Long-term follow-up and prognosis of patients with ulnar neuropathy at the elbow in which the electrodiagnostic study shows a motor conduction block of more than 50%

Published: 30-10-2006
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What is the long-term prognosis in patients with an ulnar neuropathy at the elbow and a motor conduction block of >= 50%?

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Peripheral neuropathies
Study type	Observational non invasive

Summary

ID

NL-OMON29769

Source
ToetsingOnline

Brief title
prognosis of ulnar neuropathy with an severe motor conduction block

Condition

- Peripheral neuropathies

Synonym
nerve at elbow, ulnar neuropathy

Research involving
Human

Sponsors and support

Primary sponsor: Sint Elisabeth Ziekenhuis
Source(s) of monetary or material Support: geen

Intervention

Keyword: motor conduction block, neuropathy, prognosis, Ulnar

Outcome measures

Primary outcome

Clinical signs and symtoms and physical examination at follow-up.

electrodiagnostic and sonographic studies

Secondary outcome

none

Study description

Background summary

Ulnar neuropathy at the elbow is the second most common entrapment neuropathy, and electrophysiologic studies are usually performed to confirm this diagnosis. There are no studies which describe the prognosis of patients with a severe motor conduction block.

Study objective

What is the long-term prognosis in patients with an ulnar neuropathy at the elbow and a motor conduction block of >= 50%?

Study design

Study in a prospective cohort

Study burden and risks

A single visit to the outpatient clinic of the neurology department
A single electrodiagnostic and sonographic study

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age
Adults (18-64 years)
Elderly (65 years and older)

Inclusion criteria

Every patient with proven ulnar neuropathy at the elbow with at electrodiagnostic testing a motor conduction block of the abductor digiti minimi (ADM) and the musculus interosseus I (MII) of >= 50%.
Informed consent

Exclusion criteria

* Acute trauma origin of the ulnar neuropathy
* History of a polyneuropathy
* Findings of polyneuropathy during physical examination.
* Genetically proven hereditary neuropathy with liability to pressure palsies

* Alcohol-abuse, chemotherapy

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)

Primary purpose: Other

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	01-12-2006
Enrollment:	80
Type:	Actual

Medical products/devices used

Registration:	No

Ethics review

Approved WMO

Date:	30-10-2006
Application type:	First submission
Review commission:	METC Brabant (Tilburg)

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	NL12590.008.06