

Homerton University Hospital NHS Foundation Trust
Hackney College
Defoe Building, Room 10
50 Hoxton Street
N1 6LP

Date 27th June 2016

Email: foi@homerton.nhs.uk

Dear Sir or Madam,

Ref: FOI 2533

Thank you for your recent Freedom of Information request regarding Multi –parametric MRI usage.

The Trust can provide the following information:

1. Do you conduct multi-parametric MRI (mpMRI) scans (using T2-weighted, diffusion-weighted and dynamically enhanced sequences) before prostate biopsies? Yes

If no, it would be helpful to know what the main reasons are:

If yes, it would be helpful if you can you provide an estimate of the percentage of men who receive an mpMRI scan before prostate biopsy our aim is 100% of patients who would be fit for radical treatment (this probably equates to >95%), however there are always a few patients that either DNA or are not able to tolerate MRI/not MRI compatible

2. How many scanners do you have available to use for mpMRI scans before prostate biopsy? 2

3. For each individual scanner used for mpMRI scans before prostate biopsy, please provide the following:

- **Make:** GE (both)
- **Model:** 750W and 450D
- **Magnetic field strength:** 3T and 1.5T
- **Age:** 2.5 years old (3T) and 5 years (1.5T)
- **When the scanner is due to be replaced:** 2021 and 2019

4. How many mpMRI scans before prostate biopsy do you estimate you carry out per year?

- 100 – 250

5.i. Do you intend to increase the number of mpMRI scans before prostate biopsy following the first results from the large clinical trial PROMIS? The Trust intends to continue to carry out pre biopsy mpMRI on all prostate patients. This is our current practice and therefore we do not expect to see an increase in activity.

The ASCO 2016 abstract has shown mpMRI as a triage test can identify one quarter of men (27%) who might safely avoid unnecessary biopsy, without impairing the detection of clinically significant cancer (http://abstract.asco.org/176/AbstView_17...).

5.ii If yes, do you currently have sufficient resources and capacity to cope with this increase?

The information you provide may be re-used publicly. We look forward to hearing from you soon.

N/A

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Yours sincerely

Mohamed Uddin
FoI Administrator

Mike Dunne
Information Governance Manager