

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

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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

Primary study design

Interventional

Study design

Randomised active controlled parallel group trial

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