

# Fast track rehabilitation after reversed total shoulder arthroplasty

No registrations found.

<b>Ethical review</b>	Not applicable
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON25527

### Source

Nationaal Trial Register

### Brief title

Fast track rTSA

### Health condition

shoulder complaints based on omarthrosis, rotator cuff arthropathy, avascular necrosis and (late) post traumatic

## Sponsors and support

**Primary sponsor:** Board of directors Dijklander Ziekenhuis

**Source(s) of monetary or material Support:** None

## Intervention

## Outcome measures

### Primary outcome

The primary study parameter is the difference in Oxford Shoulder Score (OSS) from preoperative to 6 weeks postoperative.

### Secondary outcome

Secondary study parameters are:

1. Difference in (ROM), VAS pain scores in rest and during activity and the quality of life (EQ-5D) from preoperative to 6 weeks postoperative.
2. Difference in OSS, (ROM), VAS pain scores in rest and during activity and the quality of life (EQ-5D) from preoperative to 3 months postoperative
3. Difference in OSS, (ROM), VAS pain scores in rest and during activity and the quality of life (EQ-5D) from preoperative to 1 year postoperative
4. Complications and re-admissions until 1 year postoperative.
5. Society costs including healthcare costs, patient and family costs and lost productivity costs.

## Study description

### Background summary

In the Dijklander hospital and St Anna hospital, the technique without reattachment of the subscapularis tendon during surgery for a reversed shoulder prosthesis (rTSA) has been used for the last few years with excellent results. The rTSA being used has been designed to increase stability. Without the need to reattach the subscapularis tendon and the stability provided by the rTSA patients mobilization can start directly postoperative, providing improved range of motion (ROM) and an increased independent daily life. When patients start mobilization immediately post-operative and immobilization will not be necessary, we expect them to be less dependent on care of a district nurse or family members. Also a faster recovery is expected with an increased shoulder function and self-reported functional outcome on short term.

### Study objective

When patients start mobilization immediately post-operative and immobilization will not be necessary, we expect them to be less dependent on care of a district nurse or family members. Also a faster recovery is expected with an increased shoulder function and self-reported functional outcome on short term.

### Study design

Preoperative, and 6 weeks, 3 months and 1 year postoperative

### Intervention

not applicable

## Contacts

### Public

Dijklander Hospital  
Lieke de Vries

0229855562

### Scientific

Dijklander Hospital  
Lieke de Vries

0229855562

## Eligibility criteria

### Inclusion criteria

- 50 years and older
- Selected for rTSA surgery
- Complete understanding of the study and signed informed consent

### Exclusion criteria

- Selected for rTSA with the indication of fracture treatment after an acute trauma
- Individuals who are unable to follow an intense mobilization program.
- Individuals who are unable to complete the PROMs questionnaires.

## Study design

### Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

## Recruitment

NL  
Recruitment status: Recruiting  
Start date (anticipated): 01-04-2019  
Enrollment: 50  
Type: Anticipated

## IPD sharing statement

**Plan to share IPD:** Undecided

## Ethics review

Not applicable  
Application type: Not applicable

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
NTR-new	NL7656
Other	METC VUmc : METC VUmc 2019.111

## Study results