

Driving ability after neurological diseases: driving behavior and therapy

Submission date 27/03/2006	Recruitment status No longer recruiting	☐ Prospectively registered
		☐ Protocol
Registration date 02/05/2006	Overall study status Completed	☐ Statistical analysis plan
		☐ Results
Last Edited 22/12/2006	Condition category Nervous System Diseases	☐ Individual participant data
		☐ Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
05010

Study information

Scientific Title

Study objectives

Driving ability, measured by a test of driving behavior after the intervention, improves more after a neuropsychological training with additional individual driving training than after a neuropsychological training with placebo intervention.

Ethics approval required

Old ethics approval format

Ethics approval(s)

University of Bonn, Medical Faculty (under review as of 02/05/2006)

Primary study design

Interventional

Study design

Randomised clinical trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Stroke, brain injury

Interventions

Group A: Individual driving training and neuropsychological training

Group B: Neuropsychological training and placebo intervention (computer education)

Pre/post: test of driving behavior and neuropsychological assessment.

Additional post: interview with patient about compensational strategies and interview with driving instructor concerning patients performance during driving lessons.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Not provided at time of registration

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/05/2006

Eligibility**Key inclusion criteria**

Neurological, annuity assured patients (phase d, Barthel-Index >80) with stroke or brain injury and written informed consent.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Hemiparesis
2. Seizure disorder
3. Visual field failures in terms of driving licence ordinance (FeV appendix 6)
4. Psychiatric history and important cognitive impairment as orientation disorder and a lack of understanding of instructions
5. Patients with extreme abnormal driving experience (no car driving in the last year or more than 70,000 km per year)

Date of first enrolment

01/04/2006

Date of final enrolment

31/05/2006

Locations**Countries of recruitment**

Germany

Study participating centre

Neurological Rehabilitation Center Godeshoehe e.V.

Bonn

Germany

53177

Sponsor information**Organisation**

Refonet (Germany)

ROR

<https://ror.org/04yeh2x21>

Funder(s)

Funder type

Research organisation

Funder Name

Rehabilitations - Research Network of the German Pension Insurance Fund Rhineland - Refonet Germany (Forschungsnetzwerk der Deutschen Rentenversicherung Rheinland - Refonet) Project number: 05010

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Study website	Study website	11/11/2025	11/11/2025	No	Yes