

Effects of brain stimulation on metabolism.

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON27728

Source

Nationaal Trial Register

Brief title

DBS PD

Health condition

Parkinson's disease, glucose and lipid metabolism disorders

Sponsors and support

Primary sponsor: J.J.P. Kastelein

Source(s) of monetary or material Support: Initiator funded

Intervention

Outcome measures

Primary outcome

Glucose metabolism and lipid metabolism.

Secondary outcome

Hormones.

Study description

Background summary

Bilateral subthalamic nucleus deep brain stimulation gives rise to local changes in the brain with a subsequent effect on hepatic triglyceride secretion and endogenous glucose production. By turning the stimulator on and off, insight will be given in the effect on the metabolism.

Study objective

Bilateral subthalamic nucleus deep brain stimulation gives rise to local changes in the brain with a subsequent effect on hepatic triglyceride secretion and endogenous glucose production.

Study design

Start 1-1-2009.

Intervention

2 study days which take 8 hours each. Blood withdrawal every hour during 8 hours and within those hours we also perform a hyperinsulinemic euglycemic clamp.

Contacts

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Eligibility criteria

Inclusion criteria

Patients with parkinsons disease with bilateral subthalamic nucleus deep brain stimulation.

Exclusion criteria

1. Below 18;
2. Psychiatric disorders;
3. Dyslipidemia;
4. Diabetes.

Study design

Design

Study type:	Interventional
Intervention model:	Crossover
Allocation:	Non controlled trial
Masking:	Double blinded (masking used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-01-2009
Enrollment:	10
Type:	Anticipated

Ethics review

Positive opinion	
Date:	09-04-2009

Application type:

First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL1657
NTR-old	NTR1754
Other	AMC : METC 08/278
ISRCTN	ISRCTN wordt niet meer aangevraagd

Study results

Summary results

N/A