

Assessment of the Cerebral location of paracetamol activity by f-MRI

No registrations found.

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

Summary

ID

NL-OMON24736

Source

NTR

Brief title

N/A

Health condition

MRI(Magnetic Resonance Imaging), Paracetamol.

Sponsors and support

Primary sponsor: UZ Brussel Department of Anesthesiology and Perioperative Medicine

Prof. Dr. Jan Poelaert

Laarbeeklaan 101

1090 Jette

Source(s) of monetary or material Support: UZ Brussel Department of Radiology and Medical Imaging

Prof. Dr. Johan De Mey

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Intervention

Outcome measures

Primary outcome

Evaluation of the cerebral activity of paracetamol, assessed by f-MRI

Secondary outcome

N/A

Study description

Background summary

Paracetamol is a widely used old drug yet it remains a mystery at which part of the brain it performs its activity. Further research with modern imaging is needed. With this study we aim to reveal its location in the brain by using f-MRI.

Study objective

paracetamol induces changes in brain activity

Study design

4 months for conducting MRI and afterwards data analysis

Intervention

The first f-MRI takes 20 minutes. After leaving the f-MRI the study medication (PO) will be taken with some water. One hour later the second f-MRI is taken, and the study ends at this point.

Contacts

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Scientific

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Eligibility criteria

Inclusion criteria

Healthy volunteers aged 18 to 65, not pregnant.

Exclusion criteria

Allergy to paracetamol
Medical devices not allowed in a f-MRI
Claustrophobia

Study design

Design

Study type:	Interventional
Intervention model:	Other
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	02-01-2014
Enrollment:	15
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion

Date: 22-10-2013

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	NL4068
NTR-old	NTR4219
Other	MEC UZ Brussel : 2013/223
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A