

# Controlled trial of microdiscectomy for lumbar disc herniation

|                                        |                                                       |                                                      |
|----------------------------------------|-------------------------------------------------------|------------------------------------------------------|
| <b>Submission date</b><br>25/04/2003   | <b>Recruitment status</b><br>No longer recruiting     | <input type="checkbox"/> Prospectively registered    |
|                                        |                                                       | <input type="checkbox"/> Protocol                    |
| <b>Registration date</b><br>25/04/2003 | <b>Overall study status</b><br>Completed              | <input type="checkbox"/> Statistical analysis plan   |
|                                        |                                                       | <input type="checkbox"/> Results                     |
| <b>Last Edited</b><br>24/05/2016       | <b>Condition category</b><br>Musculoskeletal Diseases | <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

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## Additional identifiers

**Protocol serial number**  
HTA 93/09/17

## Study information

**Scientific Title**  
Controlled trial of microdiscectomy for lumbar disc herniation

**Study objectives**

The UK has one of the lowest rates for lumbar disc surgery in the western world. A robust randomised controlled trial, incorporating a health economic analysis, is needed, considering the lack of evidence about clinical outcome and cost effectiveness, particularly in the medium and long term. Microdiscectomy, the standard surgical procedure, will be compared to conservative management. The study will be based in two neurosurgical departments, both leading centres for disc surgery.

Follow-up will be at 3, 6, 12, 18 and 24 months, incorporating outcome measures of proven reliability and validity. The objectives of this project are to:

1. establish the efficacy and cost-effectiveness of surgical management for this patient group
2. to evaluate costs to health care purchasers of surgical and conservative management. A supplementary study will undertake follow-up at 3, 4, and 5 years, although funding is not being applied for at this stage.

**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)**

Not Specified

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

Musculoskeletal diseases: Spinal conditions

**Interventions**

Please note that, as of 14 January 2008, the anticipated end date of this trial has been updated from 31 March 2001 to 30 June 2002.

Interventions:

Microdiscectomy, the standard surgical procedure, will be compared to conservative management.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Not provided at time of registration.

**Key secondary outcome(s)**

Not provided at time of registration.

**Completion date**

30/06/2002

## Eligibility

**Key inclusion criteria**

Not provided at time of registration.

**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**

01/07/1996

**Date of final enrolment**

30/06/2002

## Locations

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

Department of Neurosurgery

Bristol

United Kingdom

BS16 1LE

## Sponsor information

**Organisation**

Department of Health (UK)

**ROR**

<https://ror.org/03sbpja79>

**Funder(s)****Funder type**

Government

**Funder Name**

NIHR Health Technology Assessment Programme - HTA (UK)

**Results and Publications****Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration