

# Scottish Trial of Arthroplasty or Reduction for Subcapital fractures (STARS)

**Submission date**

25/04/2003

**Recruitment status**

No longer recruiting

☐ Prospectively registered

☐ Protocol

**Registration date**

25/04/2003

**Overall study status**

Completed

☐ Statistical analysis plan

☒ Results

**Last Edited**

10/07/2019

**Condition category**

Injury, Occupational Diseases, Poisoning

☐ Individual participant data

**Plain English summary of protocol**

Not provided at time of registration

## Contact information

**Type(s)**

Scientific

**Contact name**

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## Additional identifiers

**Protocol serial number**

HTA 94/24/03

## Study information

Scientific Title

# Scottish Trial of Arthroplasty or Reduction for Subcapital fractures (STARS)

## Acronym

STARS

## Study objectives

In a prospective randomised multicentre trial we will evaluate the management of displaced subcapital fractures in fit elderly patients with bipolar hemiarthroplasty, total hip arthroplasty or reduction and fixation. The trial will be conducted under the auspices of the Scottish Orthopaedic Trial Network, which involves the four university orthopaedic centres and associated district general hospitals. Patients will be randomised to one of three treatment groups and will be followed up for a minimum of two years.

Please note that, as of 11/05/2009, the anticipated end date has been updated from 31/08/2000 to 31/08/2002.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Not provided at time of registration.

## Study design

Prospective randomised multicentre trial

## Primary study design

Interventional

## Study type(s)

Not Specified

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

Injury, occupational diseases, poisoning: Musculoskeletal injury

## Interventions

There are three treatment options:

1. One method of mending the break is with a type of screw, sometimes with a plate on its side; the two parts of the bone are joined together, and no bone is replaced.
2. A second method using a hip replacement. The ball at the end of the femur bone is replaced by an artificial 'ball' which is fixed into the top of the rest of the femur bone; the socket is not replaced.
3. The third method is also a type of hip replacement. Like the second method, the ball of the femur is replaced, but the socket in the hip bone is also replaced.

## Intervention Type

Other

## Phase

Not Specified

## Primary outcome(s)

Clinical outcome will include perioperative mortality and reoperation. Functional outcomes will be assessed using a hip rating questionnaire and the EuroQoL functional outcome questionnaire. A cost-effectiveness and cost utility analysis will be integrated into the study protocol.

**Key secondary outcome(s)**

Not provided at time of registration.

**Completion date**

31/08/2002

## Eligibility

**Key inclusion criteria**

Elderly patients with bipolar hemiarthroplasty, total hip arthroplasty or reduction and fixation.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Senior

**Sex**

Not Specified

**Total final enrolment**

298

**Key exclusion criteria**

Not provided at time of registration.

**Date of first enrolment**

01/06/1996

**Date of final enrolment**

31/08/2002

## Locations

**Countries of recruitment**

United Kingdom

Scotland

**Study participating centre**

**Department of Orthopaedics**  
Edinburgh  
United Kingdom  
EH16 4SU

## 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

### Study outputs

| Output type                     | Details       | Date created | Date added | Peer reviewed? | Patient-facing? |
|---------------------------------|---------------|--------------|------------|----------------|-----------------|
| <a href="#">Results article</a> | results       | 01/10/2005   |            | Yes            | No              |
| <a href="#">Study website</a>   | Study website | 11/11/2025   | 11/11/2025 | No             | Yes             |