

The effectiveness of finger orthoses for the treatment of swan neck deformity in arthritis patients

Submission date 28/12/2006	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 28/12/2006	Overall study status Completed	☐ Protocol
Last Edited 14/01/2021	Condition category Musculoskeletal Diseases	☐ Statistical analysis plan
		☒ Results
		☐ Individual participant data

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
NL520, NTR564

Study information

Scientific Title

The effectiveness of finger orthoses for the treatment of swan neck deformity in arthritis patients

Acronym

EFFORT

Study objectives

Oval-8 splints and Silver Ring splints are equally effective in improving dexterity in patients with swan neck deformities in index-and middle finger

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approval received from the Ethics board of Leiden University Medical Center on the 28th February 2005 (ref: P05.011).

Primary study design

Interventional

Study design

Randomised, controlled, multicentre trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Rheumatoid diseases with hand involvement

Interventions

- A. Intervention with a Silver Ring splint
- B. Intervention with a Oval-8 splint

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Dexterity:

- 1. Hand/finger function domain of the Arthritis Impact Measurements Scales 2.
- 2. Sequential Occupational Dexterity Assessment score.

Key secondary outcome(s)

- 1. Motivation
- 2. Expectations, preferences and acceptability
- 3. Compliance and costs

Completion date

31/12/2006

Eligibility

Key inclusion criteria

1. Mobile swanneck deformity on digits two and/or three due to rheumatoid disease
2. Adults
3. Stable disease activity

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Total final enrolment

50

Key exclusion criteria

1. Not a good understanding of the Dutch language
2. Already using swan neck orthoses
3. Conditions that prohibit the use of orthoses
4. Other diseases with effect on hand function

Date of first enrolment

01/03/2005

Date of final enrolment

31/12/2006

Locations

Countries of recruitment

Netherlands

Study participating centre

Leiden University Medical Center (LUMC)

Leiden

Netherlands

2300 RC

Sponsor information

Organisation

Leiden University Medical Center (LUMC) (The Netherlands)

ROR

<https://ror.org/05xvt9f17>

Funder(s)

Funder type

Research organisation

Funder Name

Dutch Arthritis Association (Reumafonds) (The Netherlands)

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?
Results article	qualitative results	01/12/2010	14/01/2021	Yes	No
Results article	results	15/08/2009	14/01/2021	Yes	No