

Development, optimisation and validation of the exercise diagnostics for functional iliac flow limitations in endurance athletes: blood pressure measurement, pedal force measurement and near infrared spectroscopy

Submission date 14/02/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 14/02/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 03/07/2009	Condition category Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr G. Schep

Contact details
Maxima Medisch Centrum
Dept. Sportgeneeskunde
Postbus 7777
Veldhoven
Netherlands
5500 MB

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

NTR526

Study information

Scientific Title

Study objectives

The use of a new protocol of exercise testing with use of blood pressure measurement, near infrared spectroscopy and pedal force measurement will improve the diagnostic value of the current decision algorithm used to diagnose functional iliac flow limitations in endurance athletes.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Received from the local medical ethics committee

Study design

Randomised active controlled parallel group trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Diagnostic

Participant information sheet

Health condition(s) or problem(s) studied

Functional iliac flow limitations

Interventions

Blood pressure measurements, pedal force measurements and near infrared measurements during and after exercise testing in both patients and in healthy test subjects

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Improvement of sensitivity and specificity of diagnostic tools in diagnosing sports related flow limitations of the iliac arteries

Secondary outcome measures

No secondary outcome measures

Overall study start date

01/09/2005

Completion date

31/12/2007

Eligibility**Key inclusion criteria**

Athletes/patients diagnosed with functional iliac flow limitations and healthy athletes

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

210

Key exclusion criteria

Does not comply with the above inclusion criteria

Date of first enrolment

01/09/2005

Date of final enrolment

31/12/2007

Locations**Countries of recruitment**

Netherlands

Study participating centre

Maxima Medisch Centrum
Veldhoven
Netherlands
5500 MB

Sponsor information

Organisation

Maxima Medical Center (Netherlands)

Sponsor details

P.O. Box 7777
Veldhoven
Netherlands
5500 MB
+31 (0)40 8888000
info@mmc.nl

Sponsor type

Not defined

ROR

<https://ror.org/02x6rcb77>

Funder(s)

Funder type

Not defined

Funder Name

Not provided at time of registration

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration