

Heart model, life size, 2 parts

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.

Ref.no. G210

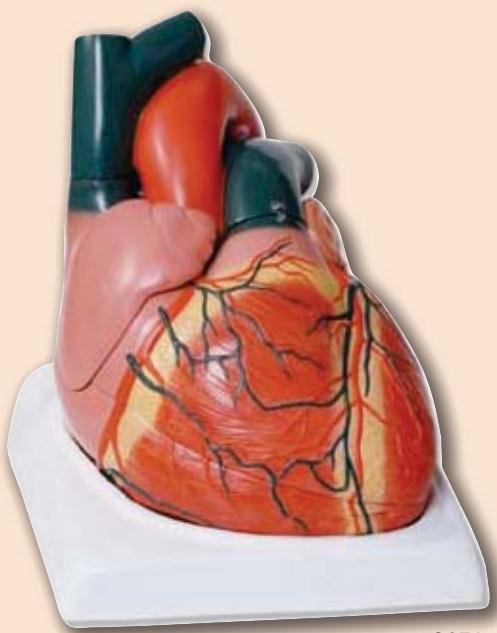


Human heart, 2x life size, 4 parts

The 2x life size model describes all the main structures of the human heart in great detail. The right part is detachable to expose the inner chambers and valves. The left auricle and ventricle wall can be removed to show the atrium, the mitral valve, the ventricle and papillary muscles.

Size: 15 x 13 x 24 cm, Weight: 0.7 kg

Ref.no. G112



G251

Giant heart, 4 parts

This 4-part model is 3X life size. It is sectioned along the anterior plane to show internal structures, including the cardiac valves and the comparative morphology of the right and left ventricles. The right atrium is also removable. Mounted on base.

Size : 24 x 25 x 28 cm

Weight: approx. 2.9 kg

Ref.no. G251



G108

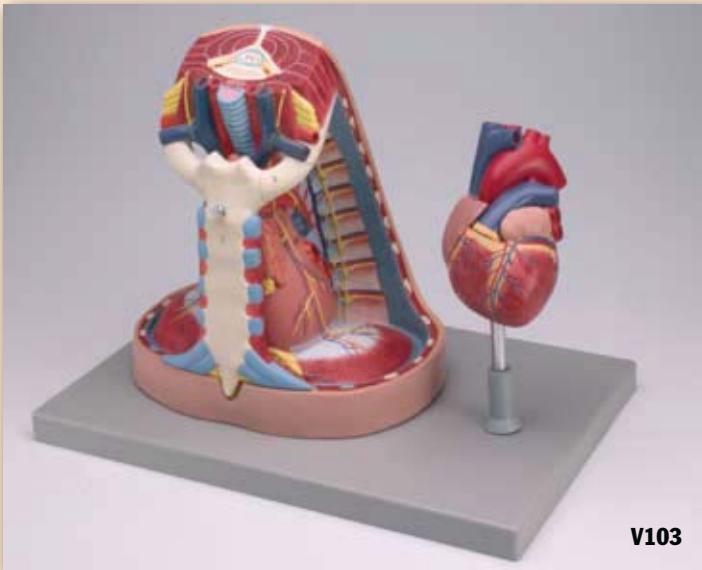
Heart with thymus

This three-part natural size model shows the anatomy of the human heart associated with the thymus gland. The thymus and the anterior heart wall can be removed for closer examination of the inner heart structures such as the left and right atria and ventricles, valves and papillary muscles. Mounted on stand.

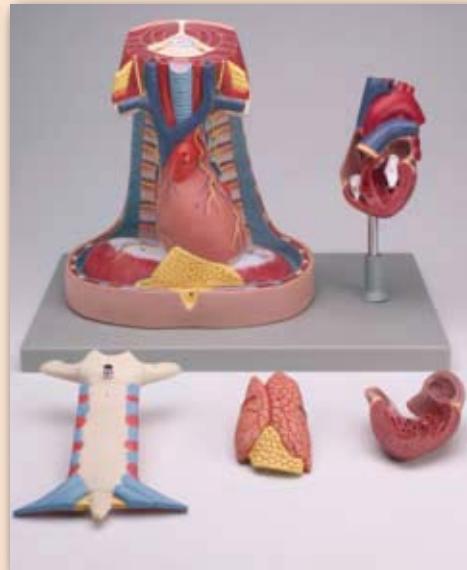
Size:11 x 11 x 22 cm, Weight: 0,25 kg

Ref.no. G108





V103



Mediastinum

This life size model is composed of 5 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 the major pulmonary and systematic vessels. The trachea and esophagus are shown entering the mediastinum through the superior thoracic aperture; the inferior thoracic aperture is delimited from the diaphragm musculature. Mounted on base

Size: 40 x 26 x 30 cm, Weight: approx. 2.3 kg

Ref.no. V103



G104

Heart Hypertrophy

This life size model shows the compensatory hypertrophy heart disease. This pathology is characterized by the myocardium thickening of the muscular fibres of the left ventricle. Hypertrophy heart disease is the complication of a chronic hypertension. The model is divided in 2 parts and mounted on stand.

