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

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

# Plain English summary of protocol

Not provided at time of registration

# Contact information

## Type(s)

Scientific

#### Contact name

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#### Contact details

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# Additional identifiers

# Protocol serial number

NL520, NTR564

# Study information

Scientific Title

The effectiveness of finger ortheses 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).

## Study design

Randomised, controlled, multicentre trial

#### Primary study design

Interventional

#### 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

# **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 ortheses
- 3. Conditions that prohibit the use of ortheses
- 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