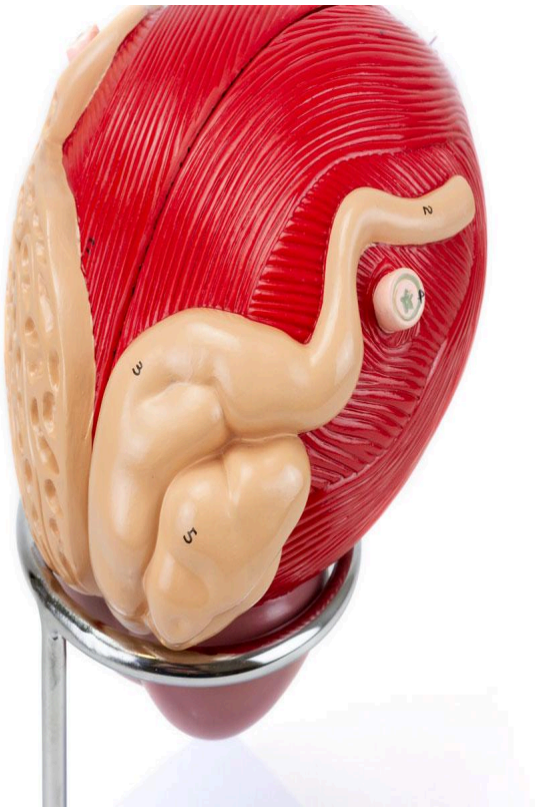
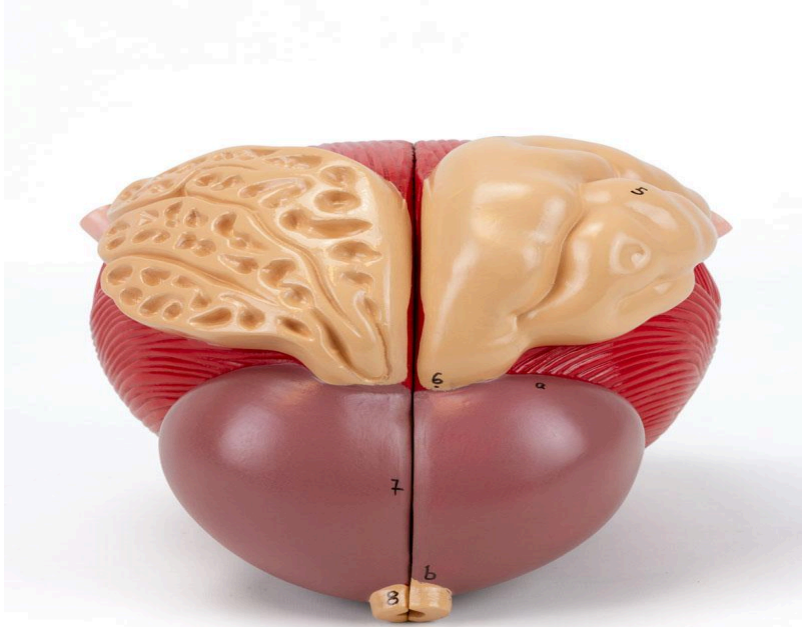




## MG30753 | PROSTATE, 2 PARTS









Two-part anatomical model of the prostate gland, enlarged three times its natural size, showing the male urinary bladder with the prostate gland surrounding the urethra. The model is dissected medially, exposing the internal and external structures of the bladder and prostate, including the ureters and urethral orifices, vas deferens, seminal vesicle, and ejaculatory duct. Important anatomical structures are numbered and color-coded for easy understanding.

**Applications:**

Ideal for anatomy study in schools and universities; suitable for training, medical, and scientific information.

**Technical Advantages:**

- \* Detailed representation of anatomical structures.
- \* Hand-numbered and painted.
- \* Produced with high-quality resin, approved in toxicological tests, stable and durable.
- \* Original replicas.
- \* Includes an information card with related structures.
- \* Mounted on a polymer base with a metal support and rod.

**3D Technology and Augmented Reality:**



Our anatomical models offer a visual complement through information cards that activate 3D models viewable in augmented reality (AR). This interactive platform assists learning, allowing for comparative analysis of anatomical structures and offering resources for continuing education in anatomy, physiology, and pathophysiology.

**Technical Specifications:**

\* Scale: 3x natural size

\* Material: Synthetic resin

**Main Structures:**

**Prostate:** Exocrine gland of the male genital system, located below the urinary bladder, surrounding the urethra. Its main function is to produce prostatic fluid, a component of semen, which contributes to the motility and survival of sperm.

**Apex of the prostate:** Lower and more pointed portion of the prostate, located near the urogenital diaphragm.

**Mid-portion of the urethra:** Segment of the urethra that passes through the prostate, receiving prostatic fluid before ejaculation.

**Base of the prostate:** Upper portion of the prostate, adjacent to the neck of the urinary bladder.

**Seminal vesicle:** Glands attached to the male reproductive system, responsible for producing a fructose-rich fluid that nourishes sperm.

**Ampulla of the vas deferens:** Terminal dilation of the vas deferens before its junction with the duct of the seminal vesicle to form the ejaculatory duct.

**Ureter:** Canal that transports urine from the kidneys to the urinary bladder.

**Vas deferens:** Muscular tube that transports sperm from the epididymis to the ampulla of the vas deferens.

**Apex of the bladder:** Lower and anterior end of the urinary bladder.

**Urinary bladder:** Hollow muscular organ that stores urine before urination.

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

**About the Anatomical Models:**

They are developed with resin replication technology, meeting the need for anatomical pieces for teaching and research. They present the essential morphological characteristics



with excellent cost-benefit, good resistance, hand painting, and numbering for precise identification of structures.

**List of all visible structures:**

- Prostate
- Apex of the prostate
- Mid-prostatic urethra
- Base of the prostate
- Seminal vesicle
- Ampulla of the ductus deferens
- Ureter
- Ductus deferens
- Apex of the bladder
- Urinary bladder
- Ductus deferens
- Body of the bladder
- Fundus of the bladder
- Vas deferens
- Fundus of the bladder
- Prostate
- Membranous urethra
- Body of the bladder
- Prostatic utricle
- Interureteric crest
- Trigone of the bladder
- Apex of the bladder
- Internal urethral orifice
- Prostatic urethra
- Urethral orifice