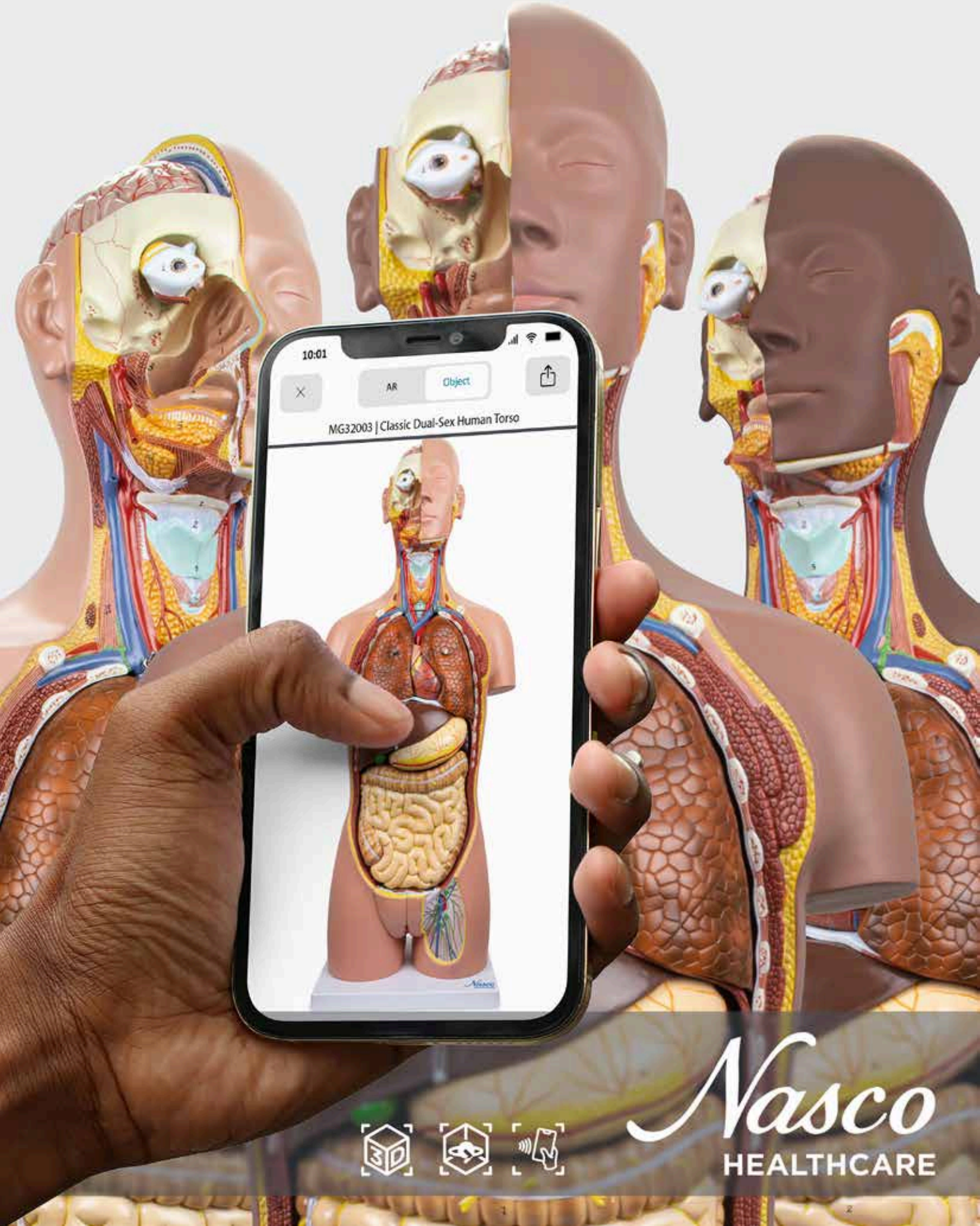
anatomical models



Nasco
HEALTHCARE

4NATOMY TECHNOLOGY

ACTIVE AND IMMERSIVE LEARNING

INTERACTIVE 3D MODELS

Each physical anatomical modelis pairedwith a corresponding 3D digital replica, offering full interactivity for detailed anatomical exploration. Users can rotate, zoom, isolate, and virtually disassemble individual structures to analyze their spatial relationships with precision. Integrated AI-powered explanations support autonomous study by providing contextual information and guided insights into each anatomical region.

AUGMENTED REALITY

Visualize life-size anatomical models directly in your physical environment using augmented reality (AR) through your own mobile device. This technology allows users to examine anatomical structures in 360°, with spatial precision, as if the model were present in the room. The use of smartphones or tablets ensures fast, accessible interaction with detailed anatomical content, enhancing learning without the need for specialized equipment.

EXCLUSIVE SMART TAG INTERACTION

Access clinical auscultation sounds, extended anatomical data, and interactive features through the 4natomy app, fully integrated with our anatomical models. In addition to simulated heart, lung, and bowel sounds triggered directly from corresponding anatomical regions, users can engage with a virtual monitor to create dynamic scenarios involving blood pressure, pulses, cardiac rhythms, as well as interactive ear and eye examinations. These immersive functionalities enhance realism and provide a comprehensive, hands-on learning experience for clinical training.

Download the 4natomy App

Scan the QR code to explore an interactive learning experience!



Diversity of Skin Tones

Our anatomical models are available in light, medium, and dark skin tones. This diversity more accurately reflects human variation and provides a more inclusive and realistic learning experience.

For models that offer different skin tone options, you'll find small colored circles next to the product name, indicating the available versions. This visual cue makes it quick and easy to identify and select your preferred tone.

We believe representation matters — and that's why we value diversity in every detail of our products.

- Light
- Medium
- Dark

Model Descriptions

Each model is accompanied by a detailed identification card, printed in English, which lists all anatomical structures featured in the piece. The information is presented clearly and didactically to facilitate effective learning. The card is printed on coated, laminated paper to ensure enhanced durability and longevity in educational settings. Additionally, each card includes a unique QR code that provides direct access to the model's interactive 3D digital version, delivering a comprehensive and immersive learning experience.





- Resin approved in toxicological tests
- High quality natural molding
- Made of stable and unbreakable synthetic material
- Original replicas
- Numbered and hand painted
- Includes information card with related structures

Circulatory System

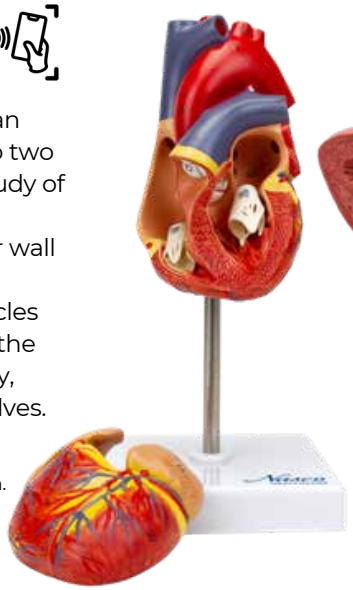
heart and blood vessels

CLASSIC HEART MODEL, 2 PARTS

Technologies available

Life-size adult human heart, dissected into two parts for detailed study of the cardiovascular system. The anterior wall can be removed, revealing the ventricles and atria, as well as the tricuspid, pulmonary, mitral, and aortic valves.

SKU: MG22278
Model size: 4.3 x 4.3 x 7.1 in.
Model weight: 1.1 lbs.



CLASSIC HEART MODEL WITH CORONARY BYPASS, 2 PARTS

Technologies available

This anatomical heart model presents a detailed representation of cardiac anatomy, including three saphenous vein grafts, demonstrating venous bypass to the right coronary artery, the anterior interventricular descending artery, and the circumflex branch of the left coronary artery.
The anterior wall is removable, allowing visualization of the internal chambers and valves of the organ.

