## Appendix 1. List of diagnostic tests

Lung diffusion capacity Twenty-four-hour oesophageal pH probe

Arterial blood gas Lung volumes

Barium swallow Maximal inspiratory pressure (MIP) and maximal expiratory pressure (MEP)/ Basic chemistries

respiratory muscle strength Brain natriuretic peptide

Open lung biopsy Bronchial provocation test

Oxygen saturation using pulse oximetry Bronchoscopy

Polysomnography Cardiac catheterization

Response to disease specific therapy Cardiac magnetic resonance imaging (MRI)

Scintigraphy Cardiopulmonary exercise test

Serum haemoglobin Chest computed tomography (CT) scan

Sinus CT scan Chest X-ray Sinus X-ray CT angiogram Spirometry Echocardiogram/stress echocardiography

Thoracentesis Electrocardiogram (ECG) Thyroid function test/thyroid stimulating

hormone (TSH); free thyroxine (T4) Evaluation by psychiatrist Upper gastrointestinal (GI) endoscopy

Flow Volume Loop Ventilation/perfusion scan

Full blood count

Evaluation by cardiologist