Multiple Sclerosis

We are one of the few centers having made good experience on rTMS and MS

A great potential can be seen, most of all regarding gait and spasticity.

Initial treatment can be performed at the outpatient practice of Dr. Seemann in form of an intensive 2 - 4 week treatment, with rTMS sessions each day.

Current studies on rTMS and Multiple Sclerosis: Aktuelle Studien zu rTMS bei Multipler Sklerose:

- The application of high-frequency and iTBS transcranial magnetic stimulation for the treatment of spasticity in the patients presenting with secondary progressive multiple sclerosis
- Safety and preliminary efficacy of deep transcranial magnetic stimulation in MS-related fatigue
- rTMS affects working memory performance, brain activation and functional connectivity in patients with multiple sclerosis
- Repetitive transcranial magnetic stimulation of the motor cortex ameliorates spasticity in multiple sclerosis
- Modulation of the left prefrontal cortex with high-frequency repetitive transcranial magnetic stimulation facilitates gait in Multiple Sclerosis