



Spirometry

Measures lung volume changes during forced breathing maneuvers. Determines if obstruction or restriction is present, or disease progression. Used to evaluate long term drug therapy and pre-surgical evaluation. When done PRE/POST bronchodilator, determines reversibility of obstruction. Often completed with lung volumes.



Plethsmography Lung Volumes

Measures lung volumes and airway resistance, used to help determine severity of disease. Most accurate measurement of lung volumes, able to provide vital information during early stages of disease.



Diffusion Capacity DL_{co}

Diffusion capacity for carbon monoxide. Breathing maneuver that allows measurement of the rate of gas transfer from the lungs to the blood. Used to evaluate dyspnea and disease presence or progression. DL_{co} recommended for every COPD patient with dyspnea complaint greater than expected with known obstruction.



Maximal Pressures MIP/MEP

Measures respiratory muscle strength
Indications: Neuromuscular Diseases
Decreases in Vital Capacity (VC) or Maximal Voluntary Ventilation (MVV)



Exercise Oximetry 6 min Walk

Determines aerobic capacity or exercise tolerance in individuals with COPD, Pulmonary Hypertension, Interstitial Lung Disease and Heart Disease. Test is often used to determine oxygen necessity qualifications or to determine therapy progression.



Maximal Voluntary Ventilation MVV

Useful in testing for subjective dyspnea, exercise tolerance, neuromuscular disease processes and prognostic value in preoperative evaluation. Evaluates ventilatory muscle endurance.



Holter Monitor

Cardiac monitor which is worn for either 3-7 days or 8-14 days to record cardiac arrhythmias or events. Device is then returned and data is uploaded to provide physician and summary report.



Event Monitor

Live Cardiac Monitoring, device is worn for 14-30 days, daily reports are available in addition to summary report at end of service



Exercise Stress Test ETT Treadmill

Non-invasive Cardiac Stress testing completed on a treadmill at varying speeds and grades. Assists in evaluation of chest pain, coronary artery disease diagnosis, post-procedure assessment, exercise induced arrhythmias.



Electrocardiogram ECG or EKG

Recording of the hearts electrical activity.
Overread

- No Appointment Required-



Enhanced Recovery After Surgery ERAS

Prehabilitation instruction on incentive spirometry to assist in lung function preservation post surgery.

Outpatient Education provided upon request.



Arterial Blood Gas ABG

Arterial blood gas analysis provides pH, PaCO₂, HCO₃, PaO₂
Used to assess Respiratory, Circulatory and Metabolic Disorders

-No Appointment Required-