Study on intracranial meningioma using PET ligand investigation during follow-up over years [SIMPLIFY], a pilot study.

No registrations found.

Ethical review	Positive opinion
Status	Other
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON25844

Source
NTR

Brief title
SIMPLIFY

Health condition

meningioma, follow-up, methionine PET

Sponsors and support

Primary sponsor: University Medical Center Groningen
Source(s) of monetary or material Support: Institutional funding [hospital]
Healthy Aging Pilot-subsidy

Intervention

Outcome measures

Primary outcome

The difference between the MRI-only and MRI/methionine PET report

Secondary outcome

Not applicable

Study description

Background summary

The aim of this study is to investigate whether MET-PET in combination with MRI has added value over MRI alone in the follow-up of patients with meningiomas in difficult intracranial localizations after SRT.We plan to include a cohort of 35 adult patients who have been treated for an intracranial meningioma with SRT and had their radiotherapy field (partially) planned on MET-PET (irrespective of preceding neurosurgical resection of the tumour). The included patients get repeated MET-PET in addition to the 1-year regular follow-up MRI-scan (care as usual). Finally, we evaluate the differences in findings (progression or not) between follow-up MRI + MET-PET versus follow-up MRI alone.

Study objective

Purpose of this study is to investigate if methionine PET scanning [combined with MRI scanning] has added value in the follow-up of intracranial meningioma compared to MRI scanning alone.

Study design

Participants will have a methionine PET scan in adjunct to their regular once-a-year MRI scan

Intervention

Participants of this study will undergo a methionine PET scan in addition to their regular follow-up MRI-cerebrum

Contacts

Public
UMCG

J.R. Jeltema
Hanzeplein 1 - PO Box 30.001

Groningen 9700 RB

The Netherlands
+31-50-3612837l
Scientific
UMCG

J.R. Jeltema
Hanzeplein 1 - PO Box 30.001

Groningen 9700 RB
The Netherlands
+31-50-3612837l

Eligibility criteria

Inclusion criteria

- age above 18 years

- profound understanding of the dutch language

- treatment with SRT for an intracranial meningioma with a pre-treatment MET-PET for radiation field planning purposes

-Able to give written informed consent

Exclusion criteria

- Adverse reaction during previous MET-PET scanning

- Pregnancy

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial

Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Other
Start date (anticipated):	01-05-2018
Enrollment:	35
Type:	Unknown

Ethics review

Positive opinion

Date:	04-03-2018
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 44234
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL6968
NTR-old	NTR7156
CCMO	NL63750.042.17
OMON	NL-OMON44234

Study results