

Positron emission tomography (PET) measurement of the displaceability of [¹¹C]FLB 457 from extra-striatal dopamine D2 receptors in man

Submission date 30/09/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 30/09/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 01/12/2010	Condition category Other	☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N0016131985

Study information

Scientific Title

Study objectives

1. To measure binding of [11C]FLB 457 after the administration of methylphenidate and placebo in normal volunteers.
2. To determine if [11C]FLB 457 is displaceable in extra-striatal regions of the brain.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Not Applicable: Metabolism

Interventions

Double-blind, placebo controlled, randomised study to measure binding of [11C]FLB 457 after the administration of methylphenidate and placebo in normal volunteers.

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

methylphenidate

Primary outcome(s)

To measure accurately extra-striatal dopamine D2 receptor density in man. If [11C]FLB 457 is displaceable from extrastriatal D2 receptors, it will have great potential value for the measurement of extrastriatal dopamine levels.

Key secondary outcome(s)

Not provided at time of registration

Completion date

03/09/2005

Eligibility

Key inclusion criteria

Volunteers: 16. Males 25-65 yrs, females 45-65 yrs.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

02/09/2001

Date of final enrolment

03/09/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

c/o Lindsay Green, Assistant Direct

London

United Kingdom

W12 0HS

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

Hammersmith Hospital NHS Trust

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/02/2007		Yes	No