

Freedom of Information Act 2000 – Request Reference FoI/24/308
Spirometry Medical Devices

Under the Freedom of Information Act 2000, I am requesting information on your Trust's use and procurement of Spirometry Medical Devices, associated software and maintenance.

Specifically, could you please provide answers to the following questions: -

1 Does the Trust use Spirometry Medical Devices?

Yes

No

1(i) If "No" then go to question 10.

1(ii) If "Yes" then which makes and models are currently in use and how many of each are currently deployed by department (e.g. Cardiology, Respiratory, Chronic Obstructive Pulmonary Disease, Occupational Health, Accident & Emergency etc.)

A search for all equipment with device type 'Spirometer' produced the following results:

Brand	Model	Purchase date	Department (Location)
Vitalograph Ltd	2120	01/02/2024	Cystic Fibrosis Outpatients
Vitalograph Ltd	In2itive	01/01/2024	Cystic Fibrosis
Vitalograph Ltd	In2itive	01/08/2023	Asthma and Allergy Department
Vitalograph Ltd	6300 Micro	01/06/2023	C6
Carefusion Micro Medical	Micro 1	01/09/2022	Neuro Rehab Unit W8 (ex Rookwood)
Medical International Research	Spirobank II	01/09/2022	B4 Neuro
Medical International Research	Spirobank II	01/09/2022	B4 Neuro
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/07/2022	B4 Neuro
Medical International Research	Spirolab	01/04/2022	ITU General
Medical International Research	Spirolab	01/04/2022	ITU General
Nuvoair	Air Next	01/04/2022	Cystic Fibrosis
Nuvoair	Air Next	01/04/2022	Cystic Fibrosis
Nuvoair	Air Next	01/04/2022	Cystic Fibrosis
Nuvoair	Air Next	01/04/2022	Cystic Fibrosis
Nuvoair	Air Next	01/04/2022	Cystic Fibrosis

Medical International Research	Spirolab	01/03/2022	Paeds Physio 1st Floor Cardigan House
Medical International Research	Spirolab	01/03/2022	Paeds Physio 1st Floor Cardigan House
Medical International Research	Spirolab	01/03/2022	Paeds Physio 1st Floor Cardigan House
Medical International Research	Spirolab	01/03/2022	Paeds Physio 1st Floor Cardigan House
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/02/2022	Immunology Nurse Specialist
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/11/2021	Neuro Clinical/Research Room (No 80H, 4th Floor B/C Link))
Pari Medical Ltd	Myspirosense	01/09/2021	Postgraduate Academic Centre
Pari Medical Ltd	Myspirosense	01/09/2021	Postgraduate Academic Centre
Pari Medical Ltd	Myspirosense	01/09/2021	Postgraduate Academic Centre
Pari Medical Ltd	Spirosense Pro	01/09/2021	Postgraduate Academic Centre
Eco Medics	Exhalyzer D	01/08/2021	Childrens (Starfish) Outpatients – Ocean Floor
Carefusion Micro Medical	Micro Plus	01/08/2021	A6 (N) Trauma
Carefusion Micro Medical	Micro Plus	01/08/2021	A6 (N) Trauma
Eco Medics	Exhalyzer D	01/03/2021	Cystic Fibrosis Outpatients
Vitalograph Ltd	40550 Lung Monitor	01/06/2020	Cystic Fibrosis Outpatients
Vitalograph Ltd	40550 Lung Monitor	01/06/2020	Cystic Fibrosis Outpatients
Vitalograph Ltd	40550 Lung Monitor	01/06/2020	Cystic Fibrosis Outpatients
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Vitalograph Ltd	40550 Lung Monitor	01/06/2020	Cystic Fibrosis Outpatients
Vitalograph Ltd	40550 Lung Monitor	01/06/2020	Cystic Fibrosis Outpatients
Carefusion Micro Medical	Micro 1	01/03/2020	Lung Function
E Research Technology (Ert)	Flowscreen CT	01/01/2020	Lung Function
E Research Technology (Ert)	Flowscreen CT	01/01/2020	Lung Function
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/01/2020	Immunology Nurse Specialist
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/01/2020	Immunology Nurse Specialist
Vitalograph Ltd	2120	01/03/2019	ECG (Cardiac Physiology)
Vitalograph Ltd	2120	01/03/2019	ECG (Cardiac Physiology)
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/09/2018	Cystic Fibrosis
Carefusion Micro Medical	Micro 1	01/07/2018	Helen Durham Centre

