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

Submission date
23/01/2004

Registration date
23/01/2004

Last Edited
16/06/2014

Recruitment status
No longer recruiting

Overall study status
Completed

Condition category
Skin and Connective Tissue Diseases

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[_] Results
[_] Individual participant data
[_] Record updated in last year

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
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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes