

Evaluation of balance disorders or vestibular disorders in Parkinson's disease and atypical Parkinson's disease variants.

No registrations found.

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

Summary

ID

NL-OMON22547

Source

Nationaal Trial Register

Brief title

NeuroVest Trial

Health condition

Parkinson's disease and atypical Parkinsonism.

Sponsors and support

Primary sponsor: Canisius-Wilhelmina Ziekenhuis, Nijmegen, the Netherlands.

Source(s) of monetary or material Support: Canisius-Wilhelmina Ziekenhuis, Nijmegen, the Netherlands.

Intervention

Outcome measures

Primary outcome

Comparison of the test results correlate with risk of falling, vestibular complaints or disease progression.

Secondary outcome

1. Correlation of the test results with future fall risk;
2. Prevalence of vestibular disorders in Parkinson's disease or atypical variants.

Study description

Background summary

The neurovestibular system of patients with Parkinson's disease and atypical Parkinsonisms (like PSP, MSA, vascular parkinsonism and cortico-basal syndrome) are studied clinically (clinical examination and questionnaires) and by neurophysiologic testing (VEMP, BAEP, ENG and SVV). Patients and healthy volunteers are invited to participate in this study. The primary aim of this study is to have a better understanding of the neurovestibular pathophysiological mechanisms contributing to falling in parkinson's disease and atypical parkinsonisms and to evaluate vestibular complaints in these patients.

Study objective

1. Different neuropathological mechanisms in Parkinson's disease and atypical Parkinsonism concerning the risk of falling;
2. Research concerning the diagnostic accuracy and sensitivity of VEMP and SVV.

Study design

1. First year: 50 inclusions;
2. Second: 100 inclusions;
3. Third: 150 inclusions.

Intervention

1. BAEP;
2. ENG;
3. VEMP;

4. SVV;

5. Questionnaire.

(Total duration: 2,5 hours, only 1 visit)

Contacts

Public

Canisius Wilhelmina ziekenhuis te Nijmegen

Weg door Jonkerbos 100

Postbus 9015
J. Venhovens
Nijmegen 6500 GS
The Netherlands

Scientific

Canisius Wilhelmina ziekenhuis te Nijmegen

Weg door Jonkerbos 100

Postbus 9015
J. Venhovens
Nijmegen 6500 GS
The Netherlands

Eligibility criteria

Inclusion criteria

1. Age > 18 years;
2. Parkinson's disease, atypical variants (MSA, PSP, CBS and vascular) or healthy control.

Exclusion criteria

1. No cognitive problems;
2. Doesn't use hypnotica, sedativa or anxiolytica;
3. No other known neuro-oto-ophthalmological problems.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Single blinded (masking used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-01-2013
Enrollment:	150
Type:	Anticipated

Ethics review

Positive opinion	
Date:	29-03-2013
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	NL3770
NTR-old	NTR3928
Other	METC Regio Arnhem/Nijmegen : 2012/393
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A