ISRCTN16994576 https://doi.org/10.1186/ISRCTN16994576

# Corticosteroid injections in patients with trochanteric pain syndrome: open label randomized clinical trial in general practice

**Submission date**
28/04/2006

**Recruitment status**
No longer recruiting

**Registration date**
28/04/2006

**Overall study status**
Completed

**Last Edited**
12/09/2011

**Condition category**
Musculoskeletal Diseases

[X] Prospectively registered

[X] Protocol

[_] Statistical analysis plan

[X] Results

[_] Individual participant data

**Plain English summary of protocol**
Not provided at time of registration

## Contact information

**Type(s)**
Scientific

**Contact name**
Dr S. Bierma-Zeinstra

**Contact details**
Erasmus Medical Center
Department of General Practice
P.O. Box 1738
Rotterdam
Netherlands
3000 DR
s.bierma-zeinstra@erasmusmc.nl

## Additional identifiers

**Protocol serial number**
NTR640

## Study information

**Scientific Title**

## Acronym
TIS (Trochanter Injection Study)

## Study objectives
Local corticosteroid injections combined with usual care will have a positive effect on experienced recovery and will reduce pain at 3 and 12 months follow up compared to usual care alone.

## Ethics approval required
Old ethics approval format

## Ethics approval(s)
Ethics approval received from the local medical ethics committee

## Primary study design
Interventional

## Study design
Randomised controlled trial

## Study type(s)
Treatment

## Health condition(s) or problem(s) studied
Trochanteric pain (trochanteric bursitis, pseudotrochanteric bursitis)

## Interventions
1. Intervention group: Usual care combined with corticosteroid injections (triamcinolone acetate 40 mg, lidocaine 1%)

2. Control group: Usual care

## Intervention Type
Drug

## Phase
Not Specified

## Drug/device/biological/vaccine name(s)
Triamcinolone acetate, lidocaine

## Primary outcome(s)
Experienced recovery (7 points Likert scale) and severity of pain (0-10 visual analogue scale [VAS]) at 3 months follow up.

## Key secondary outcome(s)
1. Disease specific outcomes of pain and function (WOMAC/HOOS), at 3 and 12 months follow up
2. Primary outcomes at 6 weeks and at 6, 9 and 12 months follow-up
3. Cost-effectiveness over 12 months of follow-up. Costs will be estimated by medical consumption, and productivity loss (PRODISC).

### Completion date
01/05/2007

## Eligibility

### Key inclusion criteria
Patients aged 18-80 consulting the general practitioner with trochanteric hip pain existing longer then one week, with the following signs:
1. Severe local pain by pressure at the trochanter major, but unsure whether the patient recognizes this as the pain he/she consulted for
2. Local pain by pressure at the trochanter major, which the patient recognizes as the pain he /she consulted for

### Participant type(s)
Patient

### Healthy volunteers allowed
No

### Age group
Adult

### Lower age limit
18 Years

### Upper age limit
80 Years

### Sex
All

### Key exclusion criteria
1. Patients who dont understand the questionnaires because of inadequate mastering of Dutch language or cognitive disorders
2. Patients who presented themselves in the previous year to the GP with the same complaints
3. Patients with sensibility disorders due to meralgia paresthetica, patients who previously have undergone hip surgery at the same side and patients with systematic rheumatologic or neurologic disorders

### Date of first enrolment
01/05/2006

### Date of final enrolment
01/05/2007

## Locations

### Countries of recruitment
Netherlands

**Study participating centre**
**Erasmus Medical Center**
Rotterdam
Netherlands
3000 DR

# Sponsor information

**Organisation**
Erasmus Medical Center, Department of General Practice (The Netherlands)

**ROR**
https://ror.org/018906e22

# Funder(s)

**Funder type**
Research organisation

**Funder Name**
Netherlands Organisation for Health Research and Development (ZonMw)

**Alternative Name(s)**
Netherlands Organisation for Health Research and Development

**Funding Body Type**
Private sector organisation

**Funding Body Subtype**
Other non-profit organizations

**Location**
Netherlands

# 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? |
|---|---|---|---|---|---|
| Results article | results | 01/05/2011 | | Yes | No |
| Protocol article | protocol | 19/09/2007 | | Yes | No |