

Doelgroep: patiënten met depressie

Title of the study	Accelerated iTBS
Describe your study in two sentences (max. 500 characters)	Accelerated iTBS for Depression. Sham controlled study, including Brain imaging and Cognitive training Therapie
Principle investigator (PI) + Instituut	Baeken Chris UGent
Primary contact information (email/tel)	chris.baeken@ugent.be
Co-investigators + Institutes	Marieanne.vanderhasseltugent.be
Study period	until 2023
Status of project	Recruitment ongoing
Funding	BOF UGent
Number of participating centers	1
Link to study website	https://www.gheplab.ugent.be/
Link to trial registration	https://clinicaltrials.gov/ct2/show/NCT03288675
Research question(s)	Combination accelerated iTBS and cognitive training
Study population (disorder)	Unipolar depression
Total sample size (as in METC protocol)	68
Neuromodulation modality	rTMS (including TBS)
TMS hardware	MagStim
Coil type	figure of eight 70mm
Sample size	68
Stimulation target	left DLPFC
Method used for coil placement	
Coil orientation	45°
Frequency	iTBS
Inter-train interval	6
Train duration	2
Number of pulses per session	3000
% of resting motor threshold	120
Coil type	sham coil
Sample size	68
Stimulation target	left DLPFC
Method used for coil placement	fMRI-based neuronavigation
Coil orientation	45°
Frequency	iTBS

Inter-train interval	6
Train duration	2
Number of pulses per session	3000
% of resting motor threshold	120
Adjuvant treatment	Cognitive Trainig Therapy
Number of sessions	20
Frequency of sessions	5/day
Primary outcome	depression severity
Secondary outcomes	Brain imaging changes
Covariates	https://clinicaltrials.gov/ct2/show/NCT03288675