



#### How is tDCS treatment administered?

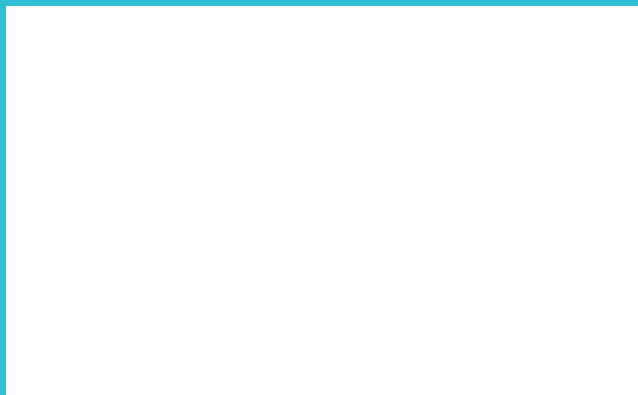
In preparation, the therapist moistens two areas on the head with a saline solution and then attaches the electrodes with rubber straps or a cap. During the stimulation the electrodes apply a weak current to the surface of the head.

#### What does the stimulation feel like?

tDCS is a well-tolerated method. Patients rarely feel the current at all. Only occasionally do patients report a slight tingling or burning sensation on the head at the beginning of the treatment.

Do you still have questions? Ask your doctor or therapist if tDCS might be an option for you.

Your tDCS provider:



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The portrayed tDCS-procedures are exemplary and do not represent a promise of cure for tDCS-devices.

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# tDCS

A therapy module for depression, pain or rehabilitation



# Therapy with tDCS

effective, painless and with minimal side effects

Transcranial direct current stimulation (tDCS) is a non-invasive, well-tolerated treatment method. It gently stimulates specific areas of your brain with a gentle weak current.

Therapy with tDCS has different effects depending on the indication. When successful, tDCS results in:

- improved mood,
- reduced pain,
- faster progress in rehabilitation of speech, motor or cognitive skills.



## Advantages of tDCS therapy

### What can tDCS achieve?

The tDCS is used to reduce symptoms of depression. Clinical studies also indicate, that tDCS therapy can be beneficial for the following conditions:

- mental illnesses, such as schizophrenia,
- pain, e. g. fibromyalgia, chronic and neuropathic pain
- rehabilitation, e. g. aphasia, dysphagia, motor and cognitive disorders.



Here you can read about the Studies.

### Proven effectiveness

tDCS is a scientifically recognized treatment method that has been extensively researched worldwide over the past 20 years. Clinical studies have demonstrated the effectiveness of this method in enhancing the brain's neuroplasticity – its ability to adapt and change.



### Little to no side effects

tDCS is regarded as a promising technique. Studies on safety and side effects show that the treatment is well-tolerated and has few side effects (Antal, 2017). Occasionally, mild fatigue may occur after stimulation. In rare cases individuals may report experiencing nausea or headaches.

### Manageable therapy duration

Several sessions of 20 to 30 minutes each are held per week. The number of sessions depends on the type and severity of your symptoms. Your therapist will be able to determine a tailored therapy plan.

### Who can treat with tDCS?

tDCS is a therapy method which can be applied by trained doctors, psychologists, occupational therapists, physiotherapists and speech therapists.