

Reference FOI202122517

Number:

From: Private Individual

Date: 08 March 2022

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.

FOI202122/517 Response to Q3 and Q4

Count of Serial No				Years Contract End Date					2023 2024 2025 2026 2029 Grand Total						
Years2 Contract S		Annual Brand	Model	Category	Age Mar)22 Jul	Aug	Sep O	ct Nov	2023 Feb				9 Grand	Total
Date 2019	14-Jan	contract cost £7,440.00 GE Medical Systems (Ultrasound)	12S-D Phased Array Ultrasound Transducer	Ultrasound Transducer Doppler	3						2				2
		, ,			4						1				1
			6S-D Phased Array Transducer	Ultrasound Transducer Doppler	4						3				3
			M5Sc-D Phased Array Ultrasound Transducer	Ultrasound Transducers	4						3				3
			P2D DOPPLER Vivid E95	Ultrasound Transducers Ultrasound Scanner	4						3				3
	21-Aug	£900.00 Planmeca	ProX	Dental X-ray Unit	.7		2								2
	01-Oct 15-Oct	£1,430.27 SIEMENS £3,947.20 NewTom	Acuson X300 GiANO HR 2D/3D	Ultrasound Scanner Dental X-ray Unit	14 3			1						1	1
			GIANO WS	DISPLAY UNIT CRT CLINICAL	3									1	1
2020	40.1	BARCO	GIANO Display	DISPLAY UNIT CRT CLINICAL	3									1	1
2020	13-Jan	£2,600.00 GE Medical Systems (Ultrasound)	12S-D Phased Array Ultrasound Transducer 6S-D Phased Array Transducer	Ultrasound Transducer Doppler Ultrasound Transducer Doppler	3							1			1
			M5Sc-D Phased Array Ultrasound Transducer	Ultrasound Transducers	3							1			1
			P2D DOPPLER	Ultrasound Transducers	3							1			4
			Vivid E95	Ultrasound Scanner	2							1			1
	12-Feb	£2,750.50 Philips Healthcare	PHILIPS PULSERA 9" PHILIPS PULSERA C ARM NMCA025	IMAGE INTENSIFIER IMAGE INTENSIFIER	8					1					1
2021	01-Apr	£17,602.11 SIEMENS	CIOS FUSION	IMAGE INTENSIFIER	5	3									3
		£3,164.00 FUJIFILM UK LTD	FDR D-EVO II C35 FDR Nano	X-ray Detector Mobile X-ray	4	1									1
	01-Jul	£3,894.64 FUJIFILM UK LTD	FDR D-EVO II C35	X-ray Detector	2								1		1
		SIEMENS MEDICAL SOLUTIONS	FDR Nano	Mobile X-ray	2								1		1
	01-Aug	£52,131.32 SIEMENS MEDICAL SOLUTIONS DIAGNOSTIC LTD	Symbia Intevo 6	Gamma Camera	7		1								1
	17-Sep 28-Sep	£10,918.00 BIOSENSE £22.888.00 FUJIFILM UK LTD	BIO-SENSE WEBSTER CARTO 3 FDR D-EVO II C24	CARDIAC CATHETER SYSTEM X-ray Detector	2			1							1
					7			4							4
			FDR D-EVO II C35 FDR GO	X-ray Detector Mobile X-ray	7			5							2 5
	01-Oct	£3,193.32 Philips Healthcare	Affiniti 70 C8-5 Ultrasound Transducer	Ultrasound Scanner Ultrasound Transducers	7			1							1
		£5,758.16 Philips Healthcare	Affiniti 70	Ultrasound Transducers Ultrasound Scanner	7			2							2
			S12-4 Ultrasound Transducer S5-1 Ultrasound Transducer	Ultrasound Transducers Ultrasound Transducers	7			2							2
			S8-3 Ultrasound Transducer S8-3 Ultrasound Transducer	Ultrasound Transducers	3			1							1
