

# Review of: "Transcranial Magnetic Stimulation"

Motaz Sonbol

**Potential competing interests:** The author(s) declared that no potential competing interests exist.

This definition is limited. TMS is a procedure that uses pulsating magnetic fields to induce an electric current within the brain. The characteristics of the current vary according to several parameters, mainly pulse intensity, frequency and duration. In theory, it can be used to stimulate or inhibit the cerebral cortex by varying these parameters. Current clinical applications include treating treatment resistant depression and OCD. Other future indications might include chronic pain, anxiety and addiction. In research, TMS is being used to study cortical excitability and the effects of stimulating or inhibiting different cortical areas.