SKU: MG22275
Model size: 4.3 x 4.3 x 9.8 in.
Model weight: 1.1 lbs.







CLASSIC HEART MODEL WITH VENTRICULAR HYPERTROPHY, 2 PARTS

This anatomical model represents a human heart with ventricular hypertrophy, showing in detail the thickening of the myocardium and muscle fibers of the left ventricle, a characteristic of this pathological condition frequently associated with chronic hypertension. The model is dissected into two parts, allowing detailed observation of the internal structures and understanding of the cardiac anatomy affected by hypertrophy.

SKU: MG22274
Model size: 4.7 x 4.7 x 9.8 in.
Model weight: 1.1 lbs.

Technologies available



HEART WITH CROSS SECTION OF ARTERIOSCLEROSIS MODEL, 2 PARTS

Technologies available

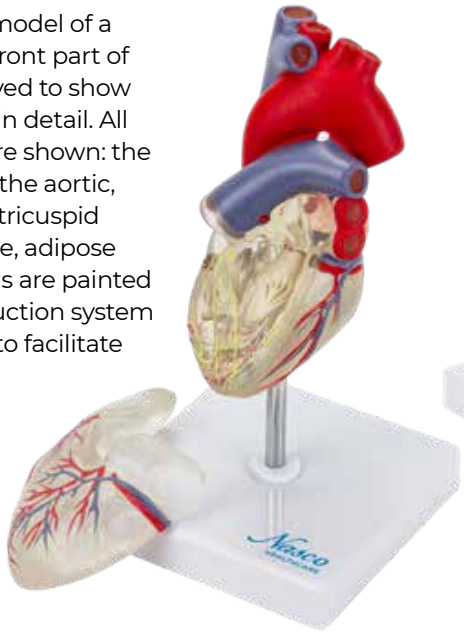
SKU: MG35530
Model size: 7.1 x 5.5 x 9.1 in.
Model weight: 2.2 lbs.

Life-size model of the heart, divided into two parts, demonstrating the four stages of arteriosclerosis. Shows the normal morphology of the heart, veins, and valves, highlighting the left and right ventricular walls and the section along the arterial pulse, removable for better visualization. The model includes detailed representations of the different stages of arteriosclerosis, allowing for an understanding of the disease's development.

TRANSPARENT HEART WITH CONDUCTIVE SYSTEM MODEL, 2 PARTS

Technologies available

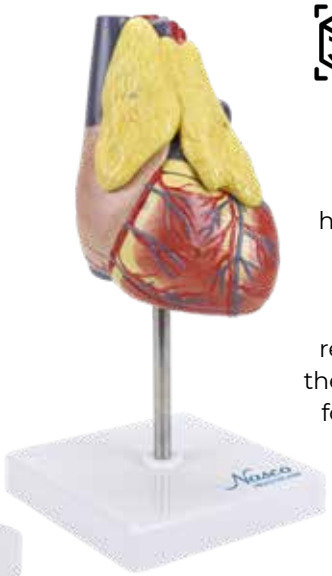
A life-size transparent model of a human heart and the front part of the heart can be removed to show the internal structures in detail. All important structures are shown: the ventricles, the atriums, the aortic, mitral, pulmonary and tricuspid valves. The heart muscle, adipose tissue, arteries and veins are painted in detail, and the conduction system is demarcated in color to facilitate learning.



SKU: MG7330
Model size: 3.2 x 3.2 x 5.5 in.
Model weight: 1.1 lbs.

CLASSIC HEART MODEL WITH THYMUS, 3 PARTS

Technologies available



Three-part anatomical model of the heart with thymus representing the human heart anatomy and its association with the thymus gland in life-size. The model allows for the removal of the thymus and the anterior of the heart wall for detailed examination of the internal structurres, including atria, ventricles, valves, and papillary muscles.

