

PULMONARY FUNCTION TESTING REQUEST

Children's Hospital of Pittsburgh of UPMC
Third Floor, Purple Building
412-692-5452, Fax 412-692-6645

REQUEST FOR TESTING

Patient Name: _____ DOB: _____

CHP MR#: _____ Phone: _____

Diagnosis: _____

Pertinent History: _____

Medications: _____

Ordering Physician: _____ Date of Request: _____

Contact Phone: _____ Pager: _____

Contact Fax: _____ E-mail: _____

TEST REQUESTS

Please indicate tests requested and fax form to 412-692-6645.
Contact the PFT laboratory at 412-692-5452 for appointment
or any questions.

Pulmonary function testing according to laboratory protocol
(available upon request)

- Spirometry (measurement of airflow)
 - Pre-bronchodilator (~20 minutes)
 - Pre- & post-bronchodilator (~45 minutes)
 - Demonstration of MDI/VHC device; dispense bronchodilator MDI
- Plethysmography (measurement of lung volumes, ~15 minutes)
- Diffusing capacity (~20 minutes)
- Airway resistance (done with measurement of lung volumes)
- Airway resistance by impulse oscillometry (pre-/post-BD, ~30 minutes)
- Respiratory muscle strength (MIP & MEP, ~10 minutes)
- EtCO₂ (~5 minutes)
- Methacholine challenge (serial spirometry, ~2 hrs)
- Exhaled nitric oxide concentration (~15 min)

The following is a guideline for appropriate testing. Other specialized testing, including testing for infants, is available. Please contact the PFT lab with any questions.

Obstruction evaluation (~45 minutes)

Consider for: Asthma, CF, cough, BPD, shortness of breath

Suggested: Spirometry (pre/post); exhaled nitric oxide

Consider: Oscillometry

Restrictive evaluation (~60 minutes)

Consider for: Oncology, BMT, rheumatology, sickle cell disease, transplant

Suggested: Spirometry, lung volumes, diffusing capacity, MIP/MEP, SpO₂

Neuromuscular disease or chest wall restriction (~60 minutes)

Consider for: Muscular dystrophies/myopathies, scoliosis, pectus, prune belly
Suggested: Spirometry, lung volumes, MIP/MEP, SpO₂, EtCO₂

STAFF

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