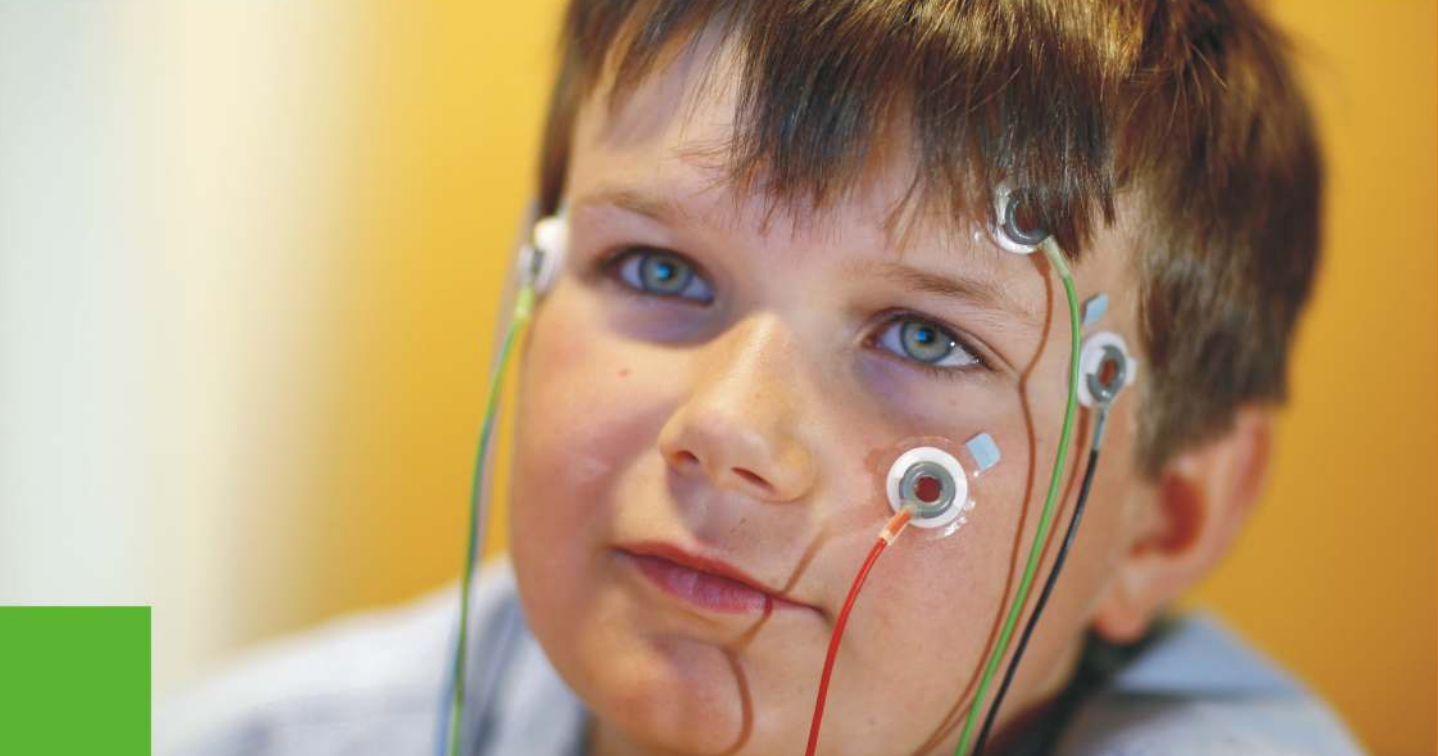
Measuring and Modulating Brain Activity



neuroConn – Complete Diagnostic and Therapeutic Systems



Unlocking the thought potential



Neurologic and psychiatric conditions and disorders, such as migraine, epilepsy, ADHD/ADD (Attention Deficit Disorder) and many others, greatly disrupt the lives of people afflicted with them, as well as those of their families.

All these patients are highly interested in finding non-invasive therapy methods that alleviate their health conditions.

Over the years, many researchers around the world have been striving to develop therapy methods which are non-invasive and without any side effects. The effectiveness of "Neurofeedback" and "transcranial Direct Current Stimulation (tDCS)" has been reinforced by a great deal of research and a multitude of studies. Leading international institutions have declared both methods as scientifically recognized of treatment of various brain disorders.

The basic of Neurofeedback is Biofeedback; a method which provides ongoing biological information on the subject's bodily functions that one would not normally be consciously aware of. This feedback of information is used to induce specifically targeted training: painless and non-invasive.

