



## MG30752 | PROSTATE ENLARGED 2 TIMES, 4 PARTS



This anatomical model shows the prostate at 2x life size, divided into 4 parts, allowing detailed visualization of its anatomy and relationship with the urinary bladder. Important structures are hand-numbered and painted for easy understanding.

### **Applications:**

Ideal for the study of prostate anatomy in schools, universities, hospitals, and clinics. Suitable for medical training and educational and scientific purposes.

### **Technical Advantages:**

- \* Hand-numbered and painted in didactic colors.
- \* High level of detail to facilitate learning.
- \* High-precision natural molding.
- \* Manufactured from a stable synthetic material and resin, approved in toxicological tests.
- \* Accurate replicas.



- \* Includes an information card with related structures.
- \* Comes with a polymer base with support and metal 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 the learning process, allowing comparative analysis of anatomical structures and offering resources for continuing education in anatomy, physiology, and pathophysiology.

### **Technical Specifications:**

- \* Scale: 2x life size.
- \* Material: Resin.

### **Main Structures:**

**Trigone of the urinary bladder:** Triangular region on the inner surface of the urinary bladder, located in its posterior and inferior portion. It is delimited by the ureteral orifices and the internal urethral orifice, being an important area for urinary continence.

**Urethral orifice:** Distal opening of the urethra, through which urine is eliminated from the body. In men, the external urethral orifice is located at the tip of the glans penis, while in women, it is located in the vestibule of the vagina.

**Prostate:** Exocrine gland located below the urinary bladder, surrounding the urethra. Its main function is to produce a secretion that makes up part of the semen, contributing to the viability of sperm.

**Stroma of the urinary bladder:** Connective tissue that supports the wall of the urinary bladder, giving it structure and elasticity. It contains smooth muscle fibers, blood vessels, and nerves.

**Seminal vesicle:** Accessory glands of the male reproductive system, located posterior to the prostate. They produce a fructose-rich fluid that nourishes sperm and constitutes part of the semen.

### **About the Anatomical Models:**

They are developed with resin replication technology, offering an alternative for teaching and research. They present the main morphological characteristics with excellent cost-benefit, good resistance, hand painting, and numbering for precise identification of structures.

### **List of all visible structures:**



- urinary bladder trigonum
- urethral orifice
- prostate
- urinary bladder stroma
- seminal vesicle
- central zone of the prostate
- peripheral zone of the prostate
- urethra
- transition zone of the prostate
- anterior fibromuscular stroma of the prostate
- trigone of the urinary bladder
- urethral orifice
- prostate
- stroma of the urinary bladder
- seminal vesicle