



Dear Referring Provider,

Mission Children's Specialist's Pediatric Pulmonary department is now able to provide comprehensive pediatric pulmonary diagnostic lab services at the Reuter Children's Outpatient Center:

- Basic spirometry before and after bronchodilator administration.
- Detailed spirometry with lung volumes, airway resistance, and specific airway conductance.
- Diffusion Capacity – useful to follow lung function in patients with chronic lung disease.
- Formal cardiopulmonary exercise testing, with or without VO<sub>2</sub> max. This type of testing can help clarify exercise induced bronchoconstriction, VCD, and fitness related concerns.
- Metabolic testing to determine resting energy expenditure (REE), which can assist with nutritional management and weight loss.
- Coming Soon: forced oscillation which will allow us to be able to assess airway resistance in small (2-4 year old) children in an effort independent manner.

Interpretation for diagnostic lab services will be provided by Pediatric Pulmonologist Dr. Bruce Bacot, and will be faxed back to your office.

The Pediatric Pulmonary Diagnostic Lab is registered with the American Thoracic Society Pulmonary Function Laboratory Registry and follows guidelines for standardization of testing and quality control.

Please contact us with any questions at 828.213.9775