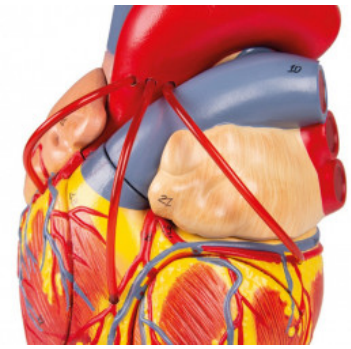
Human heart, 2 time life size, 2 parts

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MA01080



Anatomical model of the human heart doubled life size. Made of durable, unbreakable plastic. Possibility to remove it from the base.

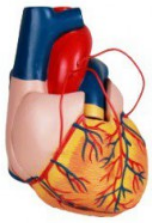
The front heart wall is removable and shows ventricles, atriums, aortic, mitral, pulmonary and tricuspid valves. In this model the heart muscles cross section and the coronary vessels are perfectly visible. Heart muscle, fatty tissue, arteries and veins are painted in detail; the structures are shown on the educational card (German/English). The model is made of unbreakable plastic and removable from the stand. **Dimensions:**

- Size: 11 x 11 x 18 cm,
- weight: 1.2 kg

Heart with bypass

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MA01082

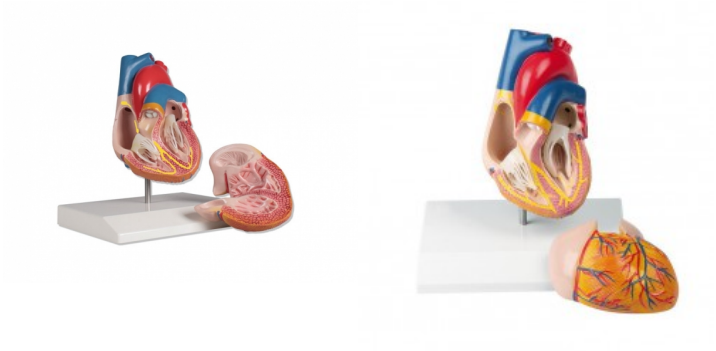


This life-size two-part model provides an extremely detailed illustration of the anatomy of the human heart with three coronary bypasses. The anterior wall can be detached to expose the inner chamber and valves. Mounted on stand.
Size: 8 x 8 x 14 cm, weight: 0.4 kg

Heart model, 2 part, with conducting system

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MA01081



The front heart wall can be removed to show the inner structures in detail. All important structures are present such as ventricles, atriums, aortic, mitral, pulmonary and tricuspid valves. Heart muscle, fatty tissue, arteries and veins are painted in detail, the conducting system is marked in color. The model is made of unbreakable plastic and removable from the stand.
Size: 8 x 8 x 14 cm , weight: 0.4 kg

Human heart model, 2 parts, life size

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MA02389

The front heart wall can be removed to show the inner structures in detail. All important structures are present such as ventricles, atriums, aortic, mitral, pulmonary and tricuspid valves. Heart muscle, fatty tissue, arteries and veins are painted in detail; the structures are shown on the educational card (German/English). The model is made of unbreakable plastic and removable from the stand.
Size: 8 x 8 x 14 cm, weight: 0.4 kg

