

Reference Number: FOIAH2425/456
From: Other
Date: 13 November 2024
Subject: Hospital Demographics, Medical Equipment Management, Sustainability Practices, Policies and Compliance

Our focus includes understanding procurement, inventory management, and disposal practices for medical equipment, with particular attention to environmental impact and sustainability efforts. We aim to compile this information for analysis and to promote awareness of sustainable healthcare practices.

Please find the details of our request below. We have provided structured response options where applicable to ensure consistency and ease of analysis.

For this request, "medical equipment" includes reusable or single-use tools, devices, or machinery used for patient care, diagnosis, treatment, or monitoring (e.g., surgical instruments, diagnostic devices, monitoring equipment, and imaging machines).

Q1 SECTION 1: Hospital Demographics

a) Please indicate Trust/Hospital Type: Acute, Mental Health, Community, Ambulance, Other (please specify)

b) Type of Care: Secondary, Tertiary, Other (please specify)

c) Total Number of Beds: Please indicate the total number of inpatient beds in your hospital, including all types (e.g., general, ICU, maternity) if applicable.

d) ICU/ITU Bed Count: How many beds are designated for intensive or high-dependency care?

e) Annual Admissions: Please provide the total number of patient admissions in the last calendar year.

A1 a) Specialist Trust providing Acute and Mental Health Services

b) Tertiary

c) General & Acute – 207

Learning Disabilities- Zero

Maternity- Zero

Mental Health Beds - 10

d) 36

e) 44,282

Q2 SECTION 2: Procurement and Inventory Management

a) Formal Procurement Policies: Does your hospital have formal policies or guidelines for medical equipment procurement? If yes, please provide a copy or summary

b) Designated Procurement Roles: Is there a designated individual or team responsible for managing the procurement of medical equipment?

If yes, please provide whether this is an individual or team, the role(s) and a brief description of responsibilities.

c) Inventory Review Frequency: How often is your medical equipment inventory reviewed for excess or unused items?

d) Primary Sources for Procurement: What are the primary sources for your medical equipment procurement? Please indicate the proportion sourced from the NHS supply chain versus individual suppliers, and provide any additional details as applicable.

- A2
- a) Yes, Medical Devices Policy and Procurement rules. All new equipment types must pass through the Medical Devices committee prior to procurement.
 - b) Designated procurement officer to raise Capital medical device orders. Non-capital devices are raised by individual budget holders.
 - c) No formal review. Excess equipment is identified by users
 - d) Primary source is NHS Supply Chain. Procurement to advise on %

Q3 SECTION 3: Waste and Disposal

a) Excess/Expired Equipment: What percentage of your medical equipment inventory was classified as excess, unused, or expired in the last 12 months? Please provide a breakdown by equipment type, if available.

b) Disposal Responsibility: Is there a specific role or department responsible for overseeing the disposal of medical equipment? If yes, please provide whether this is an individual or a department, the role(s) and responsibilities.

c) Formal Disposal Policy: Does your hospital have a formal policy for the disposal of medical equipment? If yes, please provide a copy or summary or any policies

d) Types of Commonly Disposed Equipment: Please specify the types of medical equipment most commonly disposed of due to expiry or non-use. Include examples and percentages for each type, if possible.

- i: Surgical instruments
- ii: Diagnostic devices
- iii: Monitoring equipment
- iv Imaging equipment
- v: Other (please specify)

- A3
- a) 6% (end of life reusable medical devices)
 - b) Medical Engineering oversee the disposal of reusable medical devices
 - c) Medical Devices Policy, Trust waste management policy, Medical Engineering departmental quality documents.
 - d) This varies depending on lifecycle. in the last 12 months the most common reusable medical device disposals were Medical Gas hoses 17.65%, Tympanic Thermometers 8.64%, Syringe driver 6%
- i-v. See attached – 456 FOI Response

Q4 SECTION 4: Sustainability and Environmental Impact

a) Sustainability Initiatives: Does your hospital have a sustainability initiative for recycling, reuse, or redistribution of excess or unused medical equipment? If yes, please provide details.

b) Disposal of Excess or Expired Equipment: How does your hospital manage the disposal of excess, expired, or damaged equipment? Please provide a breakdown by disposal method and indicate the approximate amount (in tonnes) used per year for each method.

i: Recycling

ii: Donation

iii: General waste

iv: Other (please specify)

- A4 a) Information not held – we do not have any sustainability initiatives for recycling, reuse, or redistribution of excess or unused medical equipment.
b) Any medical equipment not disposed of, by the medical engineering department is treated as general mixed waste. This is placed in a large skip with other mixed waste, collected by the waste contractor and sorted & divided into appropriate waste streams at their sorting depot. We do not receive separate tonnage figures for medical kit.