		£59,006.04 Philips Healthcare	ALLURA FLEX SCREEN	CATHETER SUIT	7			1							1
		255,000.04 Philips HealthCare	ALLURA FD10/10	CATHETER SUIT	7			1							1
			ALLURA FD10/10 DOSE AWARE WORKSTATION	CATHETER SUIT	7			1							1
		£33,525.72 Philips Healthcare	ALLURA FLEX SCREEN	CATHETER SUIT	7			1							1
			ALLURA FD20/15 DOSE AWARE WORKSTATION	CATHETER SUIT	7			1							1
			ALLURA FD20/15	CATHETER SUIT	7			1							1
		£1,770.00 FUJIFILM UK LTD £37,225.00 Philips Healthcare	FCR CAPSULA XL II 4598-000-33281 INGENUITY CONSOLE	PROCESSOR X-RAY CONTROL UNIT	9 7			1							1
		000 404 40 70 70 11 111	PHILIPS INGENUITY 128	CT SCANNER	7			1							1
		£23,424.12 Philips Healthcare	DIGITAL DIAGNOST FLEX 2 DXR DIGITAL DIAGNOSTIC FLEX WORKSTATION	X-RAY SUITE	7			3							3
		£11.433.76 Philips Healthcare	C5-1 Ultrasound Transducer	Ultrasound Transducers	-			0							2
		£11,455.76 Prillips Healthcare	C8-5 Ultrasound Transducer	Ultrasound Transducers	7			2							2
			C9-2 Ultrasound Transducer	Ultrasound Transducers	1			1							1
					7			1							1
			Epiq 5G	Ultrasound Scanner	7			2							2
			L12-5 50mm Ultrasound Transducer Doppler	Ultrasound Transducer Doppler	7			1							1
			L15-7io Ultrasound Transducer Doppler L18-5 Ultrasound Transducer Doppler	Ultrasound Transducer Doppler Ultrasound Transducers	7			1							1 2
		£7,060.00 Philips Healthcare	C5-1 Ultrasound Transducer C8-5 Ultrasound Transducer	Ultrasound Transducers Ultrasound Transducers	3			1							1
			C9-2 Ultrasound Transducer	Ultrasound Transducers	3			1							1
			Epiq 5G	Ultrasound Scanner	3			1							1
			L12-5 50mm Ultrasound Transducer Doppler	Ultrasound Transducer Doppler	3			1							1
		£4,848.40 Philips Healthcare £14,856.26 Philips Healthcare	Epiq 5G eL18-5 Ultrasound Transducer Doppler	Ultrasound Scanner Ultrasound Transducer Doppler	3			1							1
			EPIQ CVX 3D	Ultrasound Scanner	3			2							2
			EPIQ S9-2 ULTRASOUND TRANSDUCER EPIQ X5-1 ULTRASOUND TRANSDUCER	Ultrasound Transducer Doppler Ultrasound Transducer Doppler	4			1 2							1 2
		£26,691.04 Philips Healthcare	MultiDiagnost Eleva MultiDiagnost Eleva Workstaion	FLUOROSCOPY UNIT FLUOROSCOPY UNIT	7			1							1
		£116,493.00 Philips Healthcare	Ingenia 1.5T MRI	MRI Scanner	7			1							1
	07-Nov	£17,910.00 VINGMED	Ingenia 3.0T MRI VINGMED 9T TRANSDUCER ULTRASONIC	MRI Scanner TOE/TEE Ultrasound Transducer	7			1	5	2					1 2
					3					1					1
	19-Nov	£40,000.00 EOS IMAGING	EOS AQUISITION SYSTEM STEREOS WORKSTATION	X-RAY CABINET Clinical Computer/PC	7				1	1					1 2
2017	31-Oct	£50,750.00 SIEMENS MEDICAL SOLUTIONS DIAGNOSTIC LTD	ARTIS ZEEGO	HYBRID CATH LAB	6				1						1
Grand Total		£583,610.86				5	1 2	68	1 6	5 2	15	5	2	3	110