Heart internal structures

Price inquiry: +48 605999769, kontakt@openmedis.pl

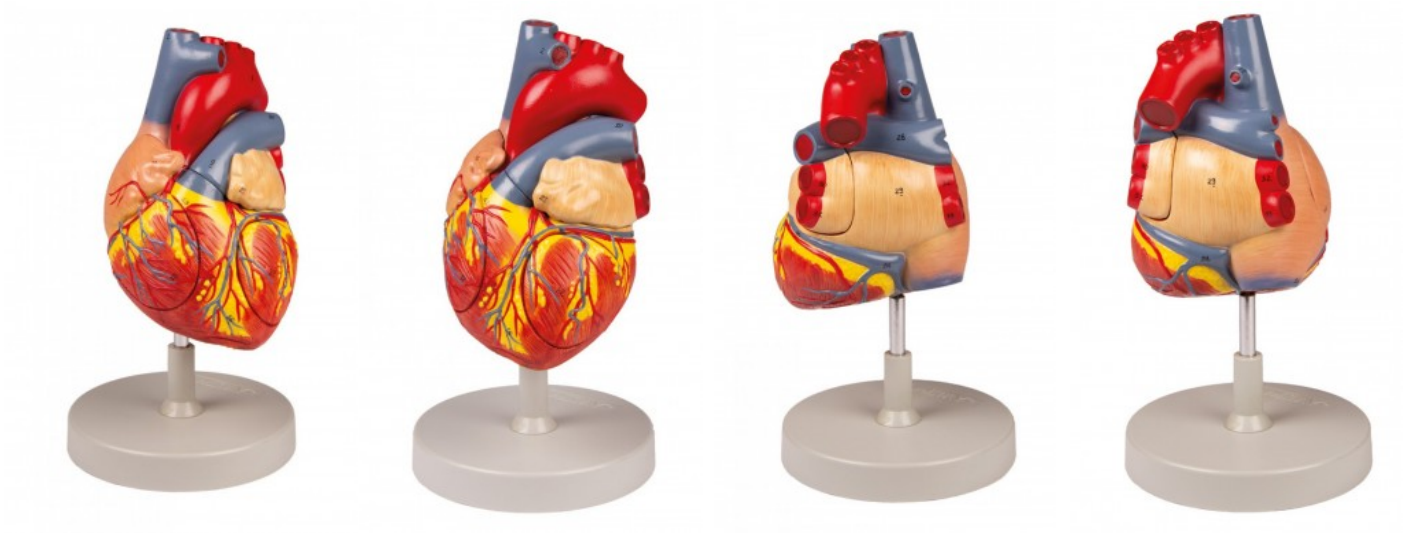
Product code: MA01276

This heart model has been dissected to display the internal structures of the chambers. At the base of the heart the termination of the superior vena cava is preserved entering the right atrium. Part of the inferior vena cava is also preserved on the inferior aspect of the right atrium; however, most of the vessel lumen and much of the anterior wall has been removed to expose the pectinate muscles of the right auricle and the fossa ovalis (which is nearly translucent in the 3D print). The anterior wall of the right ventricle has also been removed to expose the right atrioventricular valve and its three cusps (anterior, posterior, and septal), including the chordae tendineae connecting them to respective papillary muscles projecting from trabeculae carneae (including a septomarginal trabecula entering the anterior papillary muscle from the interventricular septum). The smooth wall of the conus arteriosus is also exposed leading to the pulmonary semilunar valve (left, right, and anterior cusps) at the base of the pulmonary trunk. Preserved and encircling the right atrioventricular valve is the right coronary artery, ultimately passing to the posterior aspect and the origin of the posterior interventricular artery and atrioventricular nodal artery. On the posterior side of heart the terminations of the pulmonary veins are visible entering the opened left atrium. Just anterior to the depression of the fossa ovalis in the interatrial septum the left atrioventricular valve with its two cusps (anterior and posterior) is preserved, along with the associated chordae tendineae and papillary muscles in the ventricle. The walls of the opened left ventricle preserve well-developed trabeculae carneae. At the apex of the ventricle the aortic semilunar valve (with left, right, and posterior cusps preserved) can be seen at the base of the sectioned aorta alongside the origin of both coronary arteries. The left coronary artery in this specimen is very short, giving rise almost immediately from its origin to the left anterior descending artery, the diagonal artery, the ramus intermedius, and the circumflex branch. The latter branch passes between the left atrium and ventricle adjacent to the opened coronary sinus leading to the right atrium. The left anterior descending branch penetrates the myocardium in this individual and travels through the tissue, only emerging superficially to become visible again near the apex.

Heart model, 2x enlarged, 4 parts

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MA02584



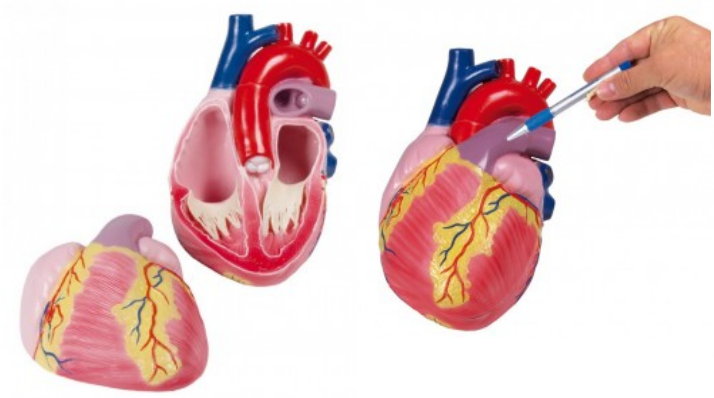
This model shows in great detail all the essential structures of the human heart. The right half is removable and shows the inner chambers and valves of the heart. The left ventricle and the ear of the heart strengthen and expose the atrium, mitral valve and muscles.

Size: 15 x 13 x 24 cm, **weight:** 0.7 kg

Three times enlarged heart model, 2 parts - Augmented Anatomy

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MA02648



This life-size model is perfect for use in group activities. It can be disassembled in the frontal plane to see the internal structures.

Size: 28 x 19 x 26 cm, weight: approx. 2 kg **Extended anatomy app** Learning is now even easier and more efficient with the new Augmented Anatomy app in conjunction with this high-quality anatomical model! This application automatically recognizes our anatomical models and displays the nomenclature in augmented reality. As an OpenMedis client, you can use it completely free of charge and for an unlimited period of time. - High-quality augmented reality learning app - Free and without registration - Nomenclature available anytime, anywhere - Additional online links in the educational encyclopedia Our extended anatomy app works on all popular smartphones and tablets.