

Ref. No: 0940  
Date: 15/05/24  
Subject: Spirometry Medical Devices

## REQUEST

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?
  - a. If "No" then go to question 10.
  - b. 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.)
2. For the most recent year for which data is available; how many Spirometry medical devices did the Trust procure?
3. For the most recent year for which data is available; how many Spirometry patient tests did the Trust perform?
4. What is the Trust's preferred procurement channel for purchasing Spirometry medical devices?
5. What is the Trust's preferred payment model for Spirometry medical devices?
6. What are the individual unit costs of each Spirometry device by cost category (hardware / software / maintenance)?
7. Does the Trust undertake its own calibration of Spirometry medical devices or is this outsourced?
8. Would the Trust benefit from a Spirometry medical device that only requires calibration annually?

9. What are the biggest challenges that the Trust faces in providing Spirometry tests?
10. Is the Trust planning to expand spirometry services?
- a. 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?

## RESPONSE

St Helens and Knowsley Teaching Hospitals NHS Trust and Southport and Ormskirk Hospital NHS Trust became a single legal entity known as Mersey and West Lancashire Teaching Hospitals NHS Trust on 1<sup>st</sup> July 2023, as such parts of the response may be provided in two sections relating to the hospital sites of each of the legacy organisations.

**1. Does the Trust use Spirometry Medical Devices?**

Yes, please find information attached.

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

Please find information attached.

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

St Helens and Knowsley:

3,000

Southport and Ormskirk:

487

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

Supplier Direct and NHS Supply Chain.

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

One Time Purchase.

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

Please find information attached.

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

St Helens and Knowsley:

We perform in house daily calibration and verification on all our spirometry devices and the manufacturers perform a yearly service.

Southport and Ormskirk:

In-House Calibration.

**8. Would the Trust benefit from a Spirometry medical device that only requires calibration annually?**

St Helens and Knowsley:

No, equipment is temperature sensitive and may require re-calibration – can use verification. We do use pre-calibrated pneumotachographs which we perform verification on.

Southport and Ormskirk:

Yes

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

The Trust does not hold this information and is only required to disclose information it holds at the time of the request.

**10. Is the Trust planning to expand spirometry services?**

Yes

**a. If “Yes” what resources or support would be required to facilitate this expansion?**

More staff and equipment.

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

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