

Variation in uroflowmetry and micturition symptoms in young adult females

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The objective of the study is to analyse flow pattern, especially individual variation, and the extend of voiding symtoms in young females and

Ethical review	Not approved
Status	Will not start
Health condition type	Bladder and bladder neck disorders (excl calculi)
Study type	Observational non invasive

Summary

ID

NL-OMON40885

Source

ToetsingOnline

Brief title

FLUTS and flow II

Condition

- Bladder and bladder neck disorders (excl calculi)

Synonym

micturition symptoms

Research involving

Human

Sponsors and support

Primary sponsor: Universitair Medisch Centrum Utrecht

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: female, LUTS, uroflowmetry

Outcome measures

Primary outcome

Uroflowmetry (voided volume, maximum flow rate, average flow rate, voiding time, time to maximum flow, flow pattern) and post void residual.

Secondary outcome

ICIQ-FLUTS, age and number of urinary tract infections in the past

Study description

Background summary

There is sparse literature on individual variation of uroflowmetry and on lower urinary tract symptoms (LUTS) in young otherwise healthy women. When reviewing the literature it was found that only one study investigated flow pattern of multiple flows (Fantl et al) . They concluded that the proportion of normal flows did not vary significantly in six consecutive voidings. In most studies, abnormal flows overall were investigated, but not individual variation of flow patterns.

Study objective

The objective of the study is to analyse flow pattern, especially individual variation, and the extend of voiding symptoms in young females and

Study design

This is a cross-sectional observational study

Study burden and risks

Volunteers are asked to perform three non-invasive bladder test and to fill out anonymous questionnaires. The burden is minimal.

Contacts

Public

Universitair Medisch Centrum Utrecht

heidelberglaan 100
Utrecht 3584CX
NL

Scientific

Universitair Medisch Centrum Utrecht

heidelberglaan 100
Utrecht 3584CX
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Female, 18-30 years of age

Exclusion criteria

History of urological disease, neurological disease, symptoms of urinary tract infection, pregnancy, parity ≥ 1 , intravaginal tampon during uroflowmetry, absent of a signed informed consent

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Other

Recruitment

NL

Recruitment status: Will not start

Enrollment: 50

Type: Anticipated

Ethics review

Not approved

Date: 21-10-2014

Application type: First submission

Review commission: METC NedMec

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register

CCMO

ID

NL47689.041.14