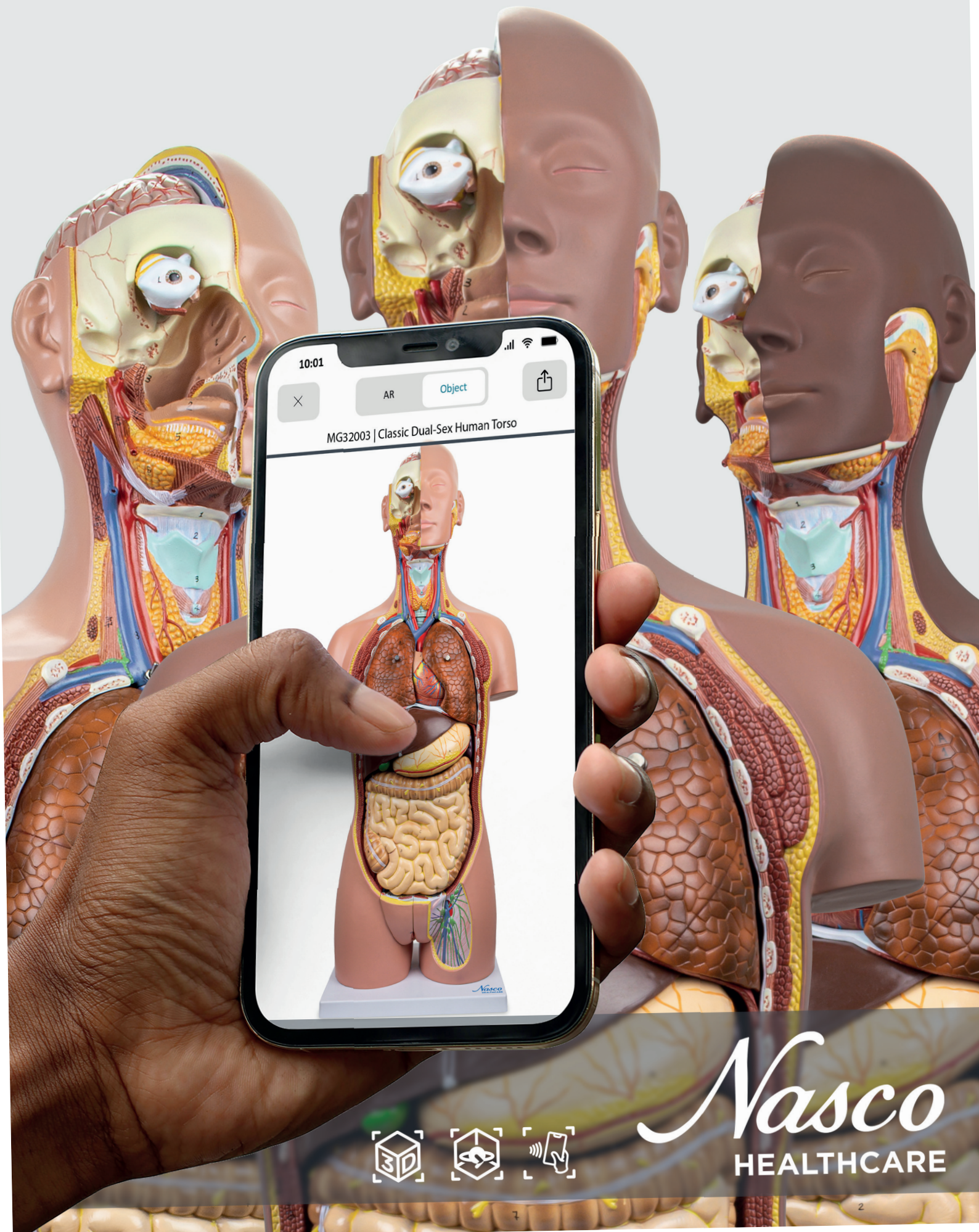


# ■ anatomical models



*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.

