

Repetitive Transcranial Magnetic Stimulation

Action: Stimulates neuroplasticity in the focal area to which it is applied

Indications and dose

- **Depression** – short term use; Adult, elderly and child: 30 sessions, up to 8 sessions per day
- **Depression – maintenance;** Adult, elderly and child: 1-2 sessions per month

Unlicensed use

OCD, PTSD, addictions, anxiety, EUPD

Important safety information

1 in 50,000 risk of provoking a seizure during treatment. Seizures are transient and do not represent a risk to health in themselves.

Contra-indications

Ferromagnetic material in the head or neck, cochlear implants

Cautions

Withdrawal from alcohol during treatment can lower the seizure threshold so should be avoided; Multiple sclerosis; Brain tumour and brain cysts

Interactions

None

Side-effects

Common or very common

None

Uncommon

Mild transient headache; scalp discomfort; facial muscle twitching during treatment.

Rare or very rare

Seizure; transient problems with sleeping; drowsiness

Pregnancy

No known risks

Breast feeding

No known risks

Hepatic impairment

No adjustments required

Renal impairment

No adjustments required

Treatment cessation

No adjustments required

Directions for administration

10Hz over F3 for 20 minutes plus cTBS 40 seconds over F4. Recommended inter session interval ≥ 20 minutes

Patient and carer advice

Driving and skilled tasks

No advice required

Medicinal forms

Not applicable

Other drugs in class

Not applicable