Size: 11 x 11 x 22 cm

Weight: 0.3 kg

Ref.no. G104



New

Heart with bypass

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: 11 x 11 x 25 cm

Weight: 0,25 kg

Ref.no. G105



G70

Heart Diseases Model

Normal heart anatomy; myocardial infarction heart demonstrating a partially healed, thinned, and discolored infarcted area. Including a thrombus in the apex of the heart; and a heart demonstrating congestive heart failure as a result of hypertension. The left ventricle hypertrophy and the correspondingly enlarged and distorted shape of the heart is shown both internally and externally. All models are approximately 50% actual size.

Sizes: approx. 10 x 6 x 6 cm

Weight: 0.8 kg

Ref.no. G70



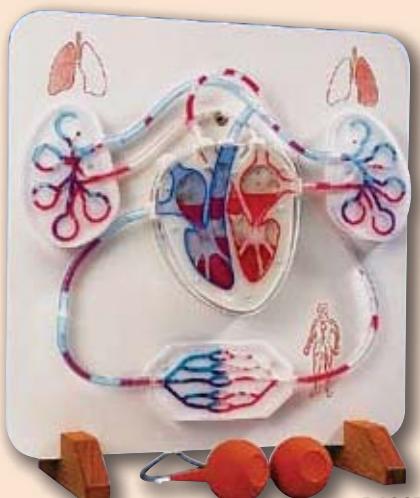
Human blood cells

Enlarged 2000 times, this model shows the various types of blood cells, including red blood cells; white blood cells (lymphocytes, monocytes, neutrophils, eosinophils and basophils); and blood platelets. Mounted on board.

Size: 53 x 38 x 6.5 cm

Weight: approx. 2.7 kg

Ref.no. G165



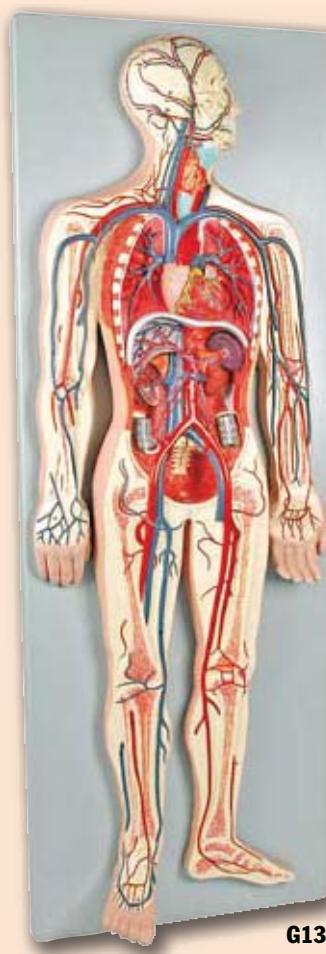
R10075

Functional Heart and Circulatory System

This amazing working model will bring your lecture to life! A complete schematic model of the human circulatory system with "blood" (coloured water) that flows through transparent veins, arteries, capillaries and heart chambers. This model's special design portrays venous blood, a deep reddish purple and arterial blood, a bright red to give visual reinforcement to the oxygenation and deoxygenation of haemoglobin as it travels the body's vascular network. Mounted on a baseboard with support legs and supplied with teacher's guide, red dye and syringe for refilling the system.

Size: 36 x 16 x 38 cm

Ref.no. R10075



G130

Human Circulatory System, $\frac{1}{2}$ natural size, 2 parts

The model represents a general view of the human circulation. It includes the heart (2 parts), lungs, liver, spleen, kidneys and relevant connections with the pulmonary and systemic circulatory pathways. Mounted on a board.

Size: 32 x 90 x 12 cm

Weight: 4.2 kg

Ref.no. G130

Effects of Hypertension, 5 Parts

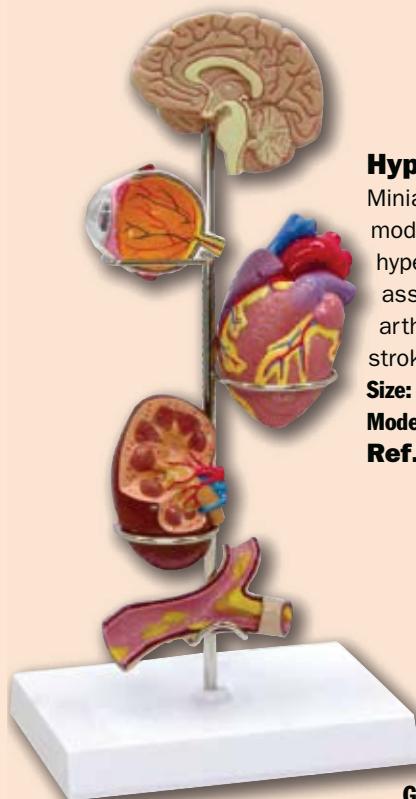
This model shows the effects of hypertension on brain, eye, heart, kidney and artery. The organs can be rotated for a detailed examination. Mounted on stand.

