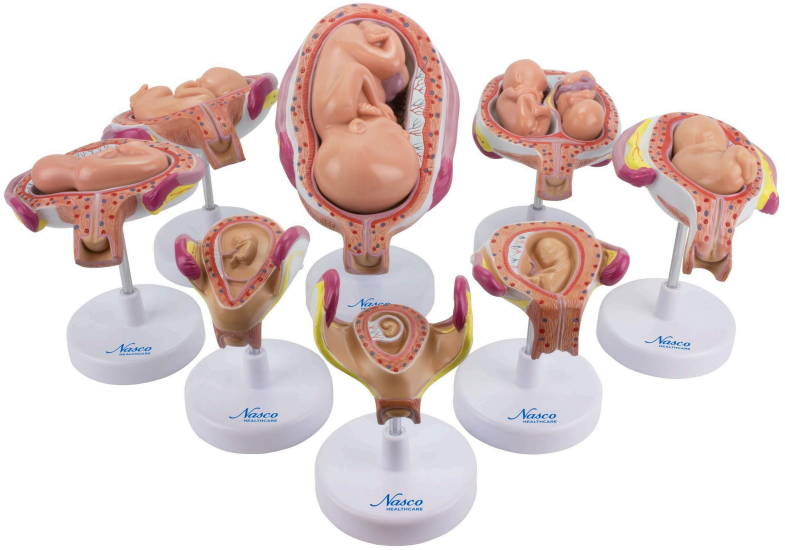
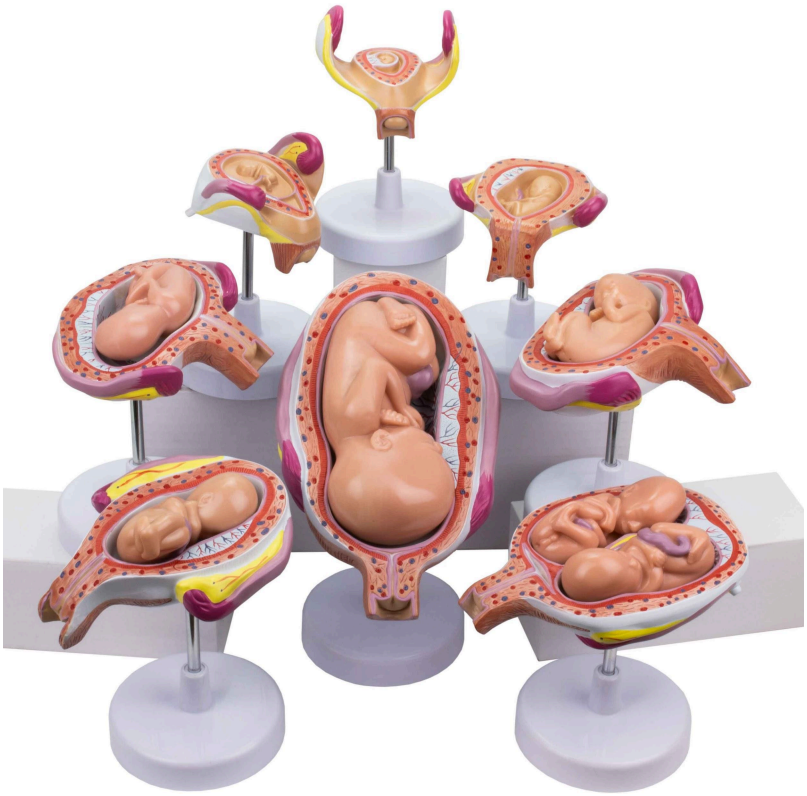
MG31154 | PREGNANCY SERIES, 8 MODELS





This pregnancy series set features 8 models illustrating human fetal development from the 4th week to the 7th month of gestation. It represents all major anatomical structures of the uterus and fetus, including a model demonstrating a twin pregnancy. Each model is mounted on a removable individual stand for easy detailed study.

Applications:
This set is ideal for the study of embryonic and fetal development, for education in obstetrics and gynecology, for demonstrations in biology and medicine classes, and to aid in understanding the stages of pregnancy.

Technical Advantages:
* Detailed representation of the anatomical structures of the uterus and fetus in different stages of development.
* Twin pregnancy model included.
* Removable individual stands for easy viewing and study of the models.

3D Technology and Augmented Reality:
Our anatomical models offer an innovative visual complement through informative cards that activate 3D models viewable in augmented reality (A.R.). This exclusive interactive platform

stimulates learning, allowing for comparative analysis of anatomical structures and offering opportunities for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:
* Models representing fetal development from the 4th week to the 7th month of pregnancy.

Main Structures:

1-month embryo (4 to 8 weeks): In this early phase, the embryo undergoes rapid development, with the formation of the first organs and systems. The neural tube, the precursor to the central nervous system, begins to form, and the primitive heart begins to beat.

2-month embryo (8 to 12 weeks): During this period, organogenesis occurs, with the formation of most major organs. The upper and lower limbs begin to develop, and facial features become more distinct.

7-month fetus - fetal position (28 to 32 weeks): In this advanced stage of gestation, the fetus is almost fully developed and prepares for birth. It gains weight rapidly and accumulates adipose tissue to regulate body temperature after birth. The typical fetal position is with the limbs flexed and the chin against the chest.

5-month fetus - transverse position (20 to 24 weeks): In this phase, the fetus continues to grow and develop. The transverse position refers to the orientation of the fetus in the uterus, where it is lying on its side instead of being head-down (cephalic position) or buttocks-down (breech position).

4-month fetus - standing (16 to 20 weeks): During the fourth month, the fetus experiences significant growth. The "standing" posture may refer to the position of the fetus in the uterus, although the fetal position may change frequently during this period.

3-month embryo (12 to 16 weeks): At this stage, the embryo is now considered a fetus. Organs and systems continue to develop and mature. The fetus begins to move, although these movements may not be felt by the mother yet.

5-month fetus (20 to 24 weeks): The fetus continues to grow and develop, with organs and systems becoming more functional. The mother usually begins to feel the movements of the fetus during this period.

5-month twins - normal position (20 to 24 weeks): In a twin pregnancy, both fetuses are developing simultaneously. The "normal position" may vary depending on each fetus, and may include cephalic, breech, or transverse positions.

Other structures can be verified directly on the physical piece or in the interactive 3D model.

Customizable Skin Tones:
This anatomical model offers the option to choose between three skin tones to better represent human diversity and meet different educational and clinical needs. It is possible to choose between light skin, intermediate tone, and dark skin, providing greater realism and inclusion during training and demonstrations.

About the Anatomical Models:
They are developed with resin replication technology, addressing the scarcity of natural anatomical pieces for teaching and research. They present all the essential morphological characteristics with excellent cost-benefit, resistance, manual painting, and numbering for precise identification of structures.

List of all visible structures:

- 1-month-old embryo (4 to 8 weeks)
- 2nd month embryo (8 to 12 weeks)
- 7-month fetus - fetal position (28 to 32 weeks)
- 5-month-old fetus - transverse lie (20 to 24 weeks)
- 4-month-old fetus - standing (16 to 20 weeks)
- 3-month embryo (12 to 16 weeks)
- fetus at 5th month (20 to 24 weeks)
- Twins at 5th month - normal position (20 to 24 weeks)