

A prospective review of three extensor tendon rehabilitation regimes for zones V-VI

Submission date 12/09/2003	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 12/09/2003	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 20/10/2010	Condition category Musculoskeletal Diseases	<input type="checkbox"/> 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
N0143118853

Study information

Scientific Title

Study objectives

To review the results obtained from three rehabilitation regimes following extensor tendon injury and repair in zones V-VI.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Other

Participant information sheet

Health condition(s) or problem(s) studied

Musculoskeletal Diseases: Tendon injury

Interventions

Randomised controlled investigation to standardise rehabilitation after four weeks repair using three different regimes for the four weeks treatment.

1. Volar splint immobilising the wrist in extension and the metacarpophalangeal (MCP), proximal interphalangeal (PIP) and distal interphalangeal (DIP) joints immobilised in a neutral (extended) position (Newport et al 1990)
2. Wrist and MCP joints immobilised in a volar splint allowing controlled mobilisation of the PIP and DIP joints (Dargan 1969, Slater et al 1997)
3. A static volar splint with wrist extended, MCP joints flexed and PIP and DIP joints flexed. The patient carries out controlled extension exercises from the splint (Sylaidas et al 1997).

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Baseline data for the hand therapy team to try and standardise the rehabilitation for this group.

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/11/2002

Completion date

31/07/2004

Eligibility

Key inclusion criteria

From a group of 60 patients attending the hand therapy unit after undergoing extensor tendon repair in zones V-VI.

Participant type(s)

Patient

Age group

Not Specified

Sex

Not Specified

Target number of participants

60

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/11/2002

Date of final enrolment

31/07/2004

Locations

Countries of recruitment

England

United Kingdom

Study participating centre
Physiotherapy
Northwood, Middlesex
United Kingdom
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Sponsor information

Organisation
Department of Health (UK)

Sponsor details
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

Sponsor type
Government

Website
<http://www.doh.gov.uk>

Funder(s)

Funder type
Government

Funder Name
West Hertfordshire Hospitals NHS Trust (UK)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

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	results	01/05/2005		Yes	No