

# Transcranial magnetic stimulation (TMS) in the treatment of depression

<b>Submission date</b> 12/09/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 16/09/2014	<b>Condition category</b> Mental and Behavioural Disorders	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Dr Joe Johnson

### Contact details

Newsham Ward  
Broadoak Unit  
Broadgreen Hospital  
Thomas Drive  
Liverpool  
United Kingdom  
L14 3PJ  
+44 (0) 151 250 5075

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N0156116088

# Study information

## Scientific Title

## Study objectives

It is hypothesised that bilateral transcranial magnetic stimulation (TMS) produces a more rapid symptom response than unilateral TMS in the treatment of major depression.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Not provided at time of registration

## Study design

Randomised double-blind placebo-controlled crossover study

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Treatment

## Participant information sheet

## Health condition(s) or problem(s) studied

Mental and Behavioural Disorders: Depression

## Interventions

Unilateral rTMS versus bilateral TMS versus sham TMS.

The study will be done in two phases. Phase 1 will be done as a pilot study aimed at generating a power calculation to determine the size of the subsequent trial (Phase 2).

## Intervention Type

Other

## Phase

Not Applicable

## Primary outcome measure

It is hoped that the outcome of this project will be improvements in symptom rating scales in depression using the Hamilton Rating Scale and the Beck Depression Inventory

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

22/07/2002

**Completion date**

22/07/2004

## Eligibility

**Key inclusion criteria**

Suitable subjects will be recruited from the outpatient clinics and inpatient units within Mersey Care NHS Trust in Liverpool, who have been diagnosed as having depression using the Hamilton Depression Rating Scale and Beck Depression Inventory, and are between the ages of 16 to 65 years.

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Not Specified

**Target number of participants**

Not provided at time of registration

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

22/07/2002

**Date of final enrolment**

22/07/2004

## Locations

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

Newsham Ward

Liverpool

United Kingdom  
L14 3PJ

## Sponsor information

### Organisation

Department of Health (UK)

### Sponsor details

Richmond House  
79 Whitehall  
London  
United Kingdom  
SW1A 2NL

### Sponsor type

Government

### Website

<http://www.doh.gov.uk>

## Funder(s)

### Funder type

Government

### Funder Name

Mersey Care NHS Trust (UK)

## Results and Publications

### Publication and dissemination plan

Not provided at time of registration

### Intention to publish date

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration