

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

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 12/09/2003	Overall study status Completed	☐ Protocol
Last Edited 20/10/2010	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
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

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Other

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(s)

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

Key secondary outcome(s)

Not provided at time of registration

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

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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**

United Kingdom

England

Study participating centre**Physiotherapy**

Northwood, Middlesex

United Kingdom

HA6 2RN

Sponsor information**Organisation**

Department of Health (UK)

Funder(s)

Funder type

Government

Funder Name

West Hertfordshire Hospitals NHS Trust (UK)

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	results	01/05/2005		Yes	No