

A clinical trial of Hamilton-Russell traction on a) incidence of pressure sores, and b) pre-operative pain, in patients with fractured neck of femur.

Submission date 23/01/2004	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 23/01/2004	Overall study status Completed	☐ Protocol
Last Edited 11/01/2010	Condition category Injury, Occupational Diseases, Poisoning	☐ 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

ACLINIC

Study information

Scientific Title

Study objectives

We propose to evaluate the effect of Hamilton-Russell traction on (a) the peri-operative incidence of pressure sores and (b) pre-operative pain, in patients with fractured neck of femur. There is little evidence to suggest that traction confers any advantage in the pre-operative period, upon patients who receive it. Furthermore, its use may increase the risk of pressure sore development. If the data from the study supports the hypothesis that Hamilton-Russell traction has no beneficial effect, we can strongly argue for its discontinuation. Money currently spent on traction kits will be saved. Furthermore, patient suffering will be reduced through a reduction in the development of pressure sores.

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)

Treatment

Health condition(s) or problem(s) studied

Musculoskeletal injury

Interventions

Application of Hamilton-Russell traction

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Pain (measured by Bourbonnais pain ruler, a visual analogue scale)
2. Pressure sore (Torrance 5 point scale)

Key secondary outcome(s)

Not provided at time of registration

Completion date

30/09/1995

Eligibility

Key inclusion criteria

1. Fractured neck of femur deemed suitable for surgical fixation
2. Patient Consent

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Senior

Sex

All

Key exclusion criteria

1. Multiple fractures or injuries
2. Pressure sores
3. Absence, paralysis or fracture of lower limb

Date of first enrolment

10/01/1993

Date of final enrolment

30/09/1995

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

University of Hull

Hull

United Kingdom

HU6 7RX

Sponsor information

Organisation

Funder(s)

Funder type

Government

Funder Name

NHS Executive Northern and Yorkshire (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		01/12/1997		Yes	No