Humber Teaching
NHS Foundation Trust

Freedom of Information Request 22 059

Our Reference:	**FOI 22 059 / SH / AA / PB**
Name:	**Emmanuel Phillips**
Date:	**1st April 2022**
Address:	**request-842482-449eedd9@whatdotheyknow.com**

Dear Requester,

Further to your Freedom of Information Request, please find the Trust's response below:

We are currently updating data on your Trust's medical imaging equipment and spend. Can you please complete the fields below with what you currently hold?

A list of the current medical imaging equipment held by the Trust across all hospital sites, providing the following information:

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

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

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

Q4: Annual cost of maintenance of equipment

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

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.

Humber Teaching NHS Foundation Trust is a multi-specialty provide of mental health,

primary care and community services. The Trust is unable to provide the information requested as the information is not held. The Trust does not own any of the above listed items. The Trust does have use of Ultrasound scanners however these are the property of the acute Trust, Hull University Teaching Hospitals NHS Trust. You may therefore wish to redirect your request to them.

Kind regards,

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https://www.humber.nhs.uk/about-our-trust/freedom-of-information-enquiry-form.htm