

BASIC PATHOLOGIES

- Normal Heart
- Heart - Severe Biventricular Dysfunction
- Heart - Hyperdynamic LV Systolic Function
- Heart - Recent Apical MI with Pericardial Effusion

PACKAGE #1

- Dilated CMP - LVEF 15% - COPD
- LVEF 55%
- Left Pleural Effusion
- Anterior MI - COPD
- Normal Heart - COPD
- Severe Pericardial Effusion with Hemodynamic Compromise
- LV Apical Aneurysm with Thrombus
- AVR Bioprosthesis
- MVR and AVR Bileaflet Metallic Valve
- MVR Tilting Disk

PACKAGE #2

- Cardiac Arrest - Fine Ventricular Fibrillation
- Cardiac Arrest - Standstill
- Dilated CMP - LVEF 15%
- LVEF 55% - COPD
- Coarse Ventricular Fibrillation
- Pulmonary Hypertension - COPD
- Pulmonary Hypertension
- Aortic Infective Endocarditis
- Lateral MI - COPD
- Anterior MI

PATHOLOGIES' DEFINITIONS

- Normal Heart
 - No abnormalities
- Heart - Severe Biventricular Dysfunction (**Tutorial enabled**)
 - Recent heart attack in the tip of the left ventricle with fluid surrounding the heart
- Heart - Hyperdynamic LV Systolic Function (**Tutorial enabled**)
 - Heart is pumping with a greater than 70% function
- Heart - Recent Apical MI with Pericardial Effusion (**Tutorial enabled**)
 - Recent heart attack in the tip of the left ventricle with fluid surrounding the heart
- Dilated CMP - LVEF 15% - COPD
 - Dilated Cardiomyopathy—enlarged heart—with severely depressed function of the left Ventricle with Chronic Obstructive Pulmonary Disease
- LVEF 55%
 - Left ventricle ejection fraction of 55%
- Left Pleural Effusion
 - Excess fluid in the cavity that encases the lung on the left side of the body
- Anterior MI - COPD
 - Heart attack with damage to the anterior portion of the left ventricle—with Chronic Obstructive Pulmonary Disease (Lung disease)
- Normal Heart - COPD
 - No abnormalities of the heart-with Chronic Obstructive Pulmonary Disease
- Severe Pericardial Effusion with Hemodynamic Compromise
 - Large amount of fluid surrounding the heart causing the right atrium and partially the left atrium to collapse
- LV Apical Aneurysm with Thrombus
 - Misshapen area at the tip of the heart with a blood clot
- AVR Bioprosthesis
 - Aortic Valve Replacement with a valve from another human or an animal
- MVR and AVR Bileaflet Metallic Valve
 - Aortic Valve Replacement with a 2-leaflet metallic valve
- MVR Tilting Disk
 - Mitral Valve Replacement with a mechanical valve known as 'tilting disk'