

# Comparison of contrast enhanced ultrasonography (CEUS) to conventional sonography for transrectal ultrasound guided prostate biopsies

<b>Submission date</b> 29/09/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 29/09/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 26/02/2020	<b>Condition category</b> Cancer	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<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

### Contact name

Dr Z Bosanac

### Contact details

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## Additional identifiers

### Protocol serial number

N0132167130

## Study information

Scientific Title

Comparison of contrast enhanced ultrasonography (CEUS) to conventional sonography for transrectal ultrasound guided prostate biopsies

**Study objectives**

To determine whether contrast enhanced ultrasound is more accurate in diagnosing prostate cancer than the traditionally used black and white ultrasound.

**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)**

Diagnostic

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

Cancer: Prostate

**Interventions**

Randomised controlled trial

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

The clinician performing the prostate biopsies will define the 10 biopsied areas as normal or abnormal. This classification will then be compared to the final pathological examination of the biopsy and the sensitivity and specificity of each mode of sonography will be calculated.

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/08/2006

**Eligibility****Key inclusion criteria**

All men whose plasma PSA levels warrant prostate biopsies.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Male

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

01/08/2005

**Date of final enrolment**

01/08/2006

**Locations****Countries of recruitment**

United Kingdom

England

**Study participating centre****Imaging Department**

Gillingham

United Kingdom

ME7 5NY

**Sponsor information****Organisation**

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

**Funder(s)****Funder type**

Government

**Funder Name**

Medway NHS Trust (UK)

## **Results and Publications**

**Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration