

A Pilot study to evaluate the Clinical Application of Ultrasound Elastography

Submission date 18/06/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 18/06/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 29/08/2013	Condition category Surgery	<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

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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)

Study design

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

Primary study design

Interventional

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