

Freedom of Information request 122-22

Request

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) 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.

Response

1. The overall spend on medical imaging products and services for 2021 is £1,120,000.

2. NHS Borders spends the following:

a. Computed Tomography (CT):	£540,000
b. Magnetic Resonance Imaging (MRI):	£0
c. Ultrasound:	£180,000
d. Fluoroscopy:	£0
e. Mammography:	£220,000
f. Nuclear:	£0
g. Mobile X-ray:	£0
h. Static X-ray:	£180,000

3. Please see the list of current equipment held by NHS Borders below:

Supplier	Product	contract start date	contract end date	Age
GE	AAA Ultrasound machine	01/04/2021	31/03/2022	10 Years
GE	AAA Ultrasound machine	01/04/2021	31/03/2022	10 Years
Ulrich	Contrast Injector	01/04/2022	01/04/2023	Five Years
Bayer	Contrast Injector GC	11/02/2022	10/02/2023	Five Years
Bayer	Contrast Injector MRI	11/02/2022	10/02/2023	Five Years
Siemens	CT Scanner	Warranty		New
Instrumnetaruim	Dental Unit OPG	01/04/2022	31/01/2023	Five Years
Hologic	Dexa Scanner	31/01/2022	30/01/2023	Three Years
Samsung	Digital Mobile X-ray	19/03/2022	18/03/2023	Three Years
Samsung	Digital Mobile X-ray	19/06/2021	18/06/2023	Two Years
Samsung	Digital Mobile X-ray	06/02/2022	05/02/2023	Four Years
Ziem	Fluoroscopy unit mobile	01/02/2022	31/01/2023	Four Years
Ziem	Fluoroscopy unit mobile	01/02/2022	31/01/2023	Four Years
Siemens	Fluoroscopy unit static	31/12/2019	31/03/2025	Four Years
Siemens	Gamma Camera	01/04/2019	31/03/2024	Five Years
Samsung	General X-Ray digital	Warranty		One Year
Samsung	General X-Ray digital	25/02/2022	25/02/2023	Three Years
Hologic	Mammography Unit	Warranty		One Year
Siemens	MRI Scanner	Warranty		Six Months
GE	Ultrasound GE	Warranty		New
GE	Ultrasound GE			One Year
Toshiba	Ultrasound Toshiba	01/06/2021	30/05/2022	Four Years
Toshiba	Ultrasound Toshiba			Two Years

4. The annual cost of maintenance of the equipment is approximately £320,000 per annum.

5. None of our imaging equipment has an element of Artificial Intelligence.

If you are not satisfied with the way your request has been handled or the decision given, you may ask NHS Borders to review its actions and the decision. If you would like to request a review please apply in writing to, Freedom of Information Review, NHS Borders, Room 2EC3, Education Centre, Borders General Hospital, Melrose, TD6 9BS or foi.enquiries@borders.scot.nhs.uk.

The request for a review should include your name and address for correspondence, the request for information to which the request relates and the issue which you wish to be reviewed. Please state the reference number **122-22** on this request. Your request should be made within 40 working days from receipt of this letter.

If following this review, you remain dissatisfied with the outcome, you may appeal to the Scottish Information Commissioner and request an investigation of your complaint. Your request to the Scottish Information Commissioner should be in writing (or other permanent form), stating your name and an address for correspondence. You should provide the details of the request and your reasons for dissatisfaction with both the original response by NHS Borders and your reasons for dissatisfaction with the outcome of the internal review. Your application for an investigation by the Scottish Information Commissioner must be made within six months of your receipt of the response with which you are dissatisfied. The address for the Office of the Scottish Information Commissioner is, Office of the Scottish Information Commissioner, Kinburn Castle, Doubledykes Road, St Andrews, Fife.