

EXPLANATION OF TESTS

- **Spirometry:** Measurement of FEV1 and FVC. Designed to identify obstruction and measure airway reversibility (asthma).
- **TLCO:** Measures the lungs ability to transfer oxygen from the alveoli into the pulmonary capillary blood. Varies with: Hb, thickness of alveolar-capillary membrane (fibrosis), surface area of the alveolar-capillary membrane (emphysema).
- **Lung Volumes** (Plethysmography): Measures lung size (eg: TLC) to confirm restriction or determine hyperinflation.

CONTRAINDICATIONS

- Abdominal, thoracic, neuro or ocular surgery in past 6/52
- Pneumothorax in past 6 weeks.
- Haemoptysis of unknown origin.
- Open pulmonary TB
- Unstable cardiovascular status.
- Thoracic, abdominal or cerebral aneurysm.
- Angiogram or Transbronchial biopsy in past 24 hours.
- Intercostal catheters in situ.
- Recent myocardial infarction or pulmonary embolus.

Please **STOP:**

- Ventolin, Airomir, Asmol, Bricanyl **at least 4 hours prior to test**, unless you really feel you need it.
- Atrovent, Serevent, Seretide, Oxis, Symbicort, Flutiform, Bretaris, Brimica **at least 12 hours prior.**
- Spiriva, Onbrez, Seebri, Spiolto, Ultibro, Anoro, Incruse, Breo, Singulair **at least 24 hours prior.**

You may continue: Flixotide, Qvar, Alvesco, Pulmicort.

No smoking for at least 6 hours prior to test.