

A prospective randomised controlled trial (RCT) to assess the effect of implementing a trauma nurse co-ordinator (TNC)

Submission date 23/01/2004	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 23/01/2004	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 31/10/2019	Condition category Injury, Occupational Diseases, Poisoning	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

Study information

Scientific Title

A prospective randomised controlled trial (RCT) to assess the effect of implementing a trauma nurse co-ordinator (TNC)

Study objectives

What are the economic, human and social effects of implementing a trauma nurse co-ordinator?

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)

Hospital

Study type(s)

Other

Participant information sheet

Health condition(s) or problem(s) studied

Musculoskeletal injury

Interventions

Eligible patients randomised to 1. TNC care or 2. No TNC care

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

1. Length of stay - measured in days from admission to discharge.
2. Mortality/Survival - this will be assessed on discharge using the TRISS methodology. The latter is the probability of survival derived by an internationally recognised measure and will be based

on the Major Trauma Outcome Study (MTOS) database.

3. Cost - this will quantify the current costs and those incurred in introducing a TNC into a hospital and his/her direct involvement in patient care.

4. Quality of Life - this will be measured using the validated SF36 questionnaire. This form measures health in eight multi-item dimensions, covering functional states, well being and overall evaluation of health. This form has been used, under license, by the Orthopaedic Department in the hospital since 1992.

5. Satisfaction - this will be measured in both patients and carers using a specially designed questionnaire and will be measured at specific time intervals after discharge.

Secondary outcome measures

Not provided at time of registration

Overall study start date

14/10/1996

Completion date

14/10/1998

Eligibility

Key inclusion criteria

During a one month mapping exercise, 42% of surviving patients had a hospital stay 3 days or less. Therefore 1080 patients will be required to detect a difference of 10% between the study groups in the proportion of the patients discharged within 3 days of admission for a study power of 90% at the 5% two sided significance level. This is assuming a 5% death rate and a recruitment rate of 90%.

Participant type(s)

Patient

Age group

Other

Sex

Both

Target number of participants

1080

Key exclusion criteria

1. Refusal to participate
2. Missed patients (information not collected by research assistant)
3. Fractured neck of femur
4. Died in A&E
5. Transfer out of hospital from A&E

Date of first enrolment

14/10/1996

Date of final enrolment

14/10/1998

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

Salford Royal Hospitals NHS Trust

Salford

United Kingdom

M6 8HD

Sponsor information

Organisation

NHS R&D Regional Programme Register - Department of Health (UK)

Sponsor details

The Department of Health

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

+44 (0)20 7307 2622

dhmail@doh.gsi.org.uk

Sponsor type

Government

Website

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

Funder(s)

Funder type

Government

Funder Name

NHS Executive North West (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