

# Arthroscopic electrothermal capsulorrhaphy, ETAC, versus open capsular shift, ICS, for patients with shoulder instability: A multicentre randomized clinical trial

**Submission date**  
09/09/2005

**Recruitment status**  
No longer recruiting

☐ Prospectively registered

☐ Protocol

**Registration date**  
09/09/2005

**Overall study status**  
Completed

☐ Statistical analysis plan

☒ Results

**Last Edited**  
31/01/2019

**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

### ClinicalTrials.gov (NCT)

NCT00251160

### Protocol serial number

MCT-64671

# Study information

## Scientific Title

Electrothermal arthroscopic capsulorrhaphy: old technology, new evidence. A multicenter randomized clinical trial.

## Study objectives

This is a superiority trial with a hypothesis that there is an improvement in quality of life in patients undergoing ETAC compared with the open ICS.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Faculty of Medicine, University of Calgary - 15th July 1999.

## Study design

Randomised controlled trial

## Primary study design

Interventional

## Study type(s)

Quality of life

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

Shoulder instability

## Interventions

1. Open ICS (open capsular shift)
2. ETAC (Arthroscopic electrothermal capsulorrhaphy)

## Intervention Type

Other

## Phase

Not Specified

## Primary outcome(s)

Shoulder stability measured by the Western Ontario Shoulder Instability Index (WOSI)

## Key secondary outcome(s)

1. Range of motion
2. Physical signs
3. Strength Instability

## Completion date

30/09/2007

# Eligibility

## Key inclusion criteria

1. Age 14 years or greater, either sex
2. Diagnosis of Multidirectional Instability (MDI)
3. Informed written consent

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Adult

## Sex

All

## Key exclusion criteria

1. Neurologic disorder (e.g. axillary nerve injury; Syringomyelia)
2. Cases involving third party compensation
3. Patients with primary posterior instability

## Date of first enrolment

01/09/1999

## Date of final enrolment

30/09/2007

# Locations

## Countries of recruitment

Canada

## Study participating centre

University of Calgary

Calgary

Canada

T2N 1N4

# Sponsor information

## Organisation

University of Calgary (Canada)

**ROR**

<https://ror.org/03yjb2x39>

## Funder(s)

### Funder type

Research organisation

### Funder Name

Canadian Institutes of Health Research (CIHR) (Canada) - <http://www.cihr-irsc.gc.ca> (ref: MCT-64671)

## 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	01/08/2014	31/01/2019	Yes	No