Referral Guidelines for Lung and Heart-Lung Transplant Program at Baylor University Medical Center at Dallas

Thank you for your interest in referring your patients to the Lung Transplant Program at Baylor University Medical Center at Dallas. We appreciate your confidence and are always available to answer any questions or concerns.

The Lung Transplant Program is one component of the Advanced Lung Disease Program at Baylor Dallas. The guidelines listed provide a reference for the appropriate timing and indications for transplant referral.

**COPD/A1A Deficiency**
Guidelines for Referral:
- BODE index exceeding 5.

Guidelines for Transplantation:
- Patients with a BODE index of 7 or higher or at least 1 of the following:
  - History of hospitalizations for exacerbations associated with acute hypercapnia (Pco2 exceeding 50mm Hg).
  - Pulmonary hypertension or cor pulmonale, or both, despite oxygen therapy.

**Cystic Fibrosis and Other Causes of Bronchiectasis**
Guidelines for Referral:
- FEV1 less than 35% predicted in female patients and 30% in male patients.
- Persistent decline in FEV1 despite compliance with adequate therapy.
- Exacerbation of pulmonary disease requiring ICU stay.
- Increasing frequency of exacerbations despite appropriate antibiotic therapy.
- Refractory and/or recurrent pneumothorax.
- Recurrent hemoptysis not controlled by embolization and not responsive to standard therapy.

**Interstitial Lung Disease**
Guidelines for Referral:
- Histologic or radiographic evidence of Usual Interstitial Pneumonia (UIP) irrespective of vital capacity.
- Progressive decline in lung function.

Guidelines for Transplantation:
- Progressive decline in FVC.
- Diagnosis of Progressive IPF.
- Stage III (gender-age-physiology) Index.
- Diffusion capacity <40%.

**Pulmonary Arterial Hypertension**
Guidelines for Referral:
- NYHA functional class III or IV, irrespective of ongoing therapy.
- Rapidly progressive disease.

Guidelines for Transplantation:
- Persistent NYHA class III or IV on maximal medical therapy.
- Low (<350 meter) or declining 6 min. walk test.
- Cardiac index of less than 2.5 liters/min/m2.
- Right atrial pressure exceeding 15mm Hg.

(Continued on reverse side)
Sarcoidosis
Guidelines for Referral:
• NYHA functional class III or IV.

Guidelines for Transplantation:
• Impairment of exercise tolerance (NYHA functional class III or IV) and any of the following:
  • Hypoxemia at rest.
  • Pulmonary hypertension.
  • Elevated right arterial pressure exceeding 15mm Hg.

Lymphangioleiomyomatosis
Guidelines for Referral:
• NYHA functional class III or IV.

Guidelines for Transplantation:
• Severe impairment in lung function and exercise capacity (e.g., VO2 max <50% predicted).
  • Hypoxemia at rest.
  • Failure to respond to medical therapy.

Pulmonary Langerhans Cell Histiocytosis (Eosinophilic Granuloma)
Guidelines for Referral:
• NYHA functional class III or IV.

Guidelines for Transplantation:
• Severe impairment in lung function and exercise capacity.
  • Hypoxemia at rest.

Contraindications
• Active, persistent systemic infection.
• Active tobacco use (documented abstinence for 6 months is mandatory).
• Current drug or alcohol addiction.
• Lung cancer within 5 years.
• Malignancy within 5 years (lung, breast, kidney, colon).
• Significant chest wall/spinal deformity.
• Documented non-adherence or inability to follow through with medical therapy or office follow-up, or both.
• Untreatable psychiatric or psychologic condition associated with the inability to cooperate or comply with medical therapy.
• Absence of a consistent or reliable social support system.