

Reference Number: FOI202122517
From: Private Individual
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Subject: Spend on medical imaging equipment

Definitions:

1. Computed Tomography (CT) - is a medical imaging technique that uses computer-processed combinations of multiple X-ray measurements taken from different angles to produce images of a body, allowing the user to see inside the body without cutting. They are used within Medical Physics and Radiology departments.
2. Magnetic Resonance Imaging (MRI) - is a medical imaging technique used in radiology to form pictures of the anatomy and the physiological processes of the body. They are used in Medical Physics and Radiology departments.
3. Ultrasound – is an imaging method that uses high-frequency sound waves to produce images of structures within the body. Ultrasound machines are used in various departments such as Radiology, Renal, Urology, Vascular, Clinical Science and Medical Physics.
4. Fluoroscopy - is an imaging technique that uses X-rays to obtain real-time moving images of the interior of an object. These products are used in Radiology departments.
5. Mammography – is a screening system used to detect and diagnose breast cancer by taking an X-ray of the breast. These products are used by Radiology and Breast Imaging professionals.
6. Nuclear - is a specialised area of radiology that uses very small amounts of radioactive materials, or radiopharmaceuticals, to examine organ function and structure. These products are used in Medical Physics and Radiology departments.
7. Mobile X-ray - these units are used for radiographic imaging of patients who cannot be moved to the radiology department and who are in areas, such as intensive and critical care units or operating and emergency rooms, that lack standard, fixed radiographic equipment. Medical applications can include general radiography and orthopaedic, paediatric, skeletal, and abdominal imaging. They are usually used by Surgeons and Medical Physics and Radiology professionals.
8. Static X-ray - is used for taking standard x-rays. These products are used in Medical Physics and Radiology departments.

Q1 What is your overall spend on medical imaging products and services for the current year?

A1 [£583,610.86](#)

Q2 How much do you spend on each modality requested below for the current year:
a. Computed Tomography (CT)
b. Magnetic Resonance Imaging (MRI)
c. Ultrasound

- d. Fluoroscopy
- e. Mammography
- f. Nuclear
- g. Mobile X-ray
- h. Static X-ray

- A2
- a. £37,225
 - b. £116,493
 - c. £76,530.02
 - d. £26,691
 - e. Not applicable
 - f. £52,131.32
 - g. £50,299.25
 - h. £213,323.08

- Q3 A list of the current equipment held by the Trust across all hospital sites for each of the following:
- a. Supplier
 - b. Product
 - c. Contract start date
 - d. Contract expiry date
 - e. Number of devices
 - f. Age of product

Example Response: 3 x Siemens Acuson SC2000, Initial cost £ 29,000, Contract start date 10/02/2022 Contract end date 10/02/2026, 6 years old

A3 [Please refer to attached document: FOI202122 517 Response](#)

Q4 Annual cost of maintenance of equipment

A4 [Please refer to attached document: FOI202122 517 Response](#)

Q5 What percentage of your imaging equipment has an element of Artificial Intelligence?

A5 [Information not held – the Trust does not routinely collate or hold this information centrally as part of its management or performance data.](#)

