

# anatomical models



*Nasco*  
HEALTHCARE

# Be READY

Nasco Healthcare started from humble beginnings in 1941 with a single product. Today, we have **the largest range of medical simulation products in the world**, but our original mission remains true.

That mission is to prepare frontline healthcare workers, military medics and emergency/rescue personnel to **Be READY**. Ready to deliver optimal patient outcomes and save lives whenever and wherever they are called. Our vision is to create a world with better patient outcomes and fewer lives lost.

We want to do our part to ensure that our everyday heroes have the proper training to be at their best the moment they're called upon. This means offering manikins that realistically simulate clinical, emergency/rescue, and trauma scenarios. Whether it's neonatal care, CPR training, or a fireman drag, our products prepare our heroes for critical, in-the-moment decisions.

We're proud to stand behind products that are designed in the USA to ISO9001 and backed by an up to 5-year warranty.

We invite you to explore our catalog that's full of advanced simulation, emergency, rescue and nursing training solutions. We are committed to bringing you innovative products across all fidelity levels.

Nasco Healthcare wants to be your partner so you can **Be READY**.

Sincerely,

**The Nasco Healthcare Team**



# 4NATOMY TECHNOLOGY

## ACTIVE AND IMMERSIVE LEARNING



### INTERACTIVE 3D MODELS

Each physical anatomical model is paired with 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.

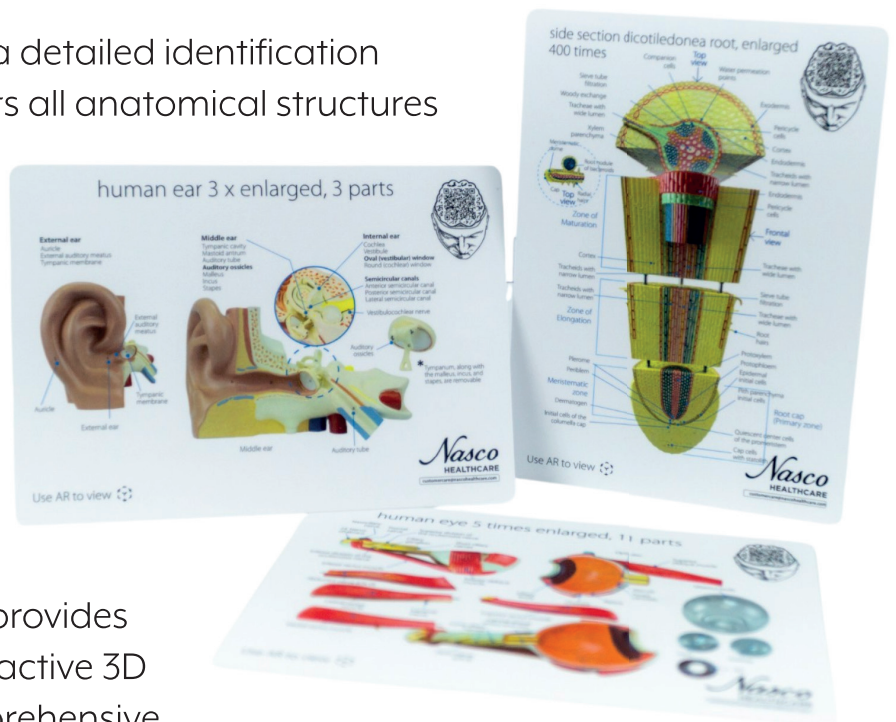
● Light

● 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.





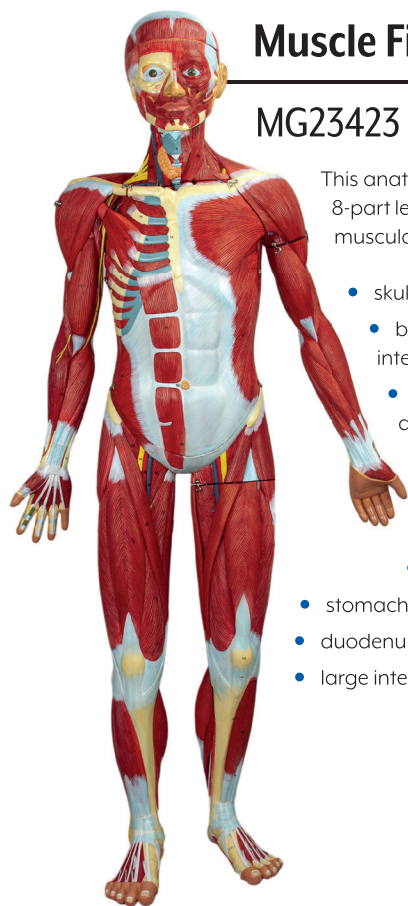
# Muscular System

micro anatomy, muscle figure and limbs

- 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

## Muscle Figure, 3/4 Natural Size, 32 Parts

MG23423



This anatomical model represents the human body at 3/4 life size, with 32 removable parts, including a 6-part arm and an 8-part leg. It features precise details of muscular, skeletal, and internal organ structures, allowing for in-depth study of the muscular system and other body systems. Removable parts also include:

- skullcap,
- brain (cut along the longitudinal slit showing internal structures and blood vessels is removable),
- halves of both lungs showing the bronchial tree and vascular system,
  - 2-part heart clearly representing atria,
  - ventricles,
  - valves and section of the heart wall,
  - liver with gallbladder,
- stomach dissected into 2 parts,
- duodenum with pancreas and spleen,
- large intestine.

### Features

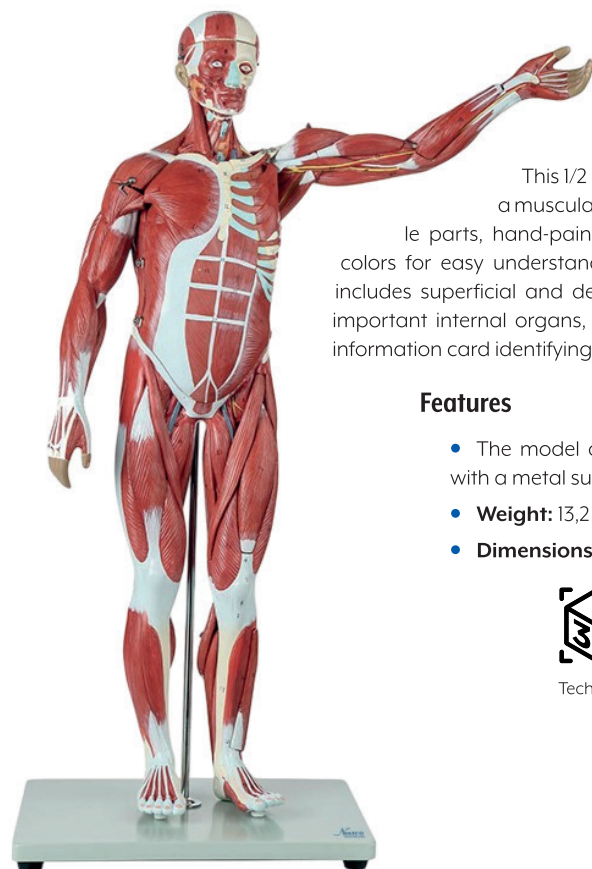
- The model comes with a polymer base with a metal support and rod
- **Weight:** 26.5 lbs.
- **Dimensions (Inches):** 15.75 x 19.69 x 59.06



Technologies available

## Muscle Figure, 1/2 Natural Size, 27 Parts

MG8999



This 1/2 life-size anatomical model of a muscular figure features 27 removable parts, hand-painted and detailed in vibrant colors for easy understanding of human anatomy. It includes superficial and deep musculature, as well as important internal organs, and comes with a detailed information card identifying the anatomical structures.

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 13,2 lbs.
- **Dimensions (Inches):** 32.28 x 10.24 x 6.3



Technologies available

## Muscle Figure, 1/2 Natural Size, 30 Parts

MG23421

Anatomical model of a muscular figure, half life-size, composed of 30 parts, which represents in detail the human muscular anatomy and organs. The model allows the removal of internal organs for a more in-depth study of the relationships between structures. It presents muscles of the head, neck, thorax, abdomen and limbs, with numbering and hand-painting, facilitating the identification of structures.



Technologies available

### Features

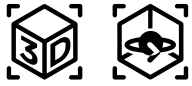
- The model comes with a polymer base with a metal support and rod
- **Weight:** 13,2 lbs.
- **Dimensions (Inches):** 14.17 x 10.24 x 35.04

## Muscle Figure, 1/4 Natural Size

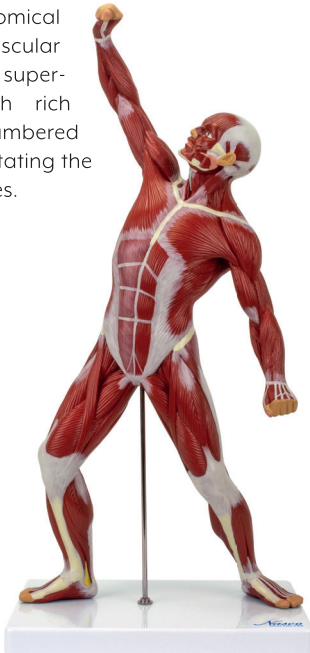


MG23422

Quarter-scale anatomical model of the human muscular figure, representing the superficial musculature with rich detail. The model is numbered and hand-painted, facilitating the identification of structures.



Technologies available



### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 19.29 x 9.06 x 7.09

## Muscle Figure Didactic, 1/4 Natural Size

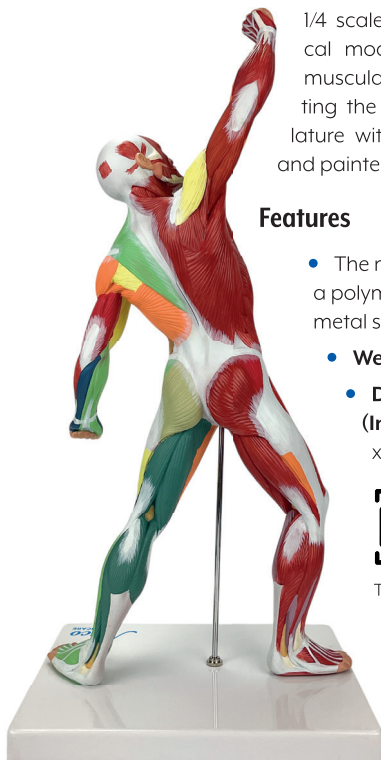


MG23420

1/4 scale colored anatomical model of the human muscular figure, representing the superficial musculature with hand-numbered and painted details.



Technologies available



### Features

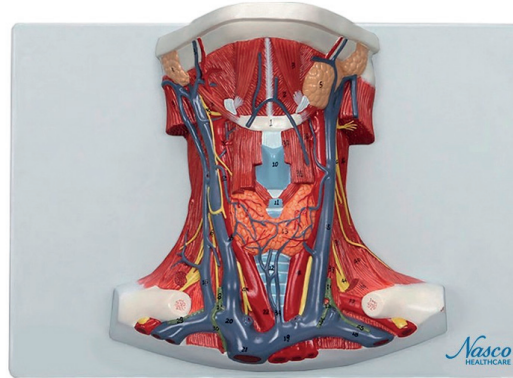
- The model comes with a polymer base with a metal support and rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 19.29 x 9.06 x 7.09



Technologies available

## Neck and Throat Model with Muscles, Veins and Arteries

MG20129



A life-size representation of the ventral dissection of the human neck, exhibiting in detail the main muscles, vascular structures, nerves, and glands, with identification of 47 structural features.



Technologies available

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 12.99 x 9.06 x 4.33

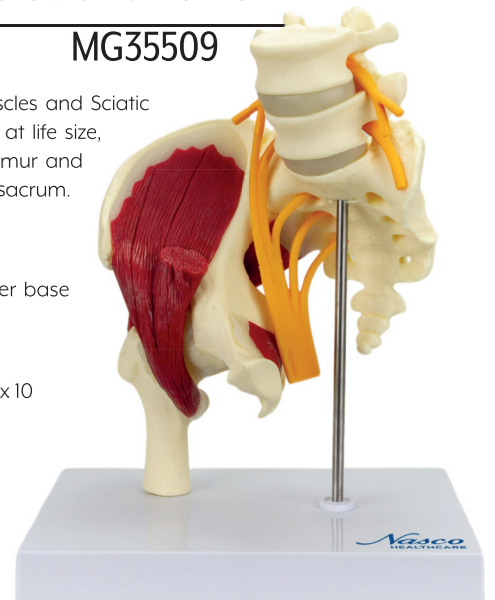
## Hip with Muscles and Sciatic Nerve

MG35509

Anatomical Model of the Hip with Muscles and Sciatic Nerve, representing a normal right hip at life size, including the proximal region of the femur and the lower lumbar vertebrae (L4-L5) and sacrum.

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 7.24 x 4.72 x 10



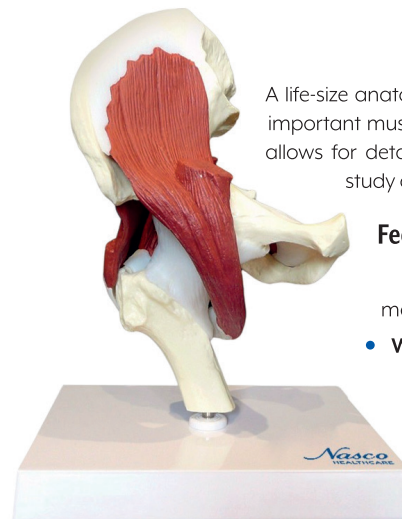
## Hip with Muscles

MG30900

A life-size anatomical model representing the hip joint, including important muscles and ligaments. The model is articulated and allows for detailed visualization of the structures, aiding in the study and understanding of the anatomy of the region.

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 5 x 4.72 x 8.27



Technologies available

## Muscle of Arm, 7 Parts

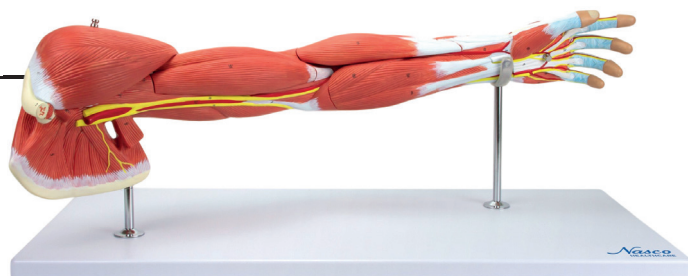
### MG21152

Life-size anatomical arm model, with 7 detachable parts, showing in detail the muscular (superficial and deep), vascular, nervous, and ligamentous structure of the arm, hand, and shoulder. Parts are removable:

- Palmar aponeurosis muscle;
- Wrist radial extensor muscle;
- Brachioradialis muscle;
- Palmar longus muscle with wrist flexor radialis muscle;
- Triceps;
- Biceps;
- Deltoid muscle.

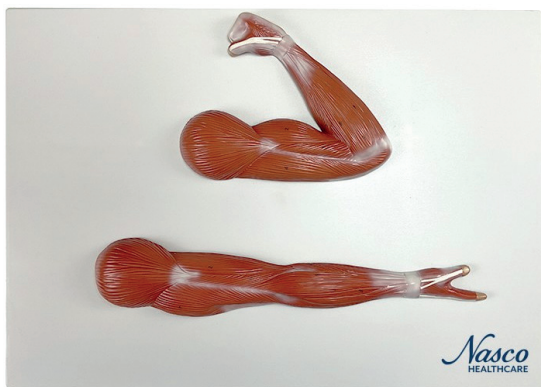
#### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 5.5 lbs.
- **Dimensions (Inches):** 27.56 x 11.81 x 12.6



## Arm Muscles

### MG29870



Representing the arm muscles in a relaxed and contracted state, half life-size. The model shows the muscles of the arm and forearm, including part of the hand musculature, with hand-painted details and numbered structures for easy identification.

#### Features

- The model comes with a polymer base
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 20.87 x 14.96 x 3.94



Technologies available

## Shoulder Muscles with Ligaments

### MG29871



A life-size model that illustrates in detail the muscles, ligaments, and bones of the shoulder, including different muscle layers such as the subscapularis, supraspinatus, infraspinatus, and teres minor, as well as the precise location of the upper arm bones, clavicle, and scapula. Presents left and right lateral views, as well as a rear view, allowing for a complete study of the region.

#### Features

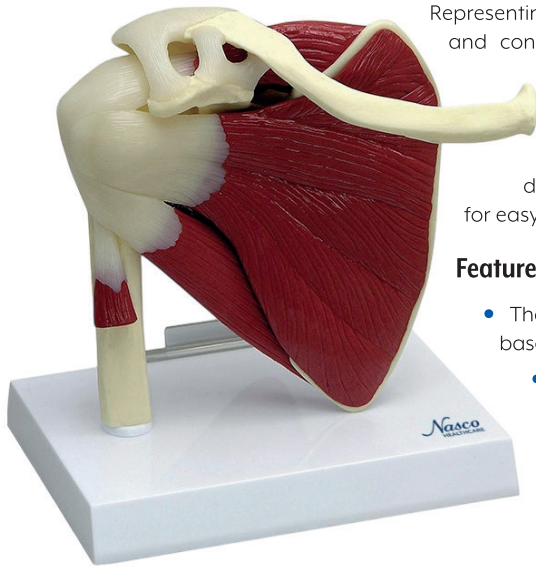
- The model comes with a polymer base with a metal support and rod
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 8.66 x 4.72 x 1.97



Technologies available

## Shoulder Articulating Rotator Cuff

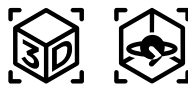
MG29750



Representing the arm muscles in a relaxed and contracted state, half life-size. The model shows the muscles of the arm and forearm, including part of the hand musculature, with hand-painted details and numbered structures for easy identification.

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 5.51 x 5.98 x 5.98

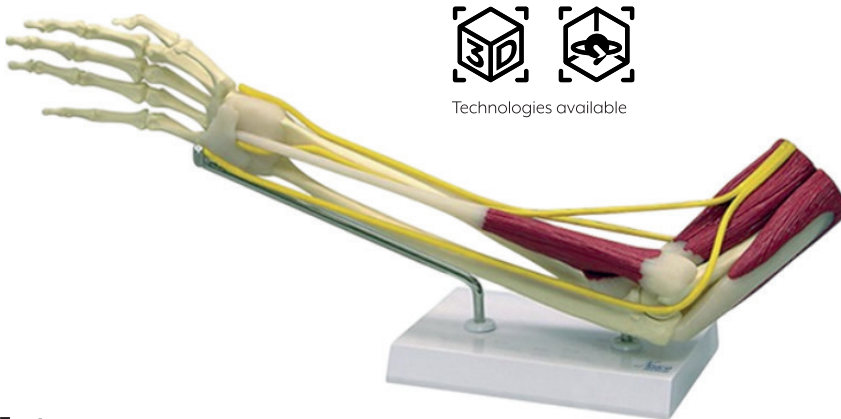


Technologies available

## Elbow with Muscles

MG29739

Life-size anatomical model of a right elbow, representing the humerus to the hand, displaying the skeleton with interconnected and removable base musculature. Offers a detailed representation of the main structures of the elbow, ideal for study and demonstration.



Technologies available

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 19.29 x 3.94 x 5.91

## Leg Muscles Life-Size, 13 Parts



MG30417



This detailed anatomical model represents the human leg, displaying superficial and deep musculature, vascular structures, nerves, and ligaments. It features 13 removable parts, allowing for the individualized study of each structure.

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 13.2 lbs.
- **Dimensions (Inches):** 13.78 x 11.02 x 44.88



Technologies available

## Leg Muscles Life-Size, 23 Parts



MG30418

Anatomical model of a leg with detachable muscles, composed of 23 parts, accurately representing superficial and deep musculature, blood vessels, nerves, and tendons. The model allows for the removal of components for a detailed examination of 64 numbered and identified structures, encompassing the hip, thigh, calf, and foot regions.

### Features

- The model comes with a polymer base with a metal support and rod
- **Weight:** 24.3 lbs.
- **Dimensions (Inches):** 43.31 x 11.81 x 11.81

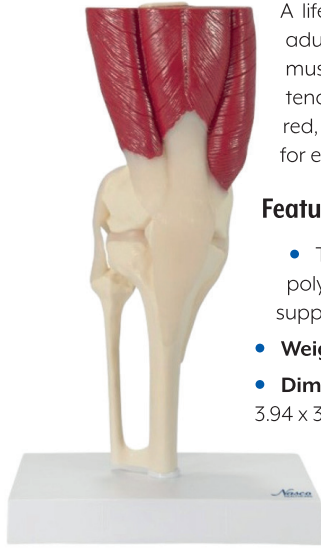


Technologies available



## Human Knee with Muscles

MG34917



A life-size model of a normal adult right knee, showing muscles, ligaments, and tendons with precise, numbered, and hand-painted details for easy anatomy learning.

### Features

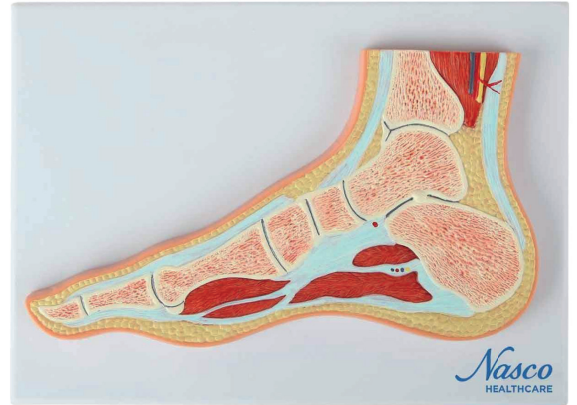
- The model comes with a polymer base with a metal support and rod
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 3.94 x 3.94 x 9.84



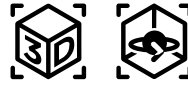
Technologies available

## Section Through the Foot

MG17224



Midfoot Section is a life-size anatomical model representing a cross-section of the foot and ankle joint, detailing its complex components. It features high-fidelity textures of spongy bone material, muscle striations, and fatty areas.



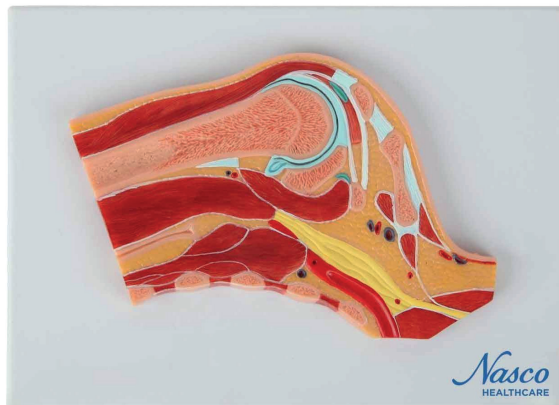
Technologies available

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 1.18

## Section Through the Shoulder

MG17226



Mid-Shoulder Section is a life-size anatomical cross-section model of a human right shoulder, showing in detail the bony, muscular, vascular, and nervous structures of the region. It features realistic textures of bone material, muscle striations, and fat areas, allowing for accurate visualization of anatomical structures.

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 1.18



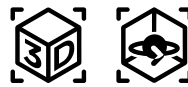
Technologies available

## Section Through the Knee

MG17222



A life-size model detailing the complex, injury-prone knee joint. Features bone textures (spongy and compact), directional muscle striations, and realistically detailed fat areas, including muscles, bones (femur, tibia, and patella), vasculature, ligaments, tendons, and dermis.



Technologies available

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 1.18

## Section Through the Elbow

MG17225



This anatomical model represents a life-size median section of the human elbow, detailing the joint, its muscles, and ligaments. Bone textures, muscle striations, and fatty areas are represented in rich detail, allowing for a tactile examination of the structures.



Technologies available

### Features

- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 1.18

## Section Through the Hand

MG17223



Anatomical model of the median section of the hand, life-size, detailing the bony, muscular, cartilaginous, tendinous, and dermal components of a human hand and wrist.

