

Sooma Pain Therapy

Offer effective pain relief without compromises!

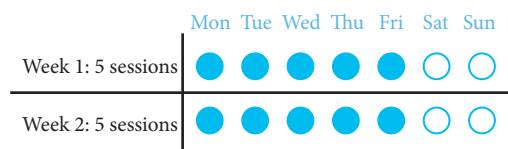


Sooma Pain Therapy offers an effective pain relief and helps to reduce analgesic use. It utilises transcranial direct current stimulation (tDCS) to modulate the sensory and affective processing of pain.

Recent meta-analyses show up to 58% pain relief for Fibromyalgia in just two weeks¹ and significant quality of life improvement for patients suffering from chronic neuropathic pain².

Applying the therapy is easy and the patient can also self-administer the therapy at home.

2 mA
20 minutes



Sooma Pain Therapy uses a low electrical current to modulate the function of the brain. The current is delivered non-invasively through two electrodes placed on scalp. The excitatory stimulation is delivered to the motor area, while the contralateral supraorbital area undergoes inhibitory stimulation.

Effective

The technique has been utilized in various pain types across several hundred scientific publications and clinical trials. European Academy of Neurology (EAN) gave a weak positive recommendation to the technique in the treatment of chronic neuropathic pain in 2016². In the evidence-based guideline, a recommendation is given also for the treatment of Fibromyalgia³.

Safe

Sooma Pain Therapy is well tolerated and not associated with serious adverse events. 90% of patients complete the treatment course successfully even if they are required to visit a clinic for every treatment session. A recent safety review, based on over 40 000 stimulation sessions, concluded that the technique is safe even when used in adolescent or elderly population⁴.

The Sooma Pain Therapy starter kit includes:

- Sooma tDCS stimulator
- ComfoTrobe electrodes
- ComfoCap for sensorimotor area stimulation
- 60 pairs of ComfoPad stimulation pads
- Mobile Case
- Access to Sooma Software Suite
- 1 year warranty
- Use training and clinical support



Easy to apply

The stimulation is delivered using a Class IIa-medical device: Sooma tDCS™. It features a single control button that is used to start and pause the stimulation. Everything else, including ending a session, is automated for your convenience and to prevent accidental modification of stimulation output. The stimulator unit is portable enabling normal movement or simultaneous rehabilitation during stimulation.

With remote monitoring

A physician is able to follow the progress of home-based patients during Sooma Pain Therapy via Sooma Software Suite. An application is installed on the patient's mobile phone, which is used to record data about wellbeing and daily levels of pain. The data is synchronised to a cloud which the physician is able to access via internet browser. Using the data, the physician is able to monitor the treatment progress and make instant changes to treatment schedule.

Specifications

Output current	0 - 3 mA direct current, adjustable in increments of 0.1 mA.
Application time	0 - 60 min. Adjustable in increments of 30 sec.
Ramp-Up / Ramp-Down	0.1 mA/s
Placebo mode	Supports double-blind condition with validated sham reliability.

References

1. Zhu CE et al. Effectiveness and safety of transcranial direct current stimulation in fibromyalgia: A systematic review and meta-analysis. *J Rehabil Med.* 2017 Jan 19;49(1):2-9.
2. Cruccu G et al. EAN guidelines on central neurostimulation therapy in chronic pain conditions. *Eur J Neurol.* 2016 Oct;23(10):1489-99.
3. Lefaucheur JP et al. Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). *Clin Neurophysiol.* 2017 Jan;128(1):56-92.
4. Bikson M, et al. Safety of Transcranial Direct Current Stimulation: Evidence Based Update 2016. *Brain Stimul.* 2016 Sep-Oct;9(5):641-61.

Head caps for all your needs

Our head caps are intuitive to use and offer always just the correct electrode position. You can choose head caps with fixed electrode placement or we can help you build individualised head caps for each one of your patients.

Accessories

ComfoCap	CCS3 CCM3 CCL3	ComfoCap for sensori-motor area stimulation. Small, Medium, Large
ComfoCap customised placement	CCS0 CCM0 CCL0 TOOL	ComfoCap without fixed electrode positions. Tool for creating electrode positions.
ComfoTrode	CE25	A pair of electrodes.
ComfoPad	CP25	20 pairs of contact media pads for use with ComfoTrode electrodes.
Rubber straps	RS5520	Straps allow user to place the electrodes according to individually defined treatment areas. 5 x short strap, 45 cm 5 x long strap, 67 cm Plastic strap buttons to fasten the straps, 20 pieces
Fabric strap	FS40	Elastic fabric strap with velcro allows to position reference electrode to limbs. Size 100 mm x 40 cm.

