

Differential diagnostics in Parkinsons Disease and the Atypical Parkinsonian Disorders

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To investigate the value of ancillary diagnostic investigations, more specific MRI, 123I-MIBG scintigraphy, ultrasound examination of the basal ganglia and analysis of cerebrospinal fluids to differentiate Parkinson's disease and the Atypical...

Ethical review	Approved WMO
Status	Recruiting
Health condition type	Movement disorders (incl parkinsonism)
Study type	Observational invasive

Summary

ID

NL-OMON32744

Source

ToetsingOnline

Brief title

Parkinson's Disease Diagnostic Observations (PADDO)

Condition

- Movement disorders (incl parkinsonism)

Synonym

Parkinson's Disease

Research involving

Human

Sponsors and support

Primary sponsor: Universitair Medisch Centrum Sint Radboud

Source(s) of monetary or material Support: Internationaal Parkinson Fonds

Intervention

Keyword: Diagnostic value, Parkinsonism, Parkinson's Disease

Outcome measures

Primary outcome

Primary outcome will be value of the individual investigations to establish the diagnosis: Parkinson's Disease or Atypical Parkinsonian Disorder

Secondary outcome

Secondary outcome might be the differentiation between the different subtypes of Atypical Parkinsonian Disorder

Study description

Background summary

Parkinson's Disease and the Atypical Parkinsonian Disorder (like Multiple System Atrophy, Progressive Supranuclear Palsy, Corticobasal Degeneration, Lewy Body Dementia) are disease entities with partly common symptomatology. Especially very early in the course of disease, the differentiation between both disease entities can be challenging, even for specialists in the field of movement disorder. However, the establishment of a correct diagnosis is very important for adequate patient counseling, treatment and the correct inclusion of patients in research trials. Ancillary diagnostic investigations are looked upon to aid in this diagnostic dilemma.

Study objective

To investigate the value of ancillary diagnostic investigations, more specific MRI, 123I-MIBG scintigraphy, ultrasound examination of the basal ganglia and analysis of cerebrospinal fluids to differentiate Parkinson's disease and the Atypical Parkinsonian disorder.

Study design

Prospective, observational study

Study burden and risks

The proposed investigations are, when taken into account the individual indications and contra-indications, safe and are already used widely as ancillary investigations. Furthermore, these investigations have shown great value in the field of Parkinson's Disease, more specifically in the differentiation between Parkinson's Disease and the Atypical Parkinsonian Disorder.

Contacts

Public

Universitair Medisch Centrum Sint Radboud

Postbus 9101
6500 HB Nijmegen
NL

Scientific

Universitair Medisch Centrum Sint Radboud

Postbus 9101
6500 HB Nijmegen
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Parkinsonism

Exclusion criteria

- o Diagnosis *probable PD*
- o Diagnosis *probable MSA*
- o Diagnosis *probable PSP*
- o Diagnosis *CBD*
- o Diagnosis *DLB*
- o Diagnosis *probable Vasculair Parkinsonisme*
- o Cerebral disease other than neurodegenerative parkinsonism
- o Brain surgery in medical history
- o Severe co-morbidty
- o Furthermore, each diagnostic tests has individual contra-indications, which will be applied to all patients.

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated): 25-10-2010

Enrollment: 150

Type: Actual

Ethics review

Approved WMO

Date: 27-04-2010

Application type: First submission

Review commission: CMO regio Arnhem-Nijmegen (Nijmegen)

Approved WMO

Date:	03-09-2015
Application type:	Amendment
Review commission:	CMO regio Arnhem-Nijmegen (Nijmegen)
Approved WMO	
Date:	21-12-2015
Application type:	Amendment
Review commission:	CMO regio Arnhem-Nijmegen (Nijmegen)

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
CCMO	NL30828.091.09