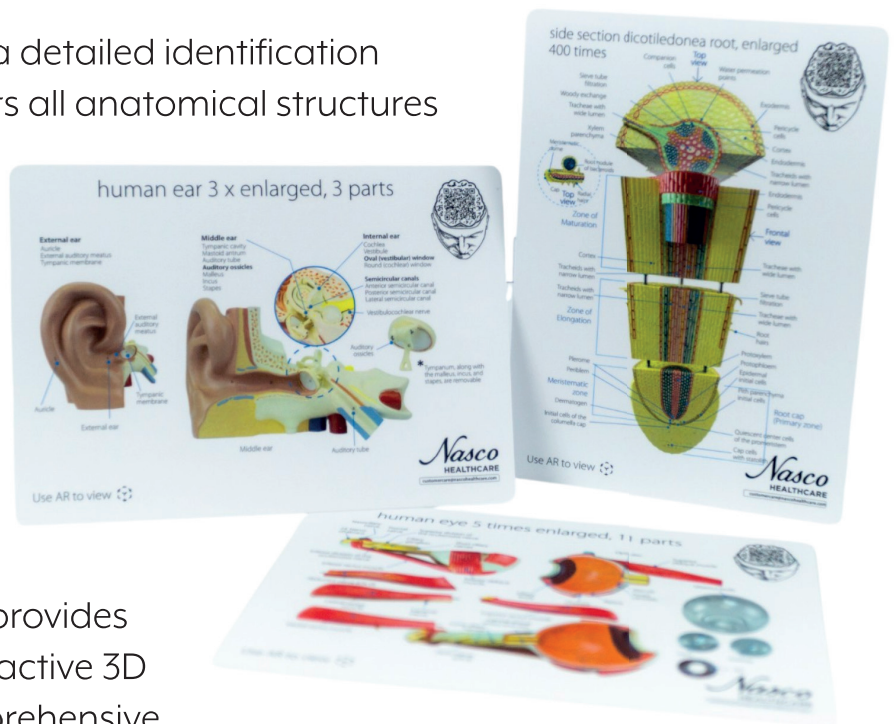
● Light

● 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.





# Embryology and Birth

- 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

## Ovaries and Fallopian Tubes with Stages of Fertilization

MG23004

This detailed model presents the stages of fetal development, from the unfertilized ovum to the ninth month of gestation. Important anatomical structures are numbered and colored for easy understanding, consisting of five parts that demonstrate ovulation, fertilization, zygote formation, implantation in the uterus, and fetal development at different stages (2, 8, 12 weeks and 9 months). The model also includes the representation of the initial stages of embryonic development, the formation of embryonic annexes, and organogenesis.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 15.75 x 10.24 x 10.83

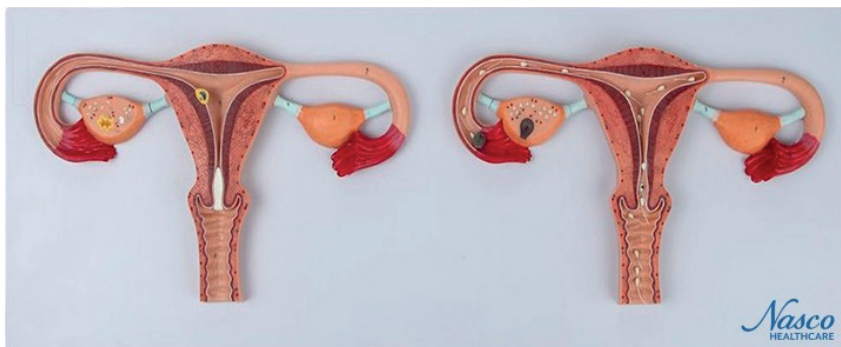


Technologies available

## Human Fertilization Process

MG19471

This enlarged model displays the fertilization process in detail, presenting two distinct models: one showing the uterus, fallopian tubes, and ovaries with their internal components (follicles, corpus luteum, blood vessels); and another illustrating the path taken by the sperm to fertilization.



### Features

- The model comes with a polymer base
- **Weight:** 8.8 lbs.
- **Dimensions (Inches):** 14.17 x 5.51 x 1.57



Technologies available

## Fertilization and Embryonic Development

MG23005



This anatomical model represents the stages of human fertilization and embryonic development, including 16 models that schematically illustrate the process of fertilization, embryonic development, the fetus at three months, and the placenta and its structures.

### Features

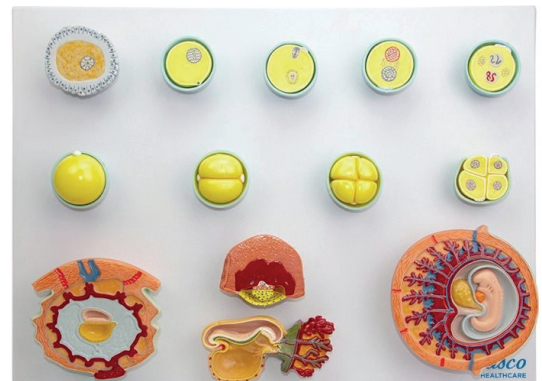
- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 15.75 x 8.27



Technologies available

## Embryonic Development, 13 Stages

MG22605



This detailed anatomical model represents 13 crucial stages of human embryonic development, from fertilization to the end of the fourth week of gestation. It offers an accurate visual representation of the main structures and transformations that occur during this critical period of development.

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 20.87 x 14.96 x 5.91



Technologies available

## Human Embryo, 50 Times Enlarged

MG22793

This anatomical model represents a human embryo at 4 weeks of development, enlarged 50 times its natural size. It features important structural details, numbered and hand-painted for easy identification and understanding.



Technologies available

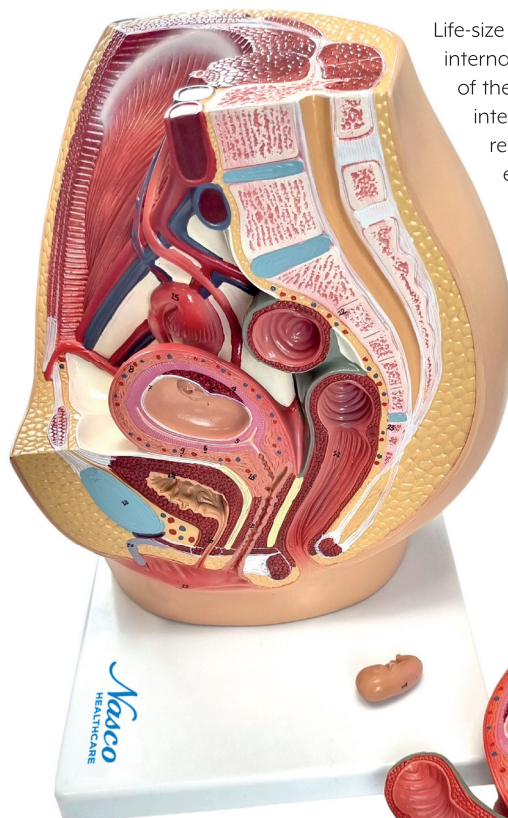
### Features

- The model comes with a polymer base and metal rod
- **Weight:** 2.2 lbs.
- **Dimensions (Inches):** 12.99 x 7.87 x 5.71

## Pregnancy Pelvis in Median Section with Removable Fetus (8 Weeks), 3 Parts

MG30133

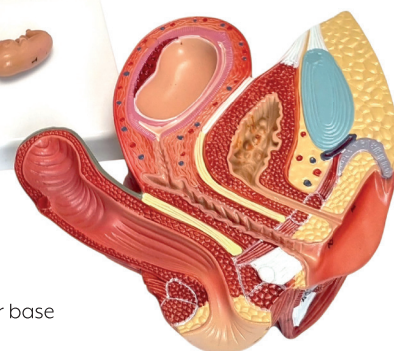
Life-size model consisting of 3 parts with an internal view through a mid-sagittal section of the female pelvis. The model shows the internal organs of the female urinary and reproductive systems with an 8-week embryo in the uterus.



Technologies available

### Features

- The model comes with a polymer base
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 11.81 x 8.66 x 11.02



## Pregnancy Series, 8 Models

MG31154

This set of 8 anatomical models represents the development of the human fetus from the 4th week to the 6th month of gestation, life size. Each model is individually mounted on a removable base, facilitating handling and visualization. The main anatomical structures of the uterus and fetus are represented and identified, with numbering and hand painting to facilitate study. One of the models illustrates the position of twins.



### Features

- The model comes with a polymer base and metal rod
- **Weight:** 11 lbs.
- **Dimensions (Inches):** 22.44 x 7.09 x 10.63



Technologies available

## Pregnancy Pelvis Cross Section with Removable Fetus (40 weeks), 2 Parts

MG30131

This anatomical model represents a life-size pelvis, sectioned medially, displaying a fetus at the 40th week of gestation in a normal birthing position. The fetus is detachable, allowing for a detailed examination of both maternal and fetal pelvic structures.



### Features

- The model comes with a polymer base
- **Weight:** 6.7 lbs.
- **Dimensions (Inches):** 9.33 x 14.57 x 14.17



Technologies available

## Fetus with Placenta and Internal Organs, 11 Parts

MG13920

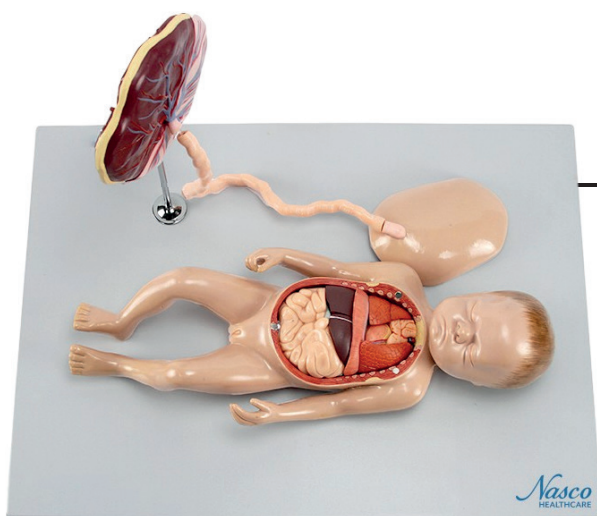
A life-size anatomical model representing a female fetus before birth, complete with umbilical cord and placenta. It features 11 detachable parts, including the fetus, internal organs of the thorax and abdomen.

### Features

- The model comes with a polymer base base and metal rod
- **Weight:** 4.4 lbs.
- **Dimensions (Inches):** 16.54 x 11.81 x 4.33



Technologies available



## Fetal Circulation System with Placenta

MG13918

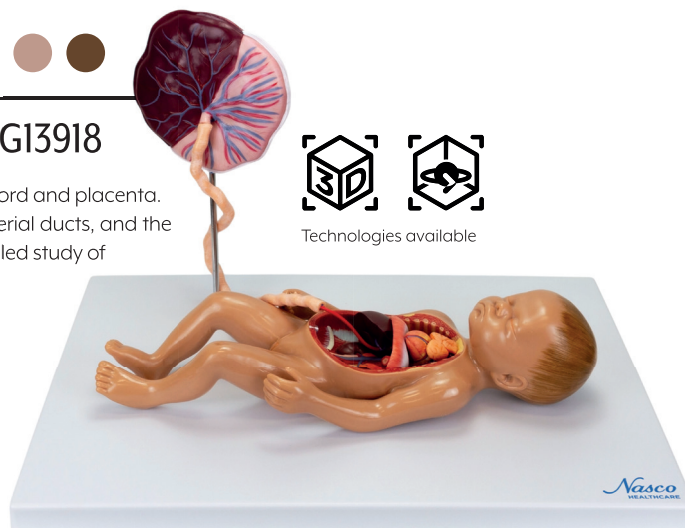
This life-size model represents a female fetus before birth, including the umbilical cord and placenta. It features an open thoracic and abdominal cavity, with exposed venous and arterial ducts, and the diaphragm as a single piece. The heart and liver are removable, allowing for detailed study of the fetal circulatory system.

