ISRCTN51730344 https://doi.org/10.1186/ISRCTN51730344

Suction versus non-suction technique in fine aspiration cytology of thyroid lumps: a single blind randomised trial

Submission date	Recruitment status	[X] Prospectively registered
23/01/2006	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
07/02/2006	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
06/02/2014	Nutritional, Metabolic, Endocrine	[ ] 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
N/A

Study information

Scientific Title

Acronym
FNAC in thyroid lumps

Study objectives
Does obtaining samples by non-suction technique give similar or better results than the suction method?

Ethics approval required
Old ethics approval format

Ethics approval(s)
Local Research Ethics Committee, 27/10/2005

Study design
A single blind randomised controlled study: study allocation numbers will be concealed in opaque enevelopes and slides will be blinded to the pathologist

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Diagnostic

Participant information sheet

Health condition(s) or problem(s) studied
Multiple or single thyroid nodules

Interventions
Diseased thyoid tissue will be aspirated for cytological study using a fine bore needle

Intervention Type
Other

Phase
Not Specified

Primary outcome measure
1. Good quality slides for laboratory examination

2. To find the test that gives the highest yield of accurate results

Secondary outcome measures
1. All slides will be scored based on the amount of bloodstaining, cellularity and preservation of the cells

2. Patient satisfaction would be surveyed using a questionnaire

Overall study start date
07/02/2006

Completion date
31/07/2007

Eligibility

Key inclusion criteria
All patients referred to the Thyroid Lump Clinic, City Hospital, Birmingham

Participant type(s)
Patient

Age group
Adult

Sex
Both

Target number of participants
280 patients

Key exclusion criteria
1. Children under 16 years of age

2. Patients unable to give consent for the study

3. Adults in emergency situations

Date of first enrolment
07/02/2006

Date of final enrolment
31/07/2007

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Department of Otolaryngology
Birmingham
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B18 7QH

Sponsor information

Organisation
Sandwell and West Birmingham Hospitals NHS Trust (UK)

Sponsor details
Research and Development
Arden House
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Sponsor type
Hospital/treatment centre

ROR
https://ror.org/05mzf3276

Funder(s)

Funder type
Government

Funder Name
Sandwell and West Birmingham Hospitals NHS Trust

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