

# Prospective randomised trial comparing traditional suture technique with the sliding loop suture technique in the closure of surgical wounds in the foot and ankle area

<b>Submission date</b> 28/09/2007	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 28/09/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 15/02/2012	<b>Condition category</b> Surgery	<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

N0207182916

# Study information

## Scientific Title

## Study objectives

To study if closure of a surgical wound in the foot or ankle, using a new technique is faster and more comfortable.

## 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)

Treatment

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

## Health condition(s) or problem(s) studied

Surgery: Foot and ankle

## Interventions

Half of the wounds length will be sutured using the traditional closing technique (control part) and the other half using the traction loop technique. The sutures will be removed in the outpatients department by an experienced nurse clinician. Prior to suture removal a junior nurse will open an envelope to indicate the part of the wound from where the suture removal will start. A junior doctor who will have no participation in the suture removal process will prepare the envelopes. A curtain will be placed, to ensure the patient has no visual contact with the wound during suture removal.

A junior staff nurse or nursing student will be timing suture removal for each part of the wound. Pain during suture removal will be recorded using a 10 point visual analogue scale. Immediately after each part of the wound has been dealt with, patients will be recording their pain, using a specially designed form, without any visual contact between patients and the nurse clinician.

**Intervention Type**

Procedure/Surgery

**Phase**

Not Specified

**Primary outcome measure**

Time and patient discomfort to remove sutures from the surgical wound.

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/03/2006

**Completion date**

01/03/2008

**Eligibility****Key inclusion criteria**

Sixty eligible adult patients undergoing foot or ankle elective surgery.

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Not Specified

**Target number of participants**

60

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

01/03/2006

**Date of final enrolment**

01/03/2008

# Locations

## Countries of recruitment

England

United Kingdom

## Study participating centre

### Orthopaedic Directorate

Liverpool

United Kingdom

L7 8XP

# Sponsor information

## Organisation

Record Provided by the NHSTCT Register - 2007 Update - Department of Health

## Sponsor details

The Department of Health, Richmond House, 79 Whitehall

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## Sponsor type

Government

## Website

<http://www.dh.gov.uk/Home/fs/en>

# Funder(s)

## Funder type

Government

## Funder Name

Royal Liverpool and Broadgreen University Hospitals Trust (UK)

**Funder Name**

NHS R&D Support Funding

## 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?
<a href="#">Results article</a>	results	01/01/2003		Yes	No