Neurofeedback is a method for learning of self regulation via signals recorded from the brain, i.e. the EEG (Electroencephalogram). It will be achieved by attaching electrodes painlessly to the scalp and by learning to influence selective brain frequencies or event related potential like the Slow Cortical Potential which will be shown on a computer screen.

Therapeutic applications include Attention Deficit Disorder (ADD/ADHD), epilepsy, migraine, tinnitus, sleep and other disorders.

Using our Neurofeedback devices and transcranial Direct Current Stimulators will bring many advantages to your practice:

- Opens up new fields of therapy possibilities and patient groups
- Strengthens your positive image by substituting medications with modern, natural, painless treatment methods without any side effects
- Reduces dosage levels of medications
- Provides building blocks for long-term success by actively involving patients in their treatments
- Increases self-motivation of patients by providing them with means to actively battle their ailments

Diagnostic Devices – more than just quality products



Complex, fast diagnosis is the basis for any therapy. Our pallet of high quality complete systems provide an excellent technical basis. You profit from full-band EEG devices and new diagnostic possibilities. You have full control of the neurofeedback therapy process or non-invasive brain stimulation. Our newest product NEURO PRAX® MR can measure full-band EEG during fMRI applications.

One additional plus: You get both: diagnosis and therapy. **neuroConn** products can be flexibly expanded and used as neurofeedback devices.

Our Products | NEURO PRAX® EEG | NEURO PRAX® MR | NEURO PRAX® TMS | THERA PRAX® Q-EEG

The advantages

- **neuroConn** products are high-performance full-band EEG devices
- Complete, fully certified systems (EEG & Feedback) which can be used immediately
- **neuroConn** software is tuned optimally to our hardware, is self-explaining, flexible and easy to use
- Unique, patented amplifier (each channel is independent) outperforms everything available on the market
- All products ranging from simple devices to EEG/Neurofeedback systems compatible with fMRI, are expandable and can be combined
- You have one competent point of contact, telephone support during operating hours, after-sales service, trainings and workshops
- Use of replacement units in case of technical problems
- Our complete systems and our excellent support save you valuable time
- Highest standard of technology based on the results and close collaboration with world's leading medical research institutions



Responsibility and commitment



Our Credo

The aim of **neuroConn** is to enable the best possible diagnosis and side-effect free therapy applications using their high-quality, multifunctional systems.

Our team measures their success on your success. That is why we place product development, user-friendliness, customer satisfaction, professional consultation and service at the centre of our work. Our motivated and highly specialized staff members – surrounding the two founders, Prof. Dr. Ralf Th. Kersten and Dipl.-Ing. Klaus Schellhorn – provide the most important basis for perfect systems.

We don't deliver any single component products that seem cheaper in price at first glance. Instead, what we provide, are complete, fully certified high quality systems which can be applied immediately for best results.

We differentiate ourselves from others through our excellent quality, cutting edge technology, expertise and service which we offer to our customers. We integrate the latest research results, provide unique, patented solutions and transfer them into practical applications.

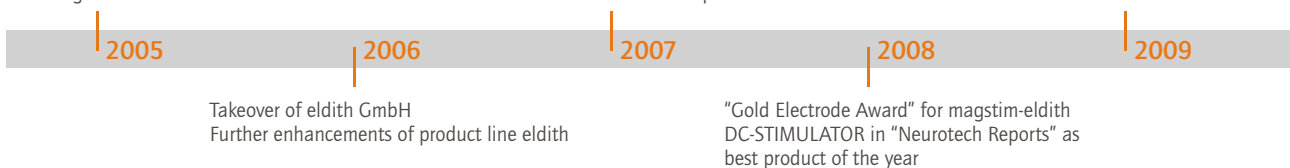
Our unique amplifier technology has a patent granted or pending worldwide.