Q5 SECTION 5: Policies and Compliance

a) Compliance with Disposal Guidelines: How does your hospital ensure compliance with national or NHS guidelines on the disposal and management of medical equipment? i.e. Internal audits, external audits, regular staff training, other (please specify)

b) Internal Audits of Equipment Management: Has your hospital conducted internal audits within the last 12 months to assess the management of excess medical equipment? If yes, please indicate the frequency of audits and any key findings, if available)

- A5 a) Medical Engineering procedural documents
b) No

Ambulatory EEG Recorder	0.96%
Anaesthetic Machine Accessory	0.24%
Anaesthetic Vaporiser	0.48%
APNOEA MONITOR	0.12%
AUDIOMETERS	0.12%
Axillary Thermometer	2.64%
Baby Scales	0.12%
Balances	0.24%
Bench Scale	0.60%
Bispectral Index Monitor (BIS)	0.12%
BLANKET HEATED	0.12%
Blender	0.12%
CAMERA	0.36%
Central Station for Patient Monitoring	0.12%
Centrifuge	0.36%
Cerebral Oximeter	0.12%
Chair Scales	0.36%
Clinical Computer/PC	0.24%
CO2/O2 Monitor Gas Flow	0.24%
Computer Display	1.20%
Computer/PC	0.60%
Control Unit	0.24%
Curing Light	0.12%
Diagnostic Oto/Ophthal	0.12%
DISPLAY UNIT	0.12%
Drill Control Unit	0.12%
Ear Irrigator (Electronic)	0.12%
EEG Software System	0.12%
Electrical Stimulator	0.12%
Electrosurgery Unit (Diathermy)	0.60%
Endoscope	0.96%
Endoscope System Trolley	0.72%
Endoscopic Light Source	0.48%
Endoscopic Video System	0.12%
Entonox Regulator	0.12%
Epidural Infusion Pump	0.12%
EXCERCISE EQUIPMENT	0.12%
Expiratory Valve	1.08%
Flexible Endoscope	0.84%
FLOW METERS/REGULATORS/HOSE	0.96%
Flowmeter/Injector Suction	0.12%
Fluid Warmer	0.12%
Fume Extractor	0.12%
Gas Flowmeter	0.36%
Gas Generator	0.12%

Gas Regulator	0.12%
Gastroscope	0.12%
Haemodialysis Unit (CRRT)	0.12%
HEAD BOX FOR ELECTRODES	0.84%
Heart Lung Bypass	0.36%
Heated Cots	0.24%
Heated Humidifier	2.16%
HEATER	0.12%
HEATER BLOOD	0.12%
HEATER/STIRRER	0.12%
Hose	17.65%
HOUSING EQUIPMENT	1.08%
IMAGE CAPTURE SYSTEM	0.12%
Image Guided Surgical System	0.24%
Infusion Pump Syringe Driver	6.00%
Insufflator	0.12%
Interfacing Module	0.48%
Laboratory Equipment (Miscellaneous)	0.12%
LED Light Source	0.24%
LINEAR CALIBRATION TOOL	0.12%
LUNG COMPLIANCE TEST UNIT	0.24%
Manual Blood Pressure	0.12%
Mass Spectrometer	0.12%
Microdebrider	0.12%
MICROSCOPE ACCESSORY	0.12%
Mobile X-ray	0.12%
Monitor	1.92%
Monitoring System	0.48%
Multi-Parameter Patient Monitor	0.48%
NAVIGATION HUB	1.20%
Occluder	0.36%
OPHTHALMOLOGY EQUIPMENT	0.12%
Ophthalmoscope Indirect	0.12%
Oscillating Saw	0.12%
Oxygen (O2) Dual Direct Flowmeter	2.40%
Oxygen (O2) Dual Indirect Flowmeter	0.60%
Oxygen (O2) Hose	4.08%
Oxygen (O2) Single Direct Flowmeter	1.56%
Patient Monitor	0.12%
Patient Trolley	0.12%
PH METER	0.12%
Phototherapy Unit	0.12%
Piped Suction/Vacuum	3.12%
Portable Fibre Intubation Scope	0.96%
Portable Measurement Server	0.36%
Portable Suction Unit	0.24%
Portable Ventilator	3.72%

POWER UNIT	0.24%
PREAMPLIFIER PRESSURE	0.36%
PRINTER INK JET	0.12%
PRINTER VIDEO	0.12%
Pulse Oximeter (SaO2)	1.68%
PUMP	0.12%
Pump Blood	1.80%
Reciprocating Saw	0.12%
RECORDER CHART	0.12%
RECORDER PH/IMPEDANCE	0.24%
Rigid Endoscope	0.24%
Slit Lamp Microscope	0.12%
Spectrophotometer	0.24%
SPIROMETER	0.24%
Standing Scales	0.24%
STRESS TEST SYSTEM	0.12%
Suction Unit Electric - High Vacuum	1.68%
Surgical Drill	1.80%
SURGICAL TOOL	0.12%
TELEPACK	0.12%
TELESCOPE	0.12%
TOE/TEE Ultrasound Transducer	0.36%
Transcutaneous O2/CO2 Monitor	0.12%
TREADMILL	0.12%
Treatment Couch	0.12%
Trolley	0.24%
Trolley Medical Equipment	0.60%
Tympanic Thermometer	8.64%
TYMPANOMETER	0.12%
ULTRASONIC ASPIRATOR	0.12%
ULTRASONIC CLEANER	0.12%
Ultrasound Scanner	0.12%
Ultrasound Transducers	0.96%
UNDEFINED	0.96%
UPS	0.96%
URETHOSCOPE	0.12%
Video Camera	0.24%
VIDEO LARYNGOSCOPE	1.56%
Volumetric Infusion Pump	3.00%
Wheelchair, Mobility Equipment, Trollies	0.24%
Wire Driver	0.12%