Size: 16.6 x 12 x 36 cm, **Weight:** 0.5 kg

Ref.no. G137



G137



G37

Hypertension Model Set

Miniature brain, eye, heart, kidney and artery models to explain the organ damage caused by hypertension. A key card describes the effects associated with hypertension: glaucoma, arthritis, arterial plaque, kidney failure and stroke.

Size: approx. 35 cm

Models approx. $\frac{1}{2}$ life size.

Ref.no. G37



G65

Artery Model, 4 sections

4-stage cross-section of an artery demonstrating atherosclerosis in which the narrowing of the artery is due to a build up of fatty tissue (cholesterol) and plaque.

4-stages:

- normal artery
- fatty streak
- fibrous plaque
- blockage

The stages cause a decrease in blood flow, which can lead to a blood clot or thrombus.

All stages rotate on hinge pin.

Diameter: 3.5 cm, Size: 9 cm

Weight: 0.1 kg

Ref.no. G65



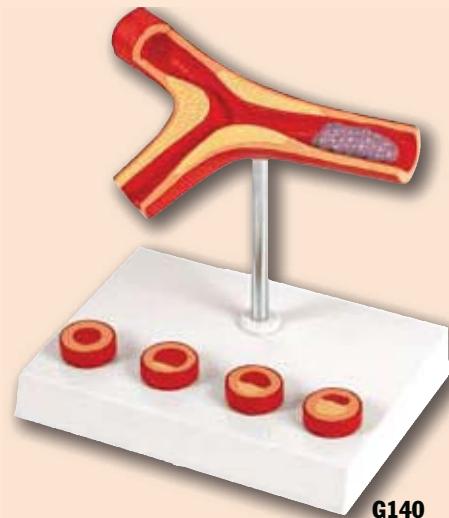
G60

Arteriosclerosis-Model, 1-part

Enlarged Artery fork with cut-away to show gradual build up of cholesterol deposits.

Size: 16.5 x 4 x 10 cm

Ref.no. G60



G140

Atherosclerosis and Thrombosis Model

Atherosclerosis is the most common acquired disease of arteries in developed countries. This pathology, characterized by thickening of the arterial walls with subsequent loss of elasticity, is associated with the build-up of plaque (mainly cholesterol) in the arterial lumen. This model, approximately 10X life size, shows the atheromatous plaque in various pathological stages along with local intravascular clotting (thrombosis) due to the arterial narrowing. Mounted on stand.

Size: 16.5 x 13 x 15 cm

Weight: 0.3 kg

Ref.no. G140



G240



G241

Artery with 4 artery sections

Longitudinal section of an artery with constriction caused by plaque adsorption. Four cross sections on the base show step-by-step build-up of plaque at the artery wall.

Size: 14 x 18 x 13 cm

Weight: 420 g

Ref.no. G240

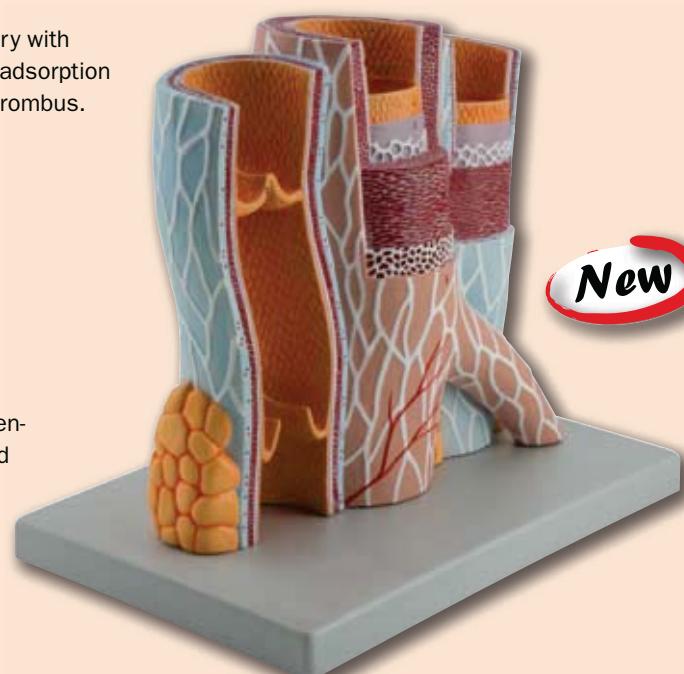
Artery model

Longitudinal section of an artery with constriction caused by plaque adsorption and a blockage caused by a thrombus.

Size: 10 x 4 x 4 m

Weight: 120 g

Ref.no. G241



Artery and Vein Model, 20x life size

An important support for understanding the difference between artery and vein histology. In this single-piece model one artery and two veins are represented in great detail. One vein is longitudinally sectioned to show the closed and open venous valves; the artery and the right vein are cross-sectioned so the different layers, such as tunica media, elastic membrane and tunica adventitia, can be easily recognized. Mounted on base.

Size: 20 x 30 x 27 cm

Weight: 0,8 kg

Ref.no. G142