

## Freedom of Information Request: Spirometry Medical Devices

Dear Sir/Madam,

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.)

Manufacturer	Model	Quantity	Department
Vitalograph	6000	3	Respiratory (children)
Vitalograph	6800 77000	15	Cystic Fibrosis
Vitalograph	Alpha	2	Respiratory (children)
MGC Diagnostics	CPFS/D	12	Respiratory
MGC Diagnostics	Platinum elite	6	Respiratory
Medizintechnik	Easyone air 2500 2nt	1	Research
Carefusion	Micro 1	5	Critical care, physio, & general medical wards
Carefusion	Micro	1	Neurology
Micro medical	3300	1	Occupational Health
MGC Diagnostics	Platinum elite	7	Lung clinic
Cardinal	Pulmolife	4	Surgical clinic
M/R	Spirobank	200	Virtual ward
Pair	SpirosensePro	1	Lung Cancer

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

Manufacturer	Model	Quantity	Year of Purchase
MGC Diagnostics	Platinum elite	1	2024

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

<i>Year</i>	2023
<i>Number of patient tests</i>	<i>within Respiratory we saw 8685 patient in 2023. Note; other teams 'may' have performed this test but in order to comply all departments/ divisions within the trust would need to check patient records= section 12 exemption as detailed in attached letter</i>

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

- Supplier Direct
- NHS Supply Chain
- Other\* (please specify)

Other\*:

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

- One Time Purchase
- Monthly / Subscription
- Other\* (please specify)

Other\*:

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

6(i) Device Hardware

Manufacturer	Model	Payment Model	Unit Price Excl. VAT
		e.g. One Time Purchase, Monthly Subscription / Other*	

Vitalograph	6000	One time	Commercially sensitive (S43)  however we can confirm the following:  unit prices range from around £100 each to £40,000 each
Vitalograph	6800 77000	One time	As above
Vitalograph	Alpha	One time	As above
MGC Diagnostics	CPFS/D	One time	As above
Medizintechnik	Easyone air 2500 2nt	One time	NK
Carefusion	Micro 1	One time	As above
Carefusion	Micro	One time	As above
Micro medical	3300	One time	As above
MGC Diagnostics	Platinum elite	One time	As above
Cardinal	Pulmolife	One time	As above
M/R	Spirobank	One time	Nk
Pari	SpirosensePro	One time	As above

6(ii) Device Software

Manufacturer	Model	Payment Model <small>e.g. One Time Purchase, Monthly Subscription / Other*</small>	Unit Price Excl. VAT
MGC Diagnostics	Platinum elite	One time	As above

6(iii) Device Maintenance

Manufacturer	Model	Payment Model <small>e.g. One Time Purchase, Monthly Subscription / Other*</small>	Unit Price Excl. VAT
MGC Diagnostics	Platinum elite	One time	As above
MGC Diagnostics	CPFS/D	One time	As above

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

In-house calibration

Outsourced calibration

No calibration

**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?**

Trained staff

**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?

This is part of the CDC strategy.

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

Name:	Ian Cliffe		
Position:	Consultant Clinical Scientist		
Department:	Head of Respiratory & Sleep Physiology		
Email:	All Trust emails are in the following format: <a href="mailto:firstname.lastname@uhn.nhs.uk">firstname.lastname@uhn.nhs.uk</a>		
Tel:			