

Ref: FOI/CAD/ID 3478

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07 March 2017

Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to Imaging services.

1. Total number of and the manufacturer and model number(s) of each individual:

- o MRI scanner*
- o CT scanner*
- o PET scanner*
- o SPECT scanner*
- o Ultrasound scanner*
- o Flexible Endoscope [An estimate of the number and predominant manufacturer brand will suffice]*
- o Catheter Lab X-ray machines*

*2. The year each individual scanner was purchased, the purchase method**, cost and the scheduled replacement year for each individual:*

- o MRI scanner*
- o CT scanner*
- o PET scanner*
- o SPECT scanner*

Please state the total cost for trust purchases and annual payments if lease or MES.

Please indicate if equipment was purchased through a group purchasing organisation

3. How each of the following equipment has been purchased (e.g. contract with OEM, NHS Supply Chain catalogue) and how often they are replaced on average:

- o Ultrasound scanner*
- o Sets of Flexible Endoscopes*
- o Catheter Lab CT machines*

An estimate of how often the trust aims to replace the listed equipment would be useful (e.g. once every 2 years).

4. The maintenance provider (e.g. the OEM or a third party) and the annual maintenance cost (if applicable) for each individual:

- o MRI scanner*

- o CT scanner
- o PET scanner
- o SPECT scanner
- o Ultrasound scanner
- o Catheter Lab CT machines

Might be done by the Original Equipment Manufacturer (OEM) (e.g. Siemens maintenance for a Siemens MRI machine) or a third party. If so, please state the provider name.

If no listed maintenance provider, please state – possibly the case for ultrasound.

5. Staffed hours for each individual: (Please note which of the individual scanners are available 24/7 for A&E purposes.)

- o MRI scanner
- o CT scanner
- o PET scanner
- o SPECT scanner

Please state hours each scanner is manned. (e.g. 9am – 6pm, Mon-Fri). Scanners used by A&E departments presumably must be 24/7, so please indicate these where relevant.

6. Number of scans/procedures performed annually in period financial year 2005/06 - 2015/16 for the following: [See the attachment for the relevant OPCS and modality ID codes].

- o MRI scans*
- o CT scans*
- o PET scans*
- o SPECT scans*
- o Ultrasound scans
- o Endoscopy procedures (Upper GI, Lower GI and Urological)
- o Cardiac Angiography and Angioplasty procedures
- o Cardiac Electrophysiology procedures

**For MRI, CT, PET and SPECT these may be covered by submissions to HSCIC for the Diagnostic Imaging Dataset (DID) (<http://www.hscic.gov.uk/did>), but we are looking for more granular data by individual machine if possible.*

7. Number of scans/procedures performed by external providers on behalf of the trust in this same period. How much was paid per scan/procedures on average? Please list by external provider name. For the following:

- o MRI scans
- o CT scans
- o PET scans
- o SPECT scans
- o Ultrasound scans
- o Endoscopy procedures (Upper GI, Lower GI and Urological)
- o Cardiac Angiography and Angioplasty procedures
- o Cardiac Electrophysiology procedures

Number of activities performed by an external provider (NHS or Non-NHS), data may be collected by CCGs.

8. Average cost per scan from by year for the period 2005/06 – 2015/16 for the following:

- o MRI scans

- o CT scans
 - o PET scans
 - o SPECT scans
9. The provider of tracers for PET (e.g. FDG) and annual spend on tracers.

Please note: The Trust cannot calculate the average cost of scans as our SLA income is not unbundled.
 Information has not been provided for PET/CT as this is provided by the Alliance Medical under the National Contract.

1. Total number of and the manufacturer and model number(s) of each individual:

- o MRI scanner - 2
- o CT scanner - 4
- o PET scanner - 0
- o SPECT scanner - 2
- o Ultrasound scanner - 11
- o Flexible Endoscope [An estimate of the number and predominant manufacturer brand will suffice]
- o Catheter Lab X-ray machines - 2

2. The year each individual scanner was purchased, the purchase method, cost and the scheduled replacement year for each individual:

- o MRI scanner

2009, £892, 519	Capital purchase	No fixed replacement date
2011, £1,497,871.10	Capital purchase	No fixed replacement date
- o CT scanner

2005, £782,136.30	Capital purchase	No fixed replacement date
2006, £ 953,453,77	Capital purchase	No fixed replacement date
2011, £1, 162,253	Capital purchase	No fixed replacement date
2013, £690,736,48	Capital purchase	No fixed replacement date
- o PET scanner
- o SPECT scanner

2011, £674,188,05	Capital purchase	No fixed replacement date
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3. How each of the following equipment has been purchased (e.g. contract with OEM, NHS Supply Chain catalogue) and how often they are replaced on average:

- o Ultrasound scanner - NHS Supply Chain 5 years
- o Sets of Flexible Endoscopes - Unknown
- o Catheter Lab CT machines - Unknown

4. The maintenance provider (e.g. the OEM or a third party) and the annual maintenance cost (if applicable) for each individual:

- o MRI scanner* - OEM £110,792,21 OEM, £113,199.67
- o CT scanner* - OEM, £72,434.98 OEM, £61,002,05 OEM, £110,714.21
 OEM, £78, 287.16
- o PET scanner - N/A
- o SPECT scanner - OEM, £81,237.42 OEM, £82,740.00
- o Ultrasound scanner - Unknown
- o Catheter Lab CT machines - OEM, £47,530.34 OEM,
 £60,583.09

5. Staffed hours for each individual: (Please note which of the individual scanners are available 24/7 for A&E purposes.)

o MRI scanner* - 8am-8pm Mon-Fri 8am-3pm Sat-Sun (X2)

CT scanner* - 24/7 (x2)

9am-5pm Mon- Fri (x2)

o PET scanner - N/A

SPECT scanner - 9am-5pm (2 days) 9.am-7pm (3days),
8am-4pm

6. Number of scans/procedures performed annually in period financial year 2005/06 - 2015/16 for the following: [See the attachment for the relevant OPCS and modality ID codes].

	2014/15	2015/16
o MRI scans*	16196	18206
o CT scans*	38,139	43,177
o PET scans*	0	0
o SPECT scans*		
o Ultrasound scans	44958	50805
o Endoscopy procedures (Upper GI, Lower GI and Urological)		
o Cardiac Angiography and Angioplasty procedures		
o Cardiac Electrophysiology procedures		

7. Number of scans/procedures performed by external providers on behalf of the trust in this same period. How much was paid per scan/procedures on average? Please list by external provider name. For the following:

MRI scans

Hospital or provider name(s)	2014	2015	Cost
Alliance Medical Mobile	5592	5310	£140 (1 part av)
The Spire Hospital	1500	2370	£130 (1 part av)
Somerfield Hospital	1521	3087	£131 (1 part av)
MIP	2017	2026	£137 (1 part av)

o CT scans

o PET scans

National Contract with AML

o SPECT scans

o Ultrasound scans

o Endoscopy procedures (Upper GI, Lower GI and Urological)

o Cardiac Angiography and Angioplasty procedures

o Cardiac Electrophysiology procedures

8. Average cost per scan from by year for the period 2005/06 – 2015/16 for the following:

o MRI scans

o CT scans

o PET scans

o SPECT scans

9. The provider of tracers for PET (e.g. FDG) and annual spend on tracers.