

<b>Reference:</b>	FOI.14411.24
<b>Subject:</b>	Spirometry Medical Devices
<b>Date of Request:</b>	15 May 2024

**Your request and our response**

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: -

Hywel Dda University Health Board (UHB) provides the requested information below.

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
Carefusion	Microlab / Microlab Mk8	4	Respiratory nursing, Children's Continuity of Care Service and Family and Child Health Team
Carefusion	Micro I	6	Respiratory
Intermedical	Easyone Pro	1	Cardio-respiratory
Intermedical	Spirolab		Community, Respiratory Nursing
Micromedical	Micro	1	Occupational Health
Micromedical	Microlab / Microlab Mk 8	7	Children's Centre, Community, Respiratory Nursing, Respiratory
Ohmeda	Wrights	2	Theatre
Vitalograph	6300 Micro	2	Respiratory Nursing

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
Carefusion	Micro I	6	2020
Carefusion	Microlab	1	2011
Carefusion	Microlab	1	2021
Carefusion	Microlab Mk 8	1	2014
Carefusion	Microlab Mk 8	1	2021
Intermedical	Easyone Pro	1	2022
Intermedical	Spirolab	2	2022
Intermedical	Spirolab	1	2023
MicroMedical	Micro	1	2015

MicroMedical	Microlab	1	<1995
MicroMedical	Microlab	1	2009
MicroMedical	Microlab	1	2016
MicroMedical	Microlab	2	2019
MicroMedical	Microlab Mk 8	2	2016
Ohmeda	Wrights	1	1995
Ohmeda	Wrights	1	2000
Vitalograph	6300 Micro	2	2013
Vitalograph	6800	4	2016
Vitalograph	6800	2	2021
Vitalograph	6800	2	2023
Vitalograph	6800	1	2024

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

The UHB provides, within the table below, the number of Spirometry tests performed, as recorded on the UHB's Welsh Patient Administration System (WPAS), during the 2023 calendar year.

<b>Calendar year</b>	2023
<b>Number of patient tests</b>	1,075

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

Supplier Direct

NHS Supply Chain

Other\* (please specify)

Other\*: \_\_\_\_\_

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

<b>Manufacturer</b>	<b>Model</b>	<b>Payment Model</b> e.g. One Time Purchase, Monthly Subscription / Other*	<b>Unit Price Excl. VAT</b>
Carefusion	Microlab / Microlab Mk8	One Time Purchase	£1,400.00
Carefusion	Micro I	One Time Purchase	£1,250.00
Intermedical	Easyone Pro	One Time Purchase	£25,000.00
Intermedical	Spirolab	One Time Purchase	£2,800.00

Micromedical	Micro	One Time Purchase	£1,000.00
Micromedical	Microlab / Microlab Mk 8	One Time Purchase	£1,800.00
Ohmeda	Wrights	One Time Purchase	£200.00
Vitalograph	6300 Micro	One Time Purchase	£600.00
Vitalograph	6800	One Time Purchase	£1,100.00

6(ii) Device Software

The UHB does not hold this information.

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

6(iii) Device Maintenance

Manufacturer	Model	Payment Model e.g. One Time Purchase, Monthly Subscription / Other*	Unit Price Excl. VAT
Vitalograph	6800	Annual PPM Service Contact – On Site	£415.00
Vitalograph	6800	Annual PPM Service Contact – Return to Base	£295.00

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

However, this is dependent on the device; devices are serviced annually, but UHB's individual services also have calibration syringes to check the devices within their area, as needed.

No

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

The Freedom of Information Act 2000 (FoIA) covers any recorded information that is held by a public authority; recorded information includes printed documents, computer files, letters, emails, photographs, and sound or video recordings. The FoIA does not cover information on estimates, opinions or recommendations. The UHB has an obligation to provide information already in recorded form but cannot create new information to answer a question.

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?

Not applicable.

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's Respiratory service has a Service Delivery Manager, who can be contacted at the following hospital address and telephone number:

Glangwili General Hospital  
Dolgwili Road  
Carmarthen  
SA31 2AF

Telephone number: - 01267 235151