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# A Pilot study to evaluate the Clinical Application of Ultrasound Elastography

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|---|---|---|
| **Submission date**<br>18/06/2010 | **Recruitment status**<br>No longer recruiting | [ ] Prospectively registered<br>[ ] Protocol |
| **Registration date**<br>18/06/2010 | **Overall study status**<br>Completed | [ ] Statistical analysis plan<br>[ ] Results |
| **Last Edited**<br>29/08/2013 | **Condition category**<br>Surgery | [ ] Individual participant data<br>[ ] 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**
5260

## Study information

**Scientific Title**

**Acronym**

Ultrasound Elastography

### Study objectives
Ultrasound elastography is a non-invasive ultrasound method which evaluates the deformability of a structure. The principle of elastography is the utilisation of tissue compression producing varying levels of strain within different tissue types. 'Strain images' obtained can then be analysed to assess the mechanical properties of tissues and infer their size and nature.

### Ethics approval required
Old ethics approval format

### Ethics approval(s)
MREC approved (ref: 07/H0306/90)

### Primary study design
Interventional

### Study design
Single centre non-randomised interventional diagnosis, prevention and screening trial

### Study type(s)
Prevention

### Health condition(s) or problem(s) studied
Topic: Generic Health Relevance and Cross Cutting Themes; Subtopic: Generic Health Relevance (all Subtopics); Disease: Other

### Interventions
Ultrasound elastography

### Intervention Type
Procedure/Surgery

### Phase
Not Applicable

### Primary outcome(s)
Assess the ability to obtain strain images from different tissues of the body, e.g. abdomen, pelvis, head and neck, breast, testes and soft tissues

### Key secondary outcome(s)
Evaluate accuracy of ultrasound elastography compared with standard ultrasound

### Completion date
01/12/2010

## Eligibility

### Key inclusion criteria
Not provided at time of registration

**Participant type(s)**
Patient

**Healthy volunteers allowed**
No

**Age group**
Not Specified

**Sex**

**Key exclusion criteria**
Not provided at time of registration

**Date of first enrolment**
01/08/2007

**Date of final enrolment**
01/12/2010

# Locations

**Countries of recruitment**
United Kingdom

England

**Study participating centre**
**Addenbrooke's Hospital**
Cambridge
United Kingdom
CB2 0QQ

# Sponsor information

**Organisation**
Cambridge University Hospitals NHS Foundation Trust (UK)

**ROR**
https://ror.org/04v54gj93

# Funder(s)

**Funder type**
Research council

**Funder Name**
Engineering and Physical Sciences Research Council (EPSRC) (UK)

**Alternative Name(s)**
UKRI Engineering and Physical Sciences Research Council, Engineering and Physical Sciences Research Council - UKRI, Engineering & Physical Sciences Research Council, Science Research Council, Science and Engineering Research Council, EPSRC, SRC, SERC

**Funding Body Type**
Government organisation

**Funding Body Subtype**
National government

**Location**
United Kingdom

**Funder Name**
The Wellcome Trust (UK)

# Results and Publications

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

**IPD sharing plan summary**