

Transurethral high power (80W) potassium-titanyl-phosphase (KTP) laser vapourisation of the prostate compared with holmium laser ablation of the prostate: a single-centre randomised controlled trial in patients with obst. benign prostatic hyperplasia

Submission date	Recruitment status	<input type="checkbox"/> Prospectively registered
29/09/2006	No longer recruiting	<input type="checkbox"/> Protocol
Registration date	Overall study status	<input type="checkbox"/> Statistical analysis plan
29/09/2006	Completed	<input type="checkbox"/> Results
Last Edited	Condition category	<input type="checkbox"/> Individual participant data
07/10/2014	Surgery	<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

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Contact details

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Additional identifiers

Protocol serial number

N0355178146

Study information

Scientific Title

Study objectives

To determine which of the currently used energy delivery systems in laser prostatectomy provides for the most durable clinical outcomes.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Surgery: Prostatectomy

Interventions

Patients will be invited to participate in the study from the out-patient clinic at the time a decision for surgical intervention has been made. They will have 2-3 weeks to consider whether or not they wish to participate and those electing to join the study will be asked to contact the Clinical Nurse Specialist for formal enrolment and randomization. All patients will be given appropriate information leaflets outlining the aims of the study. Patients electing to join the study will not undergo any further or additional investigations over and above that which is currently regarded as standard or routine practice within the department. The only variable they will submit themselves to is the formal randomization to a particular treatment arm.

Intervention Type

Procedure/Surgery

Phase

Not Applicable

Primary outcome(s)

Improvements in flow rates and a reduction in IPSS scores

Key secondary outcome(s))

Not provided at time of registration

Completion date

01/05/2007

Eligibility

Key inclusion criteria

All patients will undergo routine assessment to include uroflowmetry, prostate size assessment, PSA testing and an IPSS score. Those between the ages of 55-75 and have Qmax flow rates of <15 ml/sec and an IPSS score of > 12 (moderate-severe LUTS) and have PSA measurements within the normal range will be eligible for the study. Patients with prostate volumes of between 40-120 cc will be deemed suitable for laser ablation surgery.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

Male

Key exclusion criteria

Patients with prostate volumes of greater than 120 cc may require open surgery and those with prostate volumes of < 40 cc may simply require bladder neck incision and are therefore exclusion criteria. Patients presenting with chronic urinary retention will be excluded from the study.

These patients may have atonic bladders and voiding difficulties following the procedure may be more difficult to interpret for the purposes of the study.

Date of first enrolment

01/11/2005

Date of final enrolment

01/05/2007

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Mid Essex Hospital Services NHS Trust (BH)

Chelmsford

United Kingdom

CM1 7ET

Sponsor information

Organisation

Record Provided by the NHSTCT Register - 2006 Update - Department of Health (UK)

Funder(s)

Funder type

Government

Funder Name

Mid Essex Hospital Services NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration