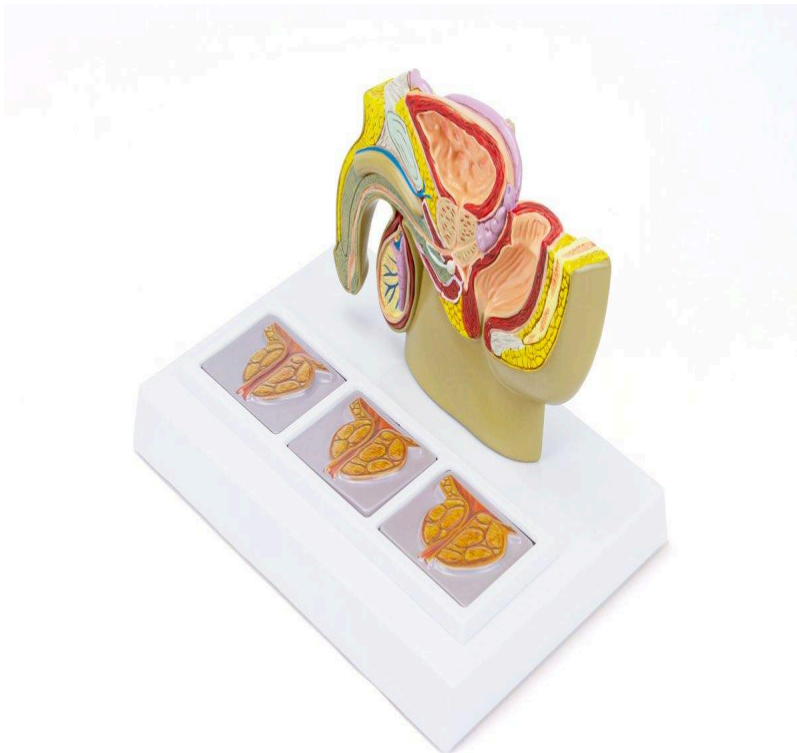




**MG34916 | MALE PELVIS WITH PROSTATE,  
HALF NATURAL SIZE**





Anatomical model in median sagittal section of the male pelvis, in reduced size, ideal for the study of Benign Prostatic Hyperplasia (BPH). It presents three-dimensional cross-sections of the prostate gland representing the normal, moderate, and advanced stages of BPH.

**Applications:**

Ideal for the study of male pelvic anatomy and Benign Prostatic Hyperplasia (BPH), for comparing different stages of the disease, and for continuing education in anatomy, physiology, and pathophysiology.

**Technical Differentiators:**

- \* Detailed representation of the male pelvis in median sagittal section.
- \* Modeling of BPH stages (normal, moderate, advanced).
- \* Excellent tool for encouraging learning and support.

**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, enabling comparative analysis of anatomical structures and offering opportunities for continuing education in anatomy, physiology, and pathophysiology.

**Technical Specifications:**



\* Scale: Reduced

\* Representation: Median sagittal section of the male pelvis with BPH stages.

### **Main Structures:**

**bladder:** Hollow muscular organ that stores urine before it is excreted. Its wall is formed by the detrusor muscle, which contracts to expel urine through the urethra.

**Ureter:** Muscular tubes that transport urine from the kidneys to the bladder. They have peristaltic movements that help propel urine.

**ejaculatory duct:** Tube that is formed by the junction of the vas deferens and the seminal vesicle duct. It transports semen to the prostatic urethra.

**seminal vesicle:** Glands that produce a fluid rich in fructose, which provides energy for sperm. The fluid secreted by the seminal vesicles contributes to the total volume of semen.

**vas deferens:** Muscular tube that transports sperm from the epididymis to the ejaculatory duct. It is cut during vasectomy.

**rectum:** Final portion of the large intestine, responsible for storing feces before defecation. It has sphincters that control the elimination of feces.

**prostate:** Gland of the male reproductive system located below the bladder. It produces a fluid that contributes to semen and aids in sperm motility. The prostate can increase in size with age, causing urinary problems.

**pubic symphysis:** Cartilaginous joint located in the midline of the body, joining the pubic bones. It allows some mobility during pregnancy and childbirth.

**urethra:** Tube that carries urine from the bladder out of the body. In men, it also carries semen during ejaculation.

**testicle:** Male reproductive glands responsible for the production of sperm and sex hormones, such as testosterone. They are located inside the scrotum.

### **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 light skin, intermediate tone, and dark skin, providing greater realism and inclusion during training and demonstrations.

### **About Anatomical Models:**



They are developed with resin replication technology, supplying 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:**

- bladder
- Ureter
- ejaculatory duct
- seminal vesicle
- vas deferens
- rectum
- adipose tissue
- tissue
- coccyx
- sacrococcygeal ligament
- sphincter
- sphincter
- bulbourethral gland
- bulbospongiosus muscle
- urogenital diaphragm
- prostate
- linea alba
- pubic symphysis
- suspensory ligament
- dorsal vein
- corpus spongiosum
- corpus cavernosum
- glans
- urethra
- epididymis
- rete testis
- septum
- cremaster muscle
- testis
- normal
- moderate
- severe