

# A study to compare bladder function of healthy Asian and Caucasian women

<b>Submission date</b> 10/08/2007	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 26/10/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 18/01/2012	<b>Condition category</b> Urological and Genital Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

**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**  
UHL 10288 v1.1

## Study information

**Scientific Title**

**Study objectives**

Fundamental physiological differences in bladder physiology exist between women of Caucasian and Asian origin.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Approved by Nottinghamshire Local Research Ethics Committee on the 16th April 2007 (ref: 07/Q2404/25)

**Study design**

Prospective observational cohort study.

**Primary study design**

Observational

**Study type(s)**

Other

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

Urinary incontinence

**Interventions**

Single urodynamic investigation with urethral pressure profile measurement.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Mean bladder capacity in the two ethnic groups.

**Key secondary outcome(s)**

The following will be compared between the two ethnic groups:

1. Differences in mean residual volume
2. Maximum urinary flow rate
3. Average flow rate
4. Bladder volumes at defined sensations (first sensation of filling)
5. Detrusor pressure rise during filling
6. Detrusor pressure generated during voiding
7. Maximum urethral closure pressure
8. Functional urethral length

**Completion date**

31/05/2008

# Eligibility

## Key inclusion criteria

1. Women of South Indian Asian or Caucasian ethnic origin (self-specified)
2. Willing to undergo urodynamic assessment

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Not Specified

## Sex

Female

## Key exclusion criteria

1. History of urinary tract infection within 3 months
2. History of recurrent urinary tract infection (3+ episodes in 12 months)
3. Previous pregnancy beyond 12 weeks gestation
4. Currently pregnant
5. Previous gynaecological or urological surgery (not including termination of first trimester pregnancy)
6. History of urinary tract abnormality
7. History of detrusor overactivity, childhood bedwetting
8. Current use (within 3 weeks) of anticholinergic medication, duloxetine or other drug with effects upon the urinary tract

## Date of first enrolment

01/06/2007

## Date of final enrolment

31/05/2008

# Locations

## Countries of recruitment

United Kingdom

England

## Study participating centre

Reproductive Science Section

Leicester

United Kingdom

LE2 7LX

# Sponsor information

## Organisation

University of Leicester (UK)

## ROR

<https://ror.org/04h699437>

# Funder(s)

## Funder type

Industry

## Funder Name

UCB Pharma Ltd (UK)

# Results and Publications

## Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/07/2005		Yes	No
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes