

Personalized tCS solutions

Head model creation based on individual MRI

Identify specific areas or lesions on the brain

Find the optimal tCS montage

Apply tCS treatment with Starstim

Monitor progress and adjust the treatment

Currents (uA) per electrode

AF4:	568 uA
C4:	-852 uA
F3:	-1.000 uA
F4:	-1.000 uA
FC5:	-587 uA
FPZ:	871 uA
FZ:	1.000 uA
Cz:	1.000 uA



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Starstim studies

Opportunities for Guided Multichannel Non-invasive Transcranial Current

Stimulation in Poststroke Rehabilitation.
 Otal B, Duha A, Foerster Á, Ripolles O, Kuceyeski A, Miranda PC, Edwards DJ, Ilić TV, Nitsche MA, Ruffini G.
Frontiers in Neurology, 7:21 (February 2016)
 doi: 10.3389/fneur.2016.00021

Prefrontal tDCS Decreases Pain in Patients with Multiple Sclerosis.

Ayache SS, Palm U, Chalah MA, Al-Ani T, Brignol A, Abdellaoui M, Dimitri D, Sorel M, Créange A and Lefaucheur JP.
Frontiers in Neuroscience 10:147 (April 2016)
 doi: 10.3389/fnins.2016.00147

Efficacy of transcranial direct current stimulation (tDCS) in reducing consumption in patients with alcohol use disorders: study protocol for a randomized controlled trial.

Trojak B, Soudry-Faure A, Abello N, Carpentier M, Jonval L, Allard C, Sabsevari F, Blaise E, Ponavoy E, Bonin B, Meille V.
Trials 2016, 17: 250 (May 2016)
 doi: 10.1186/s13063-016-1363-8

starstim^{NE®}

non-invasive neurostimulation treatments for clinical and home healthcare environments and neuroscience research

NE[®]

CE Medical Device



NE
 neuroelectrics[®]

Non-invasive wireless hybrid EEG & tCS neurostimulator

Pain
 Depression
 Stroke Rehabilitation
 Addictive Disorders

Starstim complies with the European directive for medical devices for the treatment of pain, stroke rehabilitation, depression and addictive disorders.

Hybrid EEG
& tDCS/tACS/tRNS protocols

Multi-channel*
& High-Definition tCS

Wireless & cloud-connected
technology

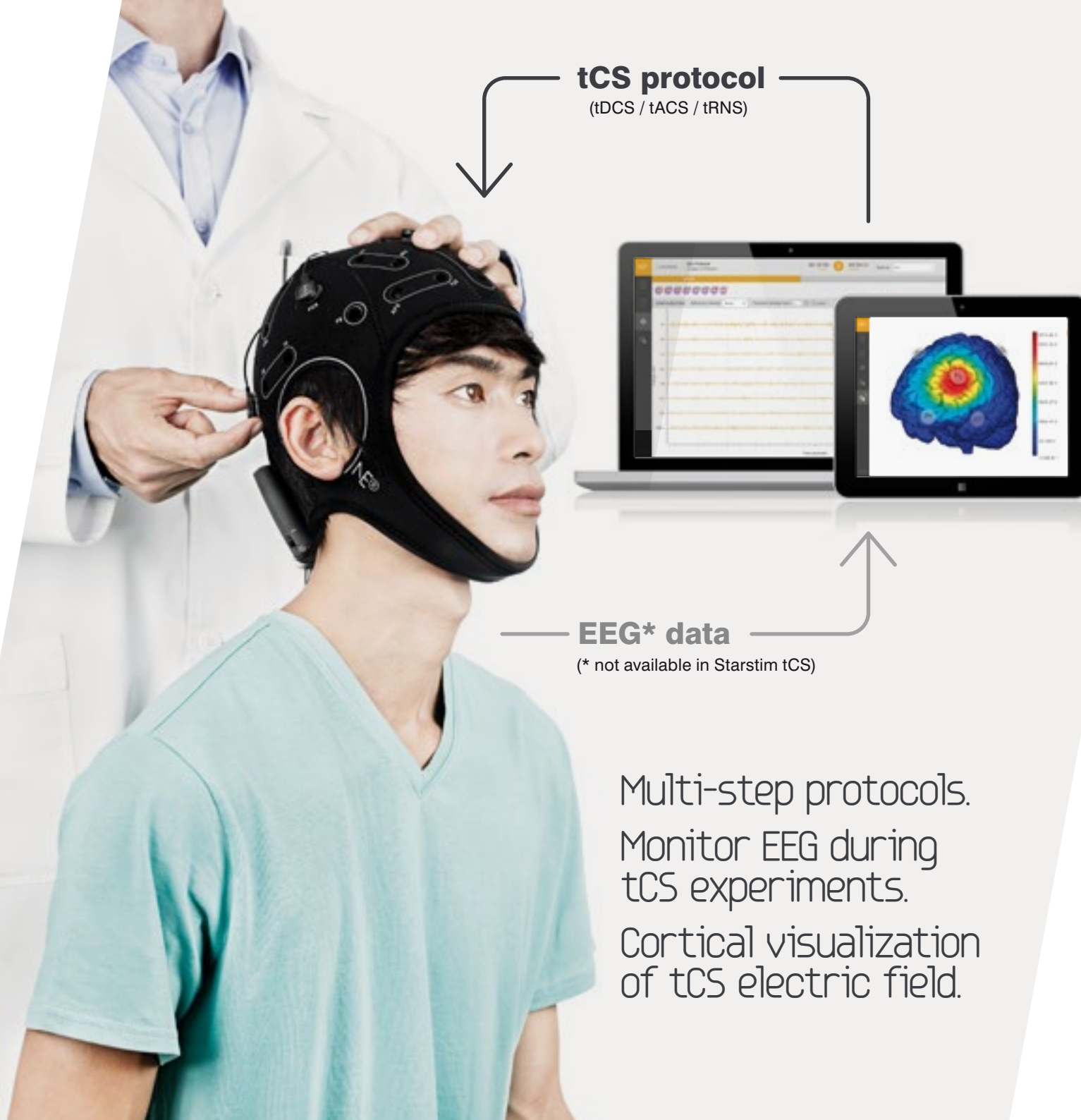
Optional MRI compatibility

CE Certified

Europe: Starstim is a class IIa device according to the classification in the Council Directive 93/42/CEE for medical devices.

US CAUTION: US Federal Law classifies Starstim as an investigational device.

Canada: Starstim conforms with the Canadian Medical Device Regulations SOR/98-282



tCS protocol
(tDCS / tACS / tRNS)

EEG* data
(* not available in Starstim tCS)

Multi-step protocols.

Monitor EEG during
tCS experiments.

Cortical visualization
of tCS electric field.

Home Research Kit

Starstim is suitable for multi-center studies aiming to expand treatments to the home environment.

Manage patients
and tCS protocols

Provide tCS training
to patients

Prescribe tCS
treatments

Create online
questionnaires

Follow-up patients
and adjust protocols

