

Lung Clearance Index Test

Information for parents and carers

What is a Lung Clearance Index Test?

Lung Clearance Index (or “LCI” for short) is a noninvasive lung function test that is performed during normal breathing. It is better at picking up early changes in the lungs than a spirometry test - the lung function test generally done in clinic.

What can I expect?

Over 6 years old: During the test your child will breathe normally while wearing a clip on their nose, each test can last up to several minutes.

Under 6 years old: During the test your child will breathe normally while wearing a mask over their nose and mouth, each test can last up to several minutes.

What do I need to do prior to the appointment?

There are no special requirements; however, we recommend your child has eaten i.e. breakfast/light lunch prior to attending.

How long does it take?

The appointment will last up to 1 hour.

Do I need to bring anything?

Please bring along a drink of water/juice as your mouth can sometimes become dry while doing the test.

Where do I go?

Respiratory Physiology is located within **OPD 9**, which is on the Ground Floor in the Main Outpatients Department at the Royal Hospital for Children and Young People.

If you are entering via the main entrance, Outpatients is to your left. Please check in at the Outpatients Reception Desk and sit in the waiting area outside OPD 9.

How do I get my results?

The results will be sent to your child’s consultant, who will contact you directly to discuss the results.

If you have any other questions or need to change your appointment, please telephone: 0131 312 1124.