

# A double-blind randomised controlled trial of the efficacy of low level laser therapy on wound healing following nail surgery

<b>Submission date</b> 23/01/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 23/01/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 16/06/2014	<b>Condition category</b> Skin and Connective Tissue Diseases	<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**  
Mrs Alysia Kirby

**Contact details**  
Diabetic Centre  
Whipps Cross Hospital  
Whipps Cross Road  
London  
United Kingdom  
E11 1NR  
+44 (0)20 8970 8241

## Additional identifiers

**Protocol serial number**  
RDC01733

## Study information

**Scientific Title**

**Study objectives**

1. To compare the efficacy of low level laser therapy with conventional wound dressing on wound healing following nail surgery
2. To show whether low level laser therapy reduces pain levels compared to conventional wound dressing
3. To evaluate the cost effectiveness of low level laser therapy in terms of drug and dressing uptake and return appointments

**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

**Study type(s)**

Not Specified

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

Skin and connective tissue diseases

**Interventions**

1. Low level laser therapy
2. Conventional wound dressing

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

1. Assessments of wound size
2. Level of inflammation
3. Level of exudate

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/04/2003

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

Patients referred to the chiropody clinic, who are going to have one or more toenails removed and who have given informed consent will be randomised into one of two treatment groups

**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**

01/10/2001

**Date of final enrolment**

01/04/2003

**Locations****Countries of recruitment**

United Kingdom

England

**Study participating centre****Diabetic Centre**

London

United Kingdom

E11 1NR

**Sponsor information****Organisation**

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

**Funder(s)**

**Funder type**  
Government

**Funder Name**  
NHS Executive London (UK)

## **Results and Publications**

**Individual participant data (IPD) sharing plan**

**IPD sharing plan summary**  
Not provided at time of registration