Carefusion Micro Medical	Micro Loop	01/03/2018	Chest Clinic
Carefusion Micro Medical	Micro 1	01/12/2017	C4 Neuro
Carefusion Micro Medical	Micro 1	01/10/2017	Child Health, Paeds LTV
Nspire	Koko PFT	01/03/2017	Cystic Fibrosis
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/01/2017	Child Health, Paeds LTV
Carefusion Micro Medical	Micro Loop	01/09/2016	CHFW Research Room (Rhino Project), next to Seahorse Assessment Unit.
Carefusion Micro Medical	Micro Loop	01/09/2016	CHFW Research Room (Rhino Project), next to Seahorse Assessment Unit.
Carefusion Micro Medical	Micro Loop	01/09/2016	CHFW Research Room (Rhino Project), next to Seahorse Assessment Unit.
Carefusion Micro Medical	Micro Loop	01/09/2016	CHFW Research Room (Rhino Project), next to Seahorse Assessment Unit.
E Research Technology (Ert)	Flowscreen CT	01/09/2016	Lung Function
Carefusion Micro Medical	Micro 1	01/05/2016	Clinical Research Facility
E Research Technology (Ert)	Masterscope CT	01/06/2016	Lung Function
Carefusion Micro Medical	Micro 1	01/05/2016	Clinical Research Facility
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/05/2015	Immunology Nurse Specialist
Vitalograph Ltd	6000 Alpha Touch	01/07/2014	Occupational Health
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/11/2014	Cystic Fibrosis
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/10/2014	Neuro Physio
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/10/2014	Outpatients Suite 3
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/09/2014	Cystic Fibrosis
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/08/2014	Community Respiratory Resource (CRRU)
Carefusion Micro Medical	Micro	01/04/2014	Cystic Fibrosis Unit
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/08/2013	Cystic Fibrosis
Carefusion Micro Medical	Micro 1	01/05/2013	Cystic Fibrosis
Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/05/2013	Cystic Fibrosis Unit
Vitalograph Ltd	Alpha	01/03/2013	Childrens Unit
Carefusion Micro Medical	Micro 1	01/02/2013	Cystic Fibrosis
Carefusion Micro Medical	Micro Plus	01/10/2012	Cystic Fibrosis
Carefusion Micro Medical	Micro 1	01/10/2012	Cystic Fibrosis
Carefusion Micro Medical	Micro 1	01/10/2012	Cystic Fibrosis

Carefusion Micro Medical	Micro Lab Mk8 ML3500	01/09/2012	Paeds Physio 1st Floor Cardigan House
Carefusion Micro Medical	Micro 1	01/07/2012	Cystic Fibrosis Unit
Carefusion Micro Medical	Micro 1	01/07/2012	Cystic Fibrosis Unit
Carefusion Micro Medical	Micro Lab Mk8 ML3500	11/02/2009	Child Health, Paeds LTV
Carefusion Micro Medical	Micro Lab Mk8 ML3500	04/08/2008	Cystic Fibrosis Unit
Carefusion Micro Medical	Micro Lab Mk8 ML3500	26/03/2008	W6 (Temp W2)
Carefusion Micro Medical	Micro Lab Mk8 ML3500	22/02/2008	Immunology Nurse Specialist
Carefusion Micro Medical	Micro	12/11/2007	Cystic Fibrosis
Carefusion Micro Medical	Micro	01/11/2007	Child Health, Paeds LTV
Carefusion Micro Medical	3500	12/09/2007	Pengam Green, Cardiff
Carefusion Micro Medical	Micro	07/12/2006	Cystic Fibrosis Unit
Carefusion Micro Medical	Micro	01/09/2006	Llanederyn
Carefusion Micro Medical	Micro	23/06/2006	C4 Neuro
Carefusion Micro Medical	Micro	23/06/2006	C4 Neuro
Carefusion Micro Medical	Micro Plus	05/09/2005	C4 Neuro
Carefusion Micro Medical	Micro Plus	31/08/2005	C4 Link Corridor
E Research Technology (ERT)	Masterscope CT	01/10/2020	CHFW Research Room (Rhino Project), next to Seahorse Assessment Unit

2 For the most recent year for which data is available; how many Spirometry medical devices did the Trust procure?

Please see the above table.

