

Approach in the evaluation and management of patients with COPD

Complete PFT including, spirometry, lung volume and DLCO, airway resistance and lung compliance

Overnight oxygen oxymetry: to evaluate for oxygen requirement at night

6 minute walk test: to evaluate for oxygen requirement during ambulation/exercise

Including evaluation of genetic causes of COPD in the appropriate patient
Young patients with panlobular emphysema,

May require ECHO in selected patients to rule out pulmonary arterial hypertension

History and physical exam. Complete assessment, patient stratification, morbidity and mortality risk assessment



Individualized treatment plan

Non surgical approach

Plus

Surgical approach in the optimal candidate

Pharmacological therapy

Non-pharmacological adjunctive therapy

Pulmonary rehabilitation coming soon

Referral and follow up

Bronchodilator

Alpha 1 antitripsy replacement therapy

Energy conservation techniques

Smoking cessation

Oxygen therapy

Breathing exercise

Lung volume reduction surgery

Lung transplantation