### Features

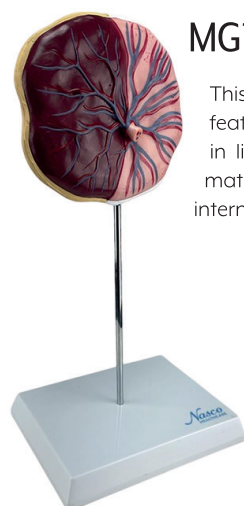
- The model comes with a polymer base base and metal rod
- **Weight:** 6.6 lbs.
- **Dimensions (Inches):** 18.9 x 11.81 x 5.51



Technologies available



## Human Placenta



MG16212

This anatomical placenta model features precise details, representing in life-size the structures of both the maternal and fetal sides, including the internal structure of the placenta.

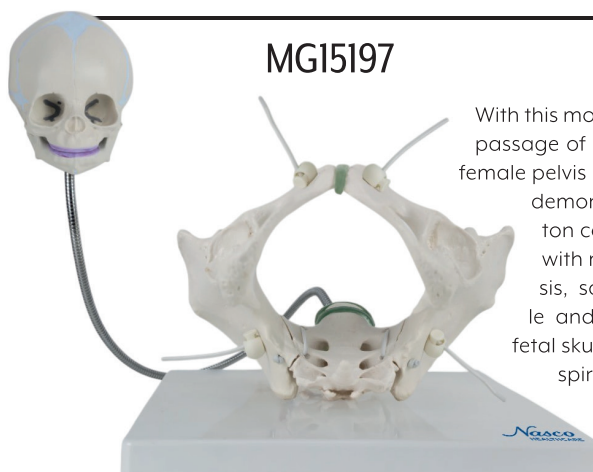


Technologies available

### Features

- The model comes with a polymer base and metal rod
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 5.51 x 5.12 x 0.98

## Childbirth Demonstration Pelvis Skeleton Model with Fetal Skull



MG15197

With this model, the birth canal and the passage of the fetal head through the female pelvis during labor can be clearly demonstrated. The pelvic skeleton consists of flexible hip bones with movably mounted symphysis, sacrum with coccyx, flexible and 2 lumbar vertebrae. The fetal skull is mounted with a flexible spiral rod at the base and can be moved freely.

### Features

- The model comes with a polymer base
- **Weight:** 8.8 lbs.
- **Dimensions (Inches):** 14.17 x 9.84 x 11.81



Technologies available

## Human Placenta Cross-Section, 2X Times Enlarged

MG17230



This model represents an enlarged cross-section of the human placenta, exhibiting in detail the anatomical structures involved in gas exchange, nutrition, and waste elimination between the fetus and the mother.

### Features

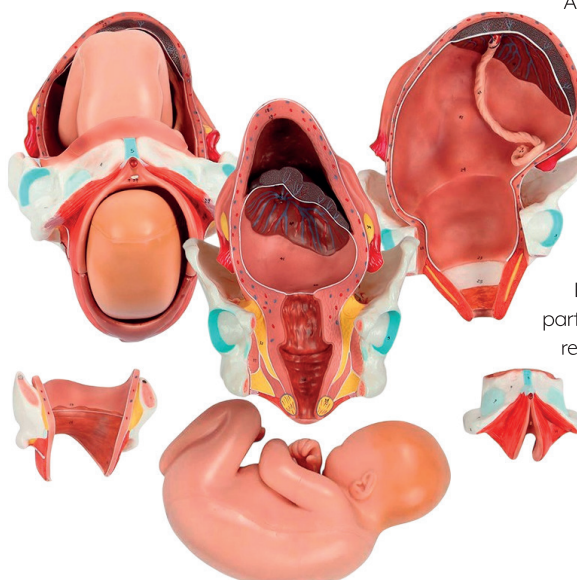
- The model comes with a polymer base
- **Weight:** 1.1 lbs.
- **Dimensions (Inches):** 9.84 x 7.87 x 2.76



Technologies available

## Birthing Process Model with 3 Stages

MG13924



A life-size childbirth model representing the three stages of the birthing process, individually mounted on non-toxic polymer bases. The model shows, with anatomical precision, the baby's passage through the birth canal, with numbered elements to facilitate study. Each pelvis is composed of two parts and fixed to a base, with a removable fetus or newborn.

### Features

- The model comes with a polymer base
- **Weight:** 7.7 lbs.
- **Dimensions (Inches):** 20.87 x 14.96 x 5.91



Technologies available