

# Request title: Radiology, CT/MRI Scanners

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Date of Response: 29<sup>th</sup> October 2015

Further to your Freedom of Information request, the Trust has answered your questions in the order they appear in your request.

## Request and reply

1. How many a) CT b) MRI scanners does the Trust have?  
The Trust has 3 CT scanners and 2 MRI scanners within its Radiology department and 1 CT scanner within its Oncology department.
2. How many megavoltage linear accelerators does the Trust have?  
The Trust has 3.
  - a) How many of these are capable of
    - i) IMRT      ii) IGRT?All three of the Trusts megavoltage linear accelerators are capable of both.
  - b) What proportion of
    - i) all cancer patients who have radiotherapy are treated with IMRT or IGRT?  
Q1 as a percentage of all **radical** treatment plans performance was 41%  
Q2 as a percentage of all **radical** treatment plans performance was 33.3%
    - ii) prostate cancer patients who have radiotherapy are treated with IMRT or IGRT?  
Q1 as a percentage of **radical** treatment plans performance was 91%  
Q2 as a percentage of **radical** treatment plans performance was 92%
    - iii) head and neck cancer patients who have radiotherapy are treated with IMRT or IGRT?  
Q1 as a percentage of **radical** treatment plans performance was 63%  
Q2 as a percentage of **radical** treatment plans performance was 69%  
All radical patients have an IGRT programme ,either Cone Beam CT (CBCT), Kilo Voltage(KV) X ray /KV plus/minus marker match or Electronic Portal Imaging (EPI).  
All palliative patients have an IGRT programme , KV or EPI.
3. Please specify the age of each of the above CT/ MRI/ megavoltage machines.  
The CT scanners within the Radiology department are 13, 5 and 1 year old.  
The MRI scanners within the Radiology department are 10 and 8 years old.  
The Oncology departments Radiotherapy treatment Linear accelerators are 7 years old (1) and 6 years old (2).  
The Radiotherapy dedicated Pre Treatment Planning CT scanner is 3 years old.
3. Do you currently have plans to replace any of the above? If so, when do you plan to replace the above and has this been budgeted for?  
The Trust has a capital replacement scheme and are hoping to replace a CT scanner and

an MRI scanner this financial year.

The Linear accelerators are due for replacement in 2018 and 2019 respectively and are on the capital replacement programme which is currently in the programme planning stage.