ISRCTN90366351 https://doi.org/10.1186/ISRCTN90366351

The direct effects of non-steroidal anti-inflammatory drugs (NSAIDS) on osteoarthritic knee cartilage

Submission date	Recruitment status	[ ] Prospectively registered
20/12/2005	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
20/12/2005	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
15/05/2009	Musculoskeletal Diseases	[ ] 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
NTR159

Study information

Scientific Title

Selective COX-2 inhibition is beneficial for matrix turnover: a clinical study

Study objectives
Selective COX-2 inhibition is beneficial for matrix turnover.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Received from the local medical ethics committee

Primary study design
Interventional

Study design
Randomised active controlled parallel group trial

Study type(s)
Treatment

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

Interventions
Celecoxib: 4 weeks, 2 times per day, 200 mg
Naproxen: 4 weeks, 3 times per day, 250 mg
Indomethacin: 4 weeks, 2 times per day, 50 mg

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Celecoxib, naproxen, indomethacin

Primary outcome(s)
Difference in proteoglycan release of osteoarthritic cartilage after treatment

Key secondary outcome(s)
Prosteoglandin E2 levels produced by cartilage

Completion date
01/12/2005

Eligibility

Key inclusion criteria

Patients with knee osteoarthritis according to the American College of Rheumatology (ACR) criteria, considered for total knee replacement surgery.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Not Specified

Sex
Not Specified

Key exclusion criteria
1. Total knee replacement for other reason than osteoarthritis
2. History of gastro-intestinal bleedings or perforation
3. Increased risk for cardiovascular diseases (cardiovascular diseases in history, patients with untreated hypertension, patients with angina pectoris, and patients on oral anticoagulants)

Date of first enrolment
01/11/2004

Date of final enrolment
01/12/2005

Locations

Countries of recruitment
Netherlands

Study participating centre
UMC Utrecht
Utrecht
Netherlands
3508 GA

Sponsor information

Organisation
University Medical Centre Utrecht (UMCU) (Netherlands)

ROR

https://ror.org/04pp8hn57

Funder(s)

Funder type
Not defined

Funder Name
Not provided at time of registration

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration