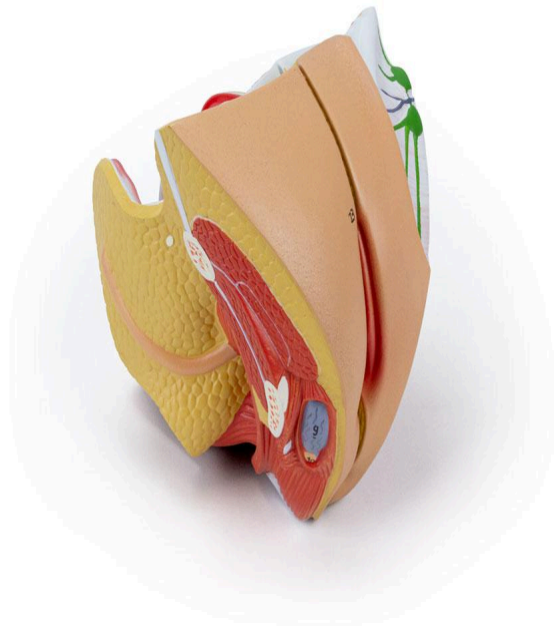
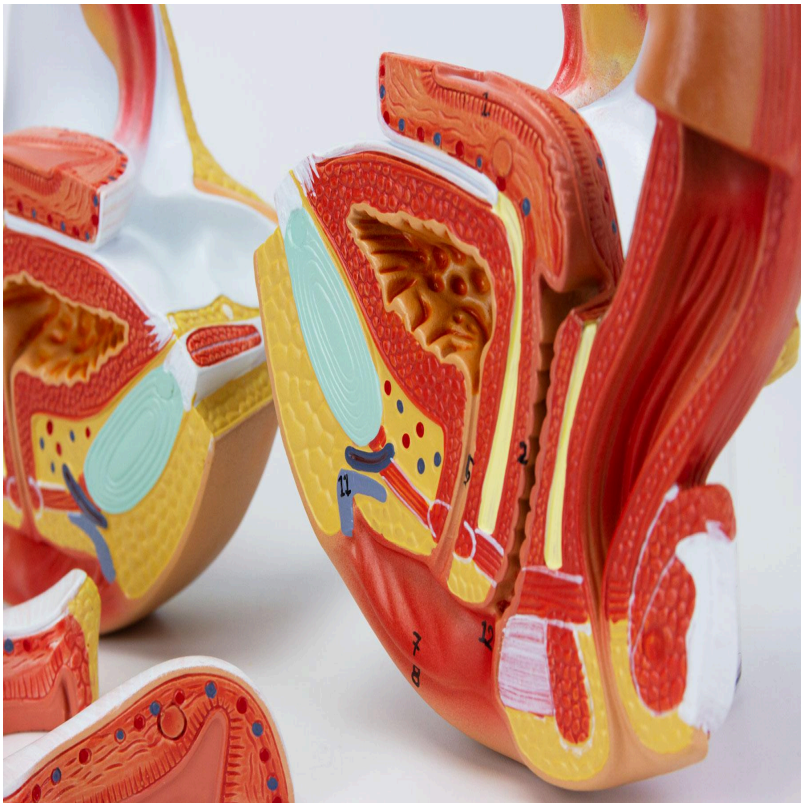




MG29948 | GENITAL ORGAN FEMALE, 4 PARTS









Life-size anatomical model of the female reproductive system, sagittally sectioned into 4 parts. It presents details of the internal structure and includes removable parts such as the uterus (in two parts) and halves of the female reproductive system. Ideal for in-depth study of female anatomy.

Applications:

Ideal for detailed study of the anatomy of the female reproductive system, assisting learning in medicine, nursing, and other health-related courses. Can be used in classes, demonstrations, and practical training.

Technical Differentiators:

- * Detailed representation of the female reproductive system.
- * Sagittally sectioned for internal visualization.
- * Removable parts for individualized study of structures.
- * Durable synthetic material.

3D Technology and Augmented Reality:

Our anatomical models offer an innovative visual complement through informative cards that activate 3D models viewable in augmented reality (AR). This exclusive interactive platform stimulates learning, allowing comparative analysis of anatomical structures and offering opportunities for continuing education in anatomy, physiology, and pathophysiology.

**Technical Specifications:**

- * Scale: Life-size
- * Material: Durable synthetic material
- * Number of parts: 4
- * Dissection: Median sagittal

Main Structures:

Mons pubis: An elevation of fatty tissue located over the pubic symphysis, covered by skin and, after puberty, by hair. It functions as protection for the pubic bone during sexual intercourse and other activities.

Bulb of vestibule: Two elongated masses of erectile tissue located under the skin of the labia majora, on each side of the vestibule of the vagina. Equivalent to the corpus spongiosum of the penis in men, it contributes to the narrowing of the vaginal opening during sexual arousal.

Greater vestibular gland: Also known as Bartholin's glands, two glands located on each side of the vaginal opening. They secrete a mucous fluid that helps lubricate the vulva, facilitating sexual intercourse.

Labia majora: Two external skin folds that delimit the vulva, protecting internal structures such as the labia minora, clitoris, and openings of the urethra and vagina. They are homologous to the male scrotum.

Urinary bladder: Hollow muscular organ that stores urine, allowing voluntary urination. It receives urine from the ureters and releases it through the urethra.

Ovary: The female gonads responsible for the production of eggs and female sex hormones, such as estrogen and progesterone. They play a fundamental role in reproduction and the development of female secondary sexual characteristics.

Uterine tube: Also known as fallopian tubes, two tubes that connect the ovaries to the uterus. They are the site where fertilization of the egg by the sperm occurs.

Uterus: Hollow muscular organ where implantation of the fertilized egg and fetal development during pregnancy occur. It has a body, a fundus, and a cervix.

Vagina: Muscular canal that extends from the cervix of the uterus to the vulva. It serves as a pathway for childbirth, menstruation, and sexual intercourse.

Female urethra: A short tube that carries urine from the bladder to the outside of the body. It



is shorter than the male urethra, which makes women more susceptible to urinary tract infections.

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 of choosing between three skin tones to better represent human diversity and meet different educational and clinical needs. It is possible to choose between fair skin, medium tone, and dark skin, providing greater realism and inclusion during training and demonstrations.

About 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:

- Mons pubis
- Vestibular bulb
- Greater vestibular gland
- Labia majora
- Urinary bladder
- Ovary
- Fallopian tube
- Uterus
- Ovary
- Fallopian tube
- Vagina
- Female urethra
- Vestibular bulb
- Greater vestibular gland
- Mons pubis
- Clitoris
- Vestibule
- Labia minora
- Labia majora
- Urinary bladder