neuroConn short and simple

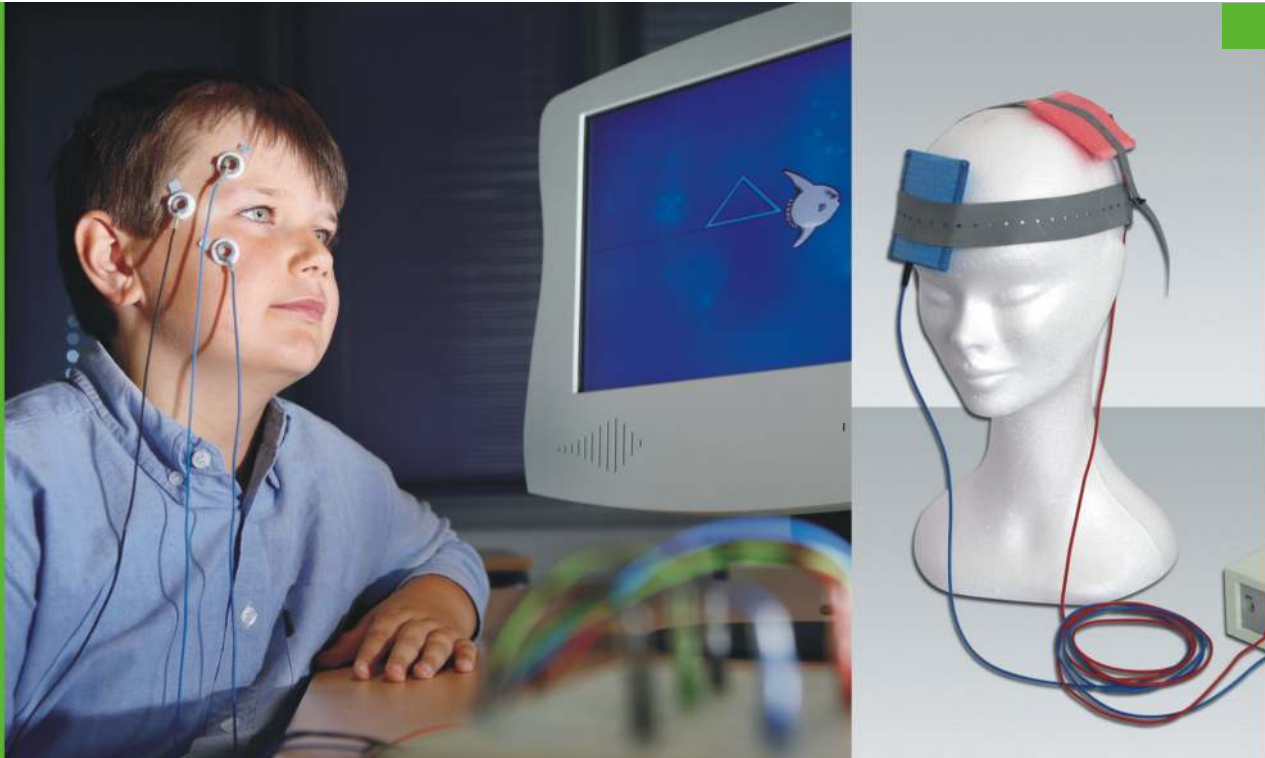
Founding of **neuroConn** GmbH

International sales expansion

Firm expansion – move to new building
Certified according to
EN DIN ISO 13485:2007



Therapy Devices – natural, proven, sustainable



Over the years **neuroConn** has been participating in many research studies looking for new and exciting ways to treat patients using the Neurofeedback and non-invasive brain stimulation methods.

Applications/Therapies

- ADHS** | Increase in attention, reduction of hyperactivity and impulsiveness, possible reduction of medication
- Stroke** | Improvement of motor activity, enhancing memory
- Migraine** | Reduction of inhibitory deficiency in migraine and migraine attacks
- Epilepsy** | Reduction and suppression of seizures, possible reduction of medication
- Tinnitus** | Reduction of tinnitus loudness and tinnitus distress
- Additional** | Treatments of depression, chronic pain, dementia, multiple sclerosis and sleep disorders

Our Products

THERA PRAX® | THERA PRAX® Q-EEG
DC-STIMULATOR | DC-STIMULATOR PLUS | DC-STIMULATOR MR | DC-STIMULATOR MC

Key benefits of our systems

- Neurofeedback devices can be converted into EEG/EP devices by adding modules and special software
- Our systems – and not just individual components – are CE certified and have approval in many countries of the world (FDA, PMDA, KFDA, etc.)
- Our devices can be used for combined Bio- und Neurofeedback applications
- **neuroConn** feedback devices work on clinical evaluated protocols
- We are the only manufacturer of transcranial DC-Stimulators (tDCS) in the world having a CE certification.



neuroConn GmbH
Grenzhammer 10
98693 Ilmenau
Germany

T +49 3677 68 979 0
F +49 3677 68 979 15

info@neuroConn.de
www.neuroConn.de

neuroConn is a supplier of publicly funded multi center studies in Neurofeedback and non-invasive brain stimulation and a member of the "German Bernstein Network of Computational Neuroscience".

