

Computed tomography (CT)-guided intervention with and without fluoroscopic control: what are the benefits for the patient and the doctor?

Submission date 30/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 30/09/2005	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 05/07/2016	Condition category Surgery	<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 Andy Lowe

Contact details
Department of Clinical Radiology
Bradford Royal Infirmary
Duckworth Lane
Bradford
United Kingdom
BD9 6RJ
+44 (0)1274 364492
andylowe@doctors.org.uk

Additional identifiers

Protocol serial number
N0050149623

Study information

Scientific Title

Computed tomography (CT)-guided intervention with and without fluoroscopic control: what are the benefits for the patient and the doctor?

Study objectives

Does the introduction of fluoroscopy in computed tomography (CT)-guided intervention decrease procedure time and dose exposure and does it make the procedure technically easier and improve outcome?

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

Computed tomography-guided interventions

Interventions

All patients attending for CT-guided interventions (biopsies and drainages) are invited to take part. Patients randomised to have procedure in conventional manner with CT guidance (controls) or with additional fluoroscopy. Time taken to have procedure, effective dose to patient, operator and assistant, patient comfort and acceptability, number of passes /complications and degree of technical success measured.

Intervention Type

Procedure/Surgery

Phase

Not Applicable

Primary outcome(s)

1. Dose product to patient
 2. Effective dose to patient
 3. Effective dose to doctor and nurse/assistant
 4. Hand dose to doctor
 5. Screening time
- All measured using electronic dose meters
6. Comfort and acceptability Questionnaire
 7. BIOPSY - Number of passes, complications and diagnostic specimens
 8. DRAINAGES - Number of passes, Complications and Technical success

Key secondary outcome(s)

No secondary outcome measures

Completion date

28/11/2004

Eligibility**Key inclusion criteria**

All adult in-patients and out-patients attending for CT guided biopsies and drainages

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Acute emergency cases
2. Inability to give informed consent
3. Unconscious patients

Date of first enrolment

28/05/2004

Date of final enrolment

28/11/2004

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Bradford Royal Infirmary

Bradford

United Kingdom

BD9 6RJ

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

Bradford Teaching Hospitals NHS Foundation Trust (UK)

Funder Name

Own account funding (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration