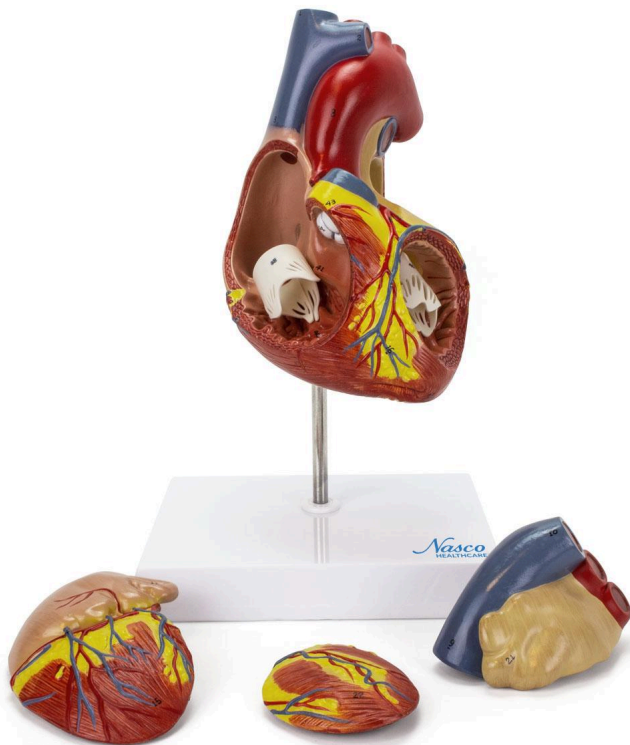
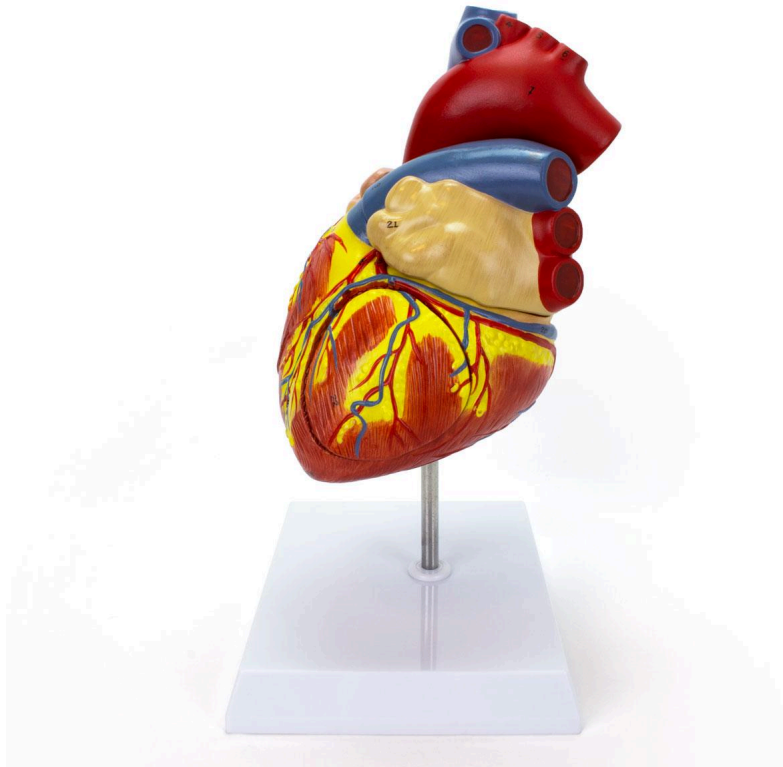




MG22271 | HUMAN HEART 2 TIMES ENLARGED, 4 PARTS

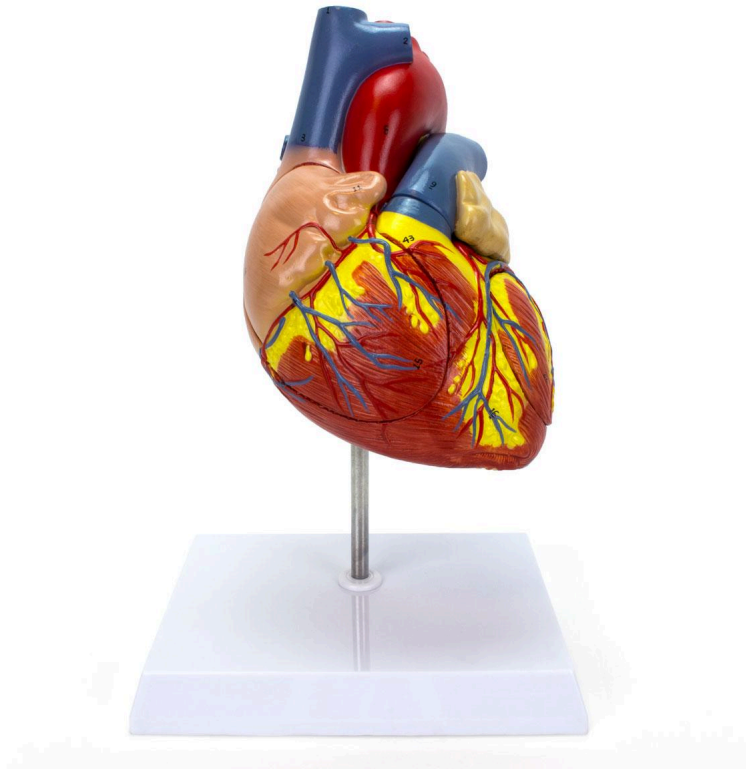


Nasco
HEALTHCARE



Nasco
HEALTHCARE





This anatomical model of the human heart, enlarged to 2 times its actual size, accurately depicts all its major structures. Its design allows for the removal of the right side for viewing the internal chambers and valves. Additionally, the atrium and the left ventricle wall can be removed to expose the atrium, the mitral valve, the ventricle, and the papillary muscles, providing a detailed view of the internal anatomy.

