



Great Ormond Street Hospital for Children NHS Foundation Trust: Information for Families

Lung Function Lab: Exciting News!

New, improved growth charts for lung function

One of the lung function tests we do is called spirometry – it measures how well your lungs work.

As you grow, your lungs also get bigger... so we use lung growth charts to know what result to expect for someone of the same age and size.



Previously each hospital had their own favourite lung growth chart. This meant that your results could be different if you were tested at different hospitals.



What's New?

Doctors and scientists from all around the world have joined forces to create one lung growth chart that can be used for people aged from 3 to 95 years
ALL OVER THE WORLD.

What does this mean?

- If you look carefully, the actual amount of air you blow will not change but the results on your report may change slightly. This isn't something you should worry about – the new report will explain your results better.
- Your care team know about this change and these new results will help them to decide the best treatment for you.
- No matter which hospital you are tested in, your results will be assessed in the same way.

It is important to remember that for every person there is a range of results that is considered normal for your age and height. In future your report may look like this, with the arrows showing how your results compare with healthy children of the same age and height.

