

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

|  |  |  |
|--|--|--|
| <b>Submission date</b><br>23/01/2006   | <b>Recruitment status</b><br>No longer recruiting              | <input checked="" type="checkbox"/> Prospectively registered |
|  |  | <input type="checkbox"/> Protocol                            |
| <b>Registration date</b><br>07/02/2006 | <b>Overall study status</b><br>Completed                       | <input type="checkbox"/> Statistical analysis plan           |
|  |  | <input type="checkbox"/> Results                             |
| <b>Last Edited</b><br>06/02/2014       | <b>Condition category</b><br>Nutritional, Metabolic, Endocrine | <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

Mr Yohanna M Takwoingi

### Contact details

Department of Otolaryngology  
City Hospital  
Birmingham  
United Kingdom  
B18 7QH  
+44 (0)121 5074559

## 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 envelopes 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 thyroid 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  
United Kingdom  
B18 7QH

## Sponsor information

**Organisation**  
Sandwell and West Birmingham Hospitals NHS Trust (UK)

**Sponsor details**  
Research and Development  
Arden House  
City Hospital  
Birmingham  
England  
United Kingdom  
B18 7QH  
+ 44 (0)121 5074091  
lisa.proctor@swbh.nhs.uk

**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