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A Pilot study to evaluate the Clinical Application of Ultrasound Elastography

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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Secondary study design
Non randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Prevention

Participant information sheet

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 measure
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

Secondary outcome measures
Evaluate accuracy of ultrasound elastography compared with standard ultrasound

Overall study start date
01/08/2007

Completion date
01/12/2010

Eligibility

Key inclusion criteria
Not provided at time of registration

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
Planned sample size: 600

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
England

United Kingdom

Study participating centre

Addenbrooke's Hospital
Cambridge
United Kingdom
CB2 0QQ

Sponsor information

Organisation
Cambridge University Hospitals NHS Foundation Trust (UK)

Sponsor details
Addenbrookes Hospital
Hills Road
Cambridge
England
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CB2 0QQ

Sponsor type
Hospital/treatment centre

Website
http://www.cuh.org.uk/addenbrookes/addenbrookes_index.html

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, EPSRC

Funding Body Type
Government organisation

Funding Body Subtype
National government

Location
United Kingdom

Funder Name
The Wellcome Trust (UK)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration