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Development, optimalisation 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	[ ] Prospectively registered [ ] Protocol
Registration date 14/02/2006	**Overall study status** Completed	[ ] Statistical analysis plan [ ] Results
Last Edited 03/07/2009	**Condition category** Other	[ ] Individual participant data [ ] 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

Protocol serial number
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

Study type(s)
Diagnostic

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

Key secondary outcome(s))
No secondary outcome measures

Completion date
31/12/2007

Eligibility

Key inclusion criteria

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

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

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)

ROR
https://ror.org/02x6rcb77

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