

# The use of cervical collars following anterior cervical discectomy for radiculopathy or myelopathy

<b>Submission date</b> 06/01/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 06/01/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 31/07/2012	<b>Condition category</b> Surgery	<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**  
M0617

## Study information

**Scientific Title**

**Study objectives**

Aim of the study was to determine the effect, if any, of wearing a hard collar following Anterior Cervical Discectomy (+/- Grafting) on pain, range of movement and function. No statistically or clinically significant differences were found between collar and no collar wearing groups on any outcomes, although patient compliance was a problem due to the inconvenience of wearing a collar. The need for providing patients with information and reassurance to mitigate the need for collars is highlighted.

**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)**

Other

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

Cervical spondylosis

**Interventions**

Randomised pre-operatively to either collar-wearing or no collar-wearing group (collars to be worn continuously for 6 weeks following surgery)

**Intervention Type**

Procedure/Surgery

**Phase**

Not Applicable

**Primary outcome(s)**

Neck pain and Disability Scale (NPAD)

**Key secondary outcome(s)**

Range of Active Cervical Flexion/Extension Movement (degrees) and Function (SF-36)

**Completion date**

31/10/2003

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

Patients undergoing single-level anterior cervical discectomy, with or without inter-body grafting, for either radiculopathy or myelopathy, or a combination of both, caused by predominately single-level degenerative disease. This had been confirmed by magnetic resonance imaging (MRI)

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Female

**Key exclusion criteria**

1. Under 16 years of age
  2. Acute whiplash or other acute traumatic injury
  3. Malignant disease or tumour
  4. Concomitant disease (e.g. rheumatoid arthritis) which could influence their recovery
  5. Posterior or instrumented surgery
- unable to consent to the trial for any reason

**Date of first enrolment**

01/06/2001

**Date of final enrolment**

31/10/2003

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

United Kingdom

England

**Study participating centre**

**Department of Physiotherapy**

Southampton

United Kingdom

S016 6DY

**Sponsor information**

**Organisation**

Arthritis Research Campaign (ARC) (UK)

**ROR**

<https://ror.org/02jkpm469>

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

Charity

**Funder Name**

Arthritis Research Campaign (ARC) (UK)

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

Not provided at time of registration