SKU: MG22277
Model size: 4.3 x 4.3 x 8.1 in.
Model weight: 1.1 lbs.

HEART MODEL WITH ESOPHAGUS AND TRACHEA MODEL, 6 PARTS

Technologies available



A life-size model made up of 6 parts, including a 2-part heart that provides an interior view of the chambers and valves. The sternum and thymus are removable to reveal the pericardial sac and large pulmonary vessels and systemic circulation. The trachea and esophagus are shown entering the mediastinum through the upper opening of the thorax; the lower thoracic opening is delimited from the diaphragm musculature.

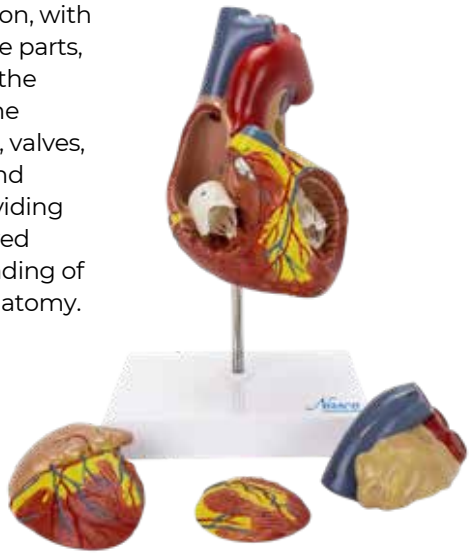
SKU: MG22273
Model size: 15.8 x 10.2 x 12.2 in.
Model weight: 4.4 lbs.

HEART MODEL, 2X ENLARGED, 4 PARTS

Technologies available

SKU: MG22271
Model size: 4.3 x 4.3 x 6.7 in.
Model weight: 1.1 lbs.

A two times life-size model that describes all the main structures of the human heart in detail. The right part is detachable, to expose the inner chambers and valves. The atrium and wall of the left ventricle can be removed to reveal the atrium, mitral valve, ventricle, and papillary muscles. Its four-part construction, with detachable parts, facilitates the study of the chambers, valves, arteries, and veins, providing an improved understanding of cardiac anatomy.



CIRCULATORY SYSTEM MODEL, HALF life-size

Technologies available

A detailed and colorful representation, half life-size, of the human circulatory system, including the heart (in two parts), lungs, liver, spleen, kidneys, and major arteries and veins. Highlights the interconnection between the pulmonary system and systemic circulation, aiding in the understanding of nutrient and oxygen transport throughout the body.

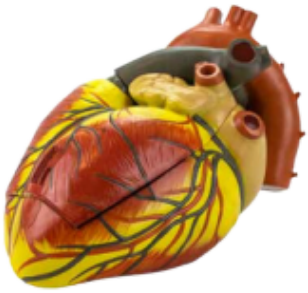
SKU: MG31304
Model size: 35.4 x 12.6 x 4.5 in.
Model weight: 5.5 lbs.



HEART MODEL, 3X ENLARGED, 3 PARTS

Technologies available

A three-part model and three times life-size is sectioned along the anterior plane to show the internal structure, including the heart valves and the comparative morphology of the right and left ventricles. The right atrium is also removable.



SKU: MG22272
Model size: 9.8 x 9.5 x 11.4 in.
Model weight: 7.7 lbs.

BLOOD CELL MODEL, 2,000X ENLARGED

Technologies available

SKU: MG21702
Model size: 20.9 x 15 x 3 in.
Model weight: 2.2 lbs.

A detailed and enlarged model, mounted on a base, representing the various types of blood cells, including red blood cells, white blood cells (lymphocytes, monocytes, neutrophils, eosinophils, and basophils), and platelets. The piece is numbered and hand-painted, facilitating the identification of structures.





