

Services offered in the Pulmonary Function Lab

Full Pulmonary Function Test

Order this test to evaluate for airway obstruction or lung restriction. This test includes spirometry with and without a bronchodilator if there is evidence of obstruction and lung volumes (plethysmography) if the spirometry suggests lung restriction.

Pulmonary Stress Test (Exercise challenge)

Order this test to determine if the patient has exercise-induced bronchospasm. This test includes baseline spirometry and spirometry following an exercise challenge.

Methacholine Challenge

Order this test to determine if the patient has concern for asthma. Examples include chronic cough of unidentified etiology. This test includes baseline spirometry and spirometry following inhaled methacholine.

For a full list of all pulmonary function tests available as well as video demonstrations, go to:

http://www.cincinnatichildrens.org/svc/alpha/p/pulmonary/specialties/pft/spirometry.htm

Where are pulmonary function tests performed?

All tests are performed at the main campus.

Methacholine challenge, spirometry, and spirometry after bronchodilator will be available beginning Summer 2011 at the Liberty campus.

At what age can children perform pulmonary function tests?

Pulmonary function tests require coordination and cooperation. Data from our laboratory on children tested for the first time demonstrates *most school-age children are able to produce valid results*. The data showed approximately 80% of children 10 years of age and older produce valid results with their first attempt at testing.



How are tests ordered, scheduled and when do I receive results?

Order forms for PFT tests are located on the CCHMC website:

http://www.cincinnatichildrens.org/svc/alpha/p/physician/order-

forms.htm (diagnostic testing referral form)

Orders are faxed to (513) 803-1111 and scheduled through the call center at (513) 636-2601. The lab will fax interpreted results back within 1-2 business days. For any questions on ordering tests call:

William D. Hardie, MD: (513) 636-4485 Pulmonary Function Laboratory: (513) 636-8959