3 For the most recent year for which data is available; how many Spirometry patient tests did the Trust perform?

In completing a search for the information requested, Cardiff and Vale University Health Board (the UHB) has confirmed that this information is not centrally recorded or collated. To retrieve the information requested would require a manual search through individual records and the UHB considers that this would exceed the limit set within Regulations for responding to a request. The UHB has therefore relied upon the section 12 exemption of the Freedom of Information Act 2000 ('Exemption where cost of compliance exceeds appropriate limit') and is refusing your request.

The UHB has estimated that to complete the work needed to respond to this request would exceed the time limit as set within Regulations to respond to a Freedom of Information Act request. Under the Act there is an allowance of two and a half days, or 18 hours, to comply with a request and the cost limit set within the Fees Regulations for this amount of work (18 hours) is £450 for the UHB. The Fees Regulations specify that the cost of complying with a request must be calculated at the rate of £25 per hour.

4 What is the Trust's preferred procurement channel for purchasing Spirometry medical devices?

Supplier Direct

NHS Supply Chain

Other* (please specify)

Other*: No preference.

5 What is the Trust's preferred payment model for Spirometry medical devices?

One Time Purchase

Monthly / Subscription

Other* (please specify)

Other*:

6 What are the individual unit costs of each Spirometry device by cost category (hardware / software / maintenance)?

6(i) Device Hardware

The UHB believes the section 12 exemption to apply here and is therefore refusing your request.

6(ii) Device Software

The UHB does not hold this information.

6(iii) Device Maintenance

Based on the information held by the UHB, the maintenance costs cannot be split according to the table provided in your request. We either have a chargeable model (i.e. the department pays for work where necessary) or the Clinical Engineering Department covers PM work for some equipment at about £40 to £50 per device per year.

7 Does the Trust undertake its own calibration of Spirometry medical devices or is this outsourced?

In-house calibration

- Outsourced calibration
- No calibration

The Clinical Engineering Department checks the calibration of the spirometers, but does not calibrate the equipment.

8 Would the Trust benefit from a Spirometry Medical Device that only requires calibration annually?

- Yes
- No

9 What are the biggest challenges that the Trust faces in providing Spirometry tests?

The UHB does not hold this information. Please be aware that the Freedom of Information Act 2000 gives individuals the right to access information held by a public authority, subject to any statutory exemptions, at the time of request. A public authority does not have to create new information which does not already exist in order to comply with a request.

10 Is the Trust planning to expand spirometry services?

- Yes
- No

10(i) If "Yes" what resources or support would be required to facilitate this expansion?

11 Can you provide the contact details of the lead respiratory nurse, and the lead/business manager for respiratory services in your hospital?

The UHB does not have a lead respiratory nurse or a lead business manager for respiratory services. However, the UHB can provide the position and departments for the following members of staff.

Name:			
Position:	Respiratory Physiotherapist	ITU Consultant	Respiratory Clinical Nurse Specialist
Department:	Physiotherapy	Intensive Care Unit	Child Health
Email:			
Tel:			

After considering your request for names and contact details, the UHB believes that the data requested is classed as personal data as defined under the General Data Protection Regulation (GDPR) and Data Protection Act 2018. Its disclosure would be contrary to the data protection principles and constitute unfair and unlawful processing with regard to Articles 5, 6, and 9 of the GDPR. We are therefore withholding this detail under section 40(2) of the Freedom of Information Act 2000. This exemption is absolute and therefore there is no requirement to apply the public interest test.