### Features

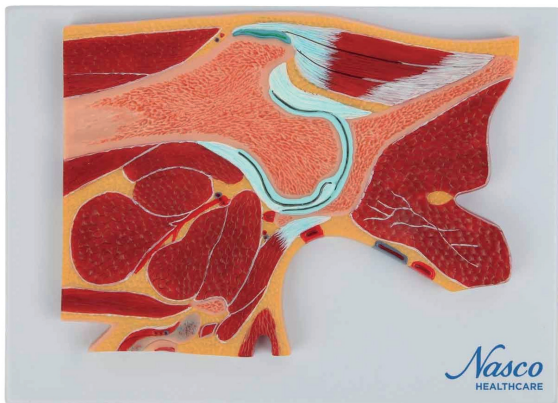
- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 1.18



Technologies available

## Section Through the Hip

MG17227



A life-size model of the human right hip/pelvis joint, in cross-section, detailing joint movement and accurately displaying muscles and ligaments. Features bone textures (spongy and compact), muscle striations, and fatty areas with a high level of embossed detail.



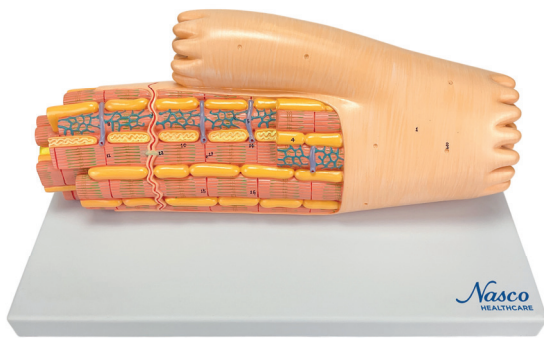
Technologies available

### Features

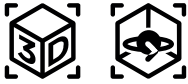
- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.09 x 1.18

## Micro Anatomy Human Cardiac Muscle

MG34954



Anatomical model of Cardiac Muscle Fiber Microanatomy, representing an enlarged cardiac muscle fiber, with details of structures such as intercalated discs, sarcolemma, T-tubules, myofilaments, nucleus, and mitochondria.



Technologies available

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 15.35 x 4.33 x 5.51

## Micro Anatomy Human Smooth Muscle Fiber

MG34955



Technologies available

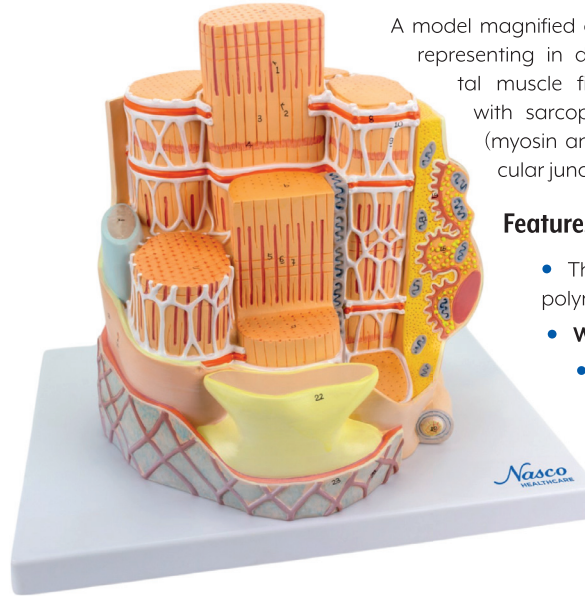
Smooth Muscle Fiber Micro Anatomy Anatomical Model, 10,000x magnification, exhibiting in detail the ultrastructure of a smooth muscle.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 12.99 x 9.06 x 5.12

## Micro Anatomy Human Skeletal Muscle Fiber

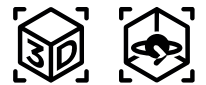
MG23414



A model magnified approximately 40,000 times, representing in detail the structure of skeletal muscle fibers, including sarcomeres with sarcoplasmic reticulum, myofibrils (myosin and actin) and the neuromuscular junction.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 12.99 x 9.06 x 11.02



Technologies available

## Micro Anatomy of Human Muscle Fibers, 10,000 Enlarged

MG35050

This anatomical model represents a section of skeletal muscle fiber with a motor endplate, magnified approximately 10,000 times. It demonstrates in detail the microanatomy of the muscle fiber, including its main structures and the neuromuscular junction.



Technologies available



### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 9.45 x 10.24 x 7.28