Applications:

Ideal for in-depth study of cardiac anatomy and physiology, making it a valuable tool for educational institutions, students, and healthcare professionals. Perfect for classroom demonstrations, anatomy labs, and continuing education programs, encouraging learning and comparative analysis.

Technical Differentiators:

Enlarged 2x representation for greater visual clarity and ease of structure identification. Modular design with removable parts, including the right portion of the heart and the left atrium/ventricle wall, facilitating exploration of internal structures and understanding of anatomical relationships. Manufactured with high-durability synthetic material for continuous use in educational and clinical environments.

3D Technology and Augmented Reality:

Our anatomical models offer an innovative visual complement through informational cards



that activate 3D models viewable in augmented reality (AR). This exclusive interactive platform stimulates learning, allowing for comparative analysis of anatomical structures and offering opportunities for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:

- * Scale: 2 times the actual size
- * Material: Durable synthetic
- * Features: Removable parts for internal viewing

Smart Tags:

Designed to provide comprehensive training in the healthcare field, with interactive simulations covering Heart exams. This solution assists in developing diagnostic skills in different clinical scenarios, allowing professionals and students to explore and improve their skills with greater safety and accuracy.

Heart sound recognition: Recognize 23 unique heart sounds with different patient postures and tools.

- Apex, Normal S1 S2, Supine, Bell
- Apex, Split S1, Supine, Bell
- Apex, S4, LLD, Bell
- Apex, Mid Systolic Click, Supine, Bell
- Apex, S3, LLD, Bell
- Apex, Early Systolic Murmur, Supine, Bell
- Apex, Mid Systolic Murmur, Supine, Bell
- Apex, Late Systolic Murmur, Supine, Bell
- Apex, Holosystolic Murmur, Supine, Bell
- Apex, Systolic Click & Late Systolic Murmur, LLD, Bell
- Apex, S4 & Mid Systolic Murmur, LLD, Bell
- Apex, S3 & Holosystolic Murmur, LLD, Bell
- Apex, OS & Diastolic Murmur, LLD, Bell
- Aortic, Normal S1 S2, Sitting, Bell
- Aortic, Systolic Murmur & Absent S2, Sitting, Bell
- Aortic, Early Diastolic Murmur, Sitting, Bell
- Aortic, Systolic & Diastolic Murmur, Sitting, Bell
- Pulmonary, Single S2, Supine, Diaphragm
- Pulmonary, Split S2 Persistent, Supine, Diaphragm
- Pulmonary, Split S2 Transient, Supine, Diaphragm
- Pulmonary, Ejection Systolic Murmur & Transient Split S2, Supine, Diaphragm
- Pulmonary, Split S2 & Ejection Systolic Murmur, Supine, Diaphragm
- Pulmonary, Ejection Systolic Murmur & Single S2 & Ejection Click, Supine, Diaphragm

Virtual Patient Monitor: Provides an immersive and realistic training environment for healthcare students. It allows instructors to customize parameters for various vital signs,



empowering students to interpret signals, develop critical thinking, and enhance their clinical reasoning skills through realistic scenarios.

Customizable Vital Signs

- Blood Pressure
- SpO2
- Heart Rate

ECG Interpretation: Train on 18 diverse ECG scenarios, including: Atrial Fibrillation, Ventricular Tachycardia and Heart Blocks. The monitor also simulates synchronized pulses with ECG for truly realistic cardiology training.

ECG Patterns

- Sinus Rhythm
- Atrial Extrasystole
- Atrial Flutter
- Atrial Fibrillation
- Paroxysmal Supraventricular Tachycardia (PSVT)
- Ventricular Extrasystole
- Ventricular Tachycardia (VT)
- Ventricular Fibrillation (VF)
- First-Degree Atrioventricular Block (AVB)
- Second-Degree Atrioventricular Block
- Third-Degree Atrioventricular Block (Complete Block)
- Long QT Syndrome
- ST Segment Elevation
- ST Segment Depression
- T Wave Inversion
- Left Ventricular Hypertrophy (LVH)
- Right Ventricular Hypertrophy (RVH)
- Wolff-Parkinson-White Syndrome (WPW)

Breathing Patterns

- Normal
- Dyspnea
- Apnea
- Cheyne-Stokes
- Biot
- Kussmaul

About Anatomical Models:

They are developed with resin replication technology, addressing the scarcity of natural



anatomical specimens for teaching and research. They present all the essential morphological characteristics with excellent cost-benefit, resistance, manual painting, and numbering for precise identification of structures.

List of all visible structures:

- Arterial cone (infundibulum)
- Anterior interventricular branch (left anterior descending)
- Left atrium
- Pulmonary trunk
- Right coronary artery
- Right atrium
- Ascending aorta
- Left pulmonary artery
- Aortic arch
- Brachiocephalic trunk
- Left subclavian artery
- Left common carotid artery
- Left brachiocephalic vein
- Right brachiocephalic vein
- Circumflex branch of the left coronary artery
- Left ventricle
- Right ventricle
- Anterior interventricular sulcus
- Cardiac apex
- Right atrium
- Anterior cardiac veins
- Left inferior pulmonary vein
- Left superior pulmonary vein
- Left atrium
- Coronary sinus
- Inferior vena cava
- Right inferior pulmonary vein
- Right superior pulmonary vein
- Right pulmonary artery
- Azygos vein
- Superior vena cava