MICRO-ANATOMY OF ARTERY & VEINS MODEL, 20X ENLARGED

SKU: MG23165
Model size: 7.9 x 11.8 x 10.6 in.
Model weight: 2.2 lbs.

Technologies available

One-piece model of an artery and two veins, magnified 20 times, representing in detail the internal structures of an artery and two veins. A vein in longitudinal section to show the closed and open venous valves; The artery (in the center) and the vein (on the right) are sectioned so the different layers, such as the middle layer, elastic membrane and adventitia, can be easily recognized.

ARTERIOSCLEROSIS & THROMBOSIS WITH ARTERY CROSS SECTION MODEL

Technologies available

SKU: MG29729
Model size: 6.5 x 5.1 x 6.7 in.
Model weight: 1.1 lbs.

A model that shows arteriosclerosis as a more common disease in developed countries. This pathology, characterized by thickening of the arterial walls, with subsequent loss of elasticity, is associated with the formation of plaques (mainly cholesterol) in the arterial lumen. Model 10 times the natural size with a cross section of the artery that shows the atheroma plaque in the different pathological phases together with local intravascular coagulation (thrombosis), due to arterial narrowing.



ARTERIOSCLEROSIS MODEL, 4 STAGES

Technologies available

Four-stage cross section of an artery, demonstrating atherosclerosis in which the narrowing of the artery is due to the accumulation of fatty tissue (cholesterol) and plaque. Four stages: normal artery, fatty streak, fibrous plaque and blockage. The stages cause decreased blood flow, which can lead to a clot or thrombus.

SKU: MG35513
Model size: 3.9 x 3.9 x 5.9 in.
Model weight: 1.1 lbs.

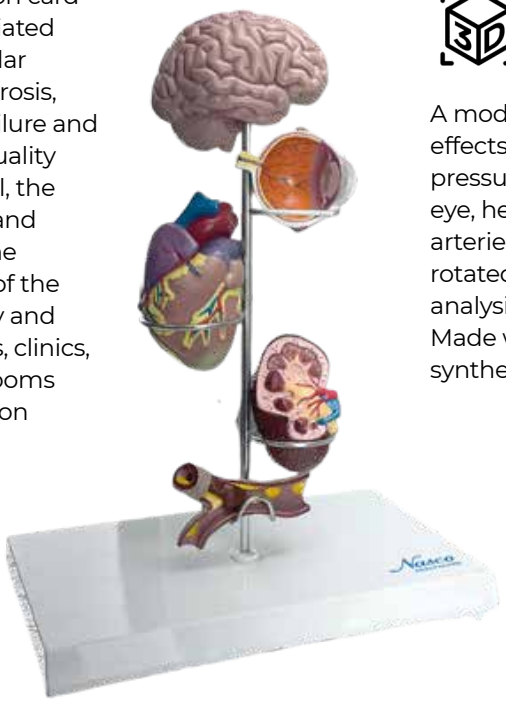


ARTERIAL HYPERTENSION MODEL

Technologies available

Miniature models of the brain, eye, heart, kidney and arteries. This set of hypertension models is manually colored to show the areas affected by hypertension in detail. The information card illustrates effects associated with hypertension: ocular pathologies, arteriosclerosis, arterial plaque, renal failure and stroke. Made of high-quality durable plastic material, the model shows in detail and allows a clear view of the anatomical structures of the brain, eye, heart, kidney and arteries, ideal for offices, clinics, exam rooms, waiting rooms and for patient education

SKU: MG29749
Model size: 11 x 6.5 x 5 in.
Model weight: 2.3 lbs.



EFFECTS OF ARTERIAL HYPERTENSION MODEL, 5 PARTS

Technologies available

A model that shows the effects of high blood pressure on the brain, eye, heart, kidney and arteries. Organs can be rotated for a detailed analysis of pathologies. Made with high quality synthetic material.

SKU: MG22747
Model size: 5.1 x 5.1 x 13 in.
Model weight: 1.1 lbs.

