

Psychotherapy in mild cognitive impairment

Submission date 20/12/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 07/06/2007	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 04/04/2016	Condition category Mental and Behavioural Disorders	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<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 Arunraj Kaimal

Contact details
SPR in old age psychiatry
Academic Department of Psychiatry
Second floor
Education Research Centre
Wythenshawe Hospital
Manchester
United Kingdom
M23 9LT

Additional identifiers

Protocol serial number
1234

Study information

Scientific Title
Psychotherapy in mild cognitive impairment

Acronym
PICT-MCI

Study objectives

1. The hypothesis is that, structured psychotherapeutic intervention, based on Psychodynamic Interpersonal Therapy principles, directed at sufferers of MCI and their partners/spouses will result in improved well being of sufferers [as assessed by measures of cognitive function, mood, psychological distress, interpersonal functioning and quality of life] and lowered psychological distress in their partners/ spouses, in comparison with controls.

2. The improved well being of sufferers of MCI, as a result of successful Psychodynamic Interpersonal Therapy would result in changes in task induced Blood Oxygenation Level Dependant (BOLD) signal of functional Magnetic Resonance Imaging (fMRI).

Ethics approval required

Old ethics approval format

Ethics approval(s)

Being reviewed by South Manchester Research Ethics Committee as of 20/12/2006 – approval pending

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Mild cognitive impairment

Interventions

Baseline fMRI measures will be obtained before a course of psychotherapy in patients in the experimental group receiving psychotherapy, and patients in the control group receiving standard care. After which patients are classified as responders or non-responders in both groups based on symptom improvement or other clinical outcome measures and they will be re-examined with the same imaging protocol. This technique allows for the assessment of psychotherapy related changes in brain activation and their specificity for successful outcome.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Clinical outcomes in routine evaluation

Key secondary outcome(s)

1. Geriatric Depression Scale [GDS]
2. Becks Anxiety Inventory

3. Marital Intimacy Scale in Dementia
4. MMSE
5. QUAL-AD
6. RSQ and RQ-Attachment

Completion date

01/02/2009

Eligibility

Key inclusion criteria

Psychotherapy:

1. Diagnosis of MCI according to the criteria suggested by the International Psychogeriatric Association expert conference on mild cognitive impairment
2. Living with a spouse or partner
3. Ability to create of a conversation in English aiming to develop a mutual feeling language based on psychodynamic interpersonal concepts
4. Mini Mental State Examination (MMSE) above 26

Imaging:

5. Fifteen patients with MCI from the intervention arm and 15 patients with MCI from the control arm as described in inclusion criteria above without any standard contraindications to MR imaging

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Psychotherapy:

1. People not meeting the inclusion criteria
2. Patients/spouses suffering from serious physical conditions

Imaging:

1. Patients with standard contraindications to MR imaging, including patients with metal implants, or cardiac pacemakers
2. Patients with psychological distress (e.g. phobias) associated with MR imaging

Date of first enrolment

01/02/2007

Date of final enrolment

01/02/2009

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Wythenshawe Hospital

Manchester

United Kingdom

M23 9LT

Sponsor information

Organisation

Manchester Mental Health and Social Care Trust (UK)

Funder(s)

Funder type

Government

Funder Name

Wythenshawe Hospital (the academic division of old age psychiatry, Education Research Centre)
(UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration