



**Available Body for Further Dissection 20160315**

The following body has been dissected to reveal superficial muscles on one side and deep muscles on the other. It is done plastination but still can be further modified into “**WBGA003: Male Body Showing Internal Organs *In Situ***” (as attached specification) or “**WBGA009: Male Body with Removable Anterior Wall and Internal Organs**” (as attached specification). However, it is not suitable to modify into “**WBMG119: Male Body Showing Internal Organs with Vessels and Nerves**” due to the difficulty of dissecting head after plastination.





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**Specification of WBGA003**  
**Male Body Showing Internal Organs *In Situ***



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Structures shown:

Head and Neck --- external and internal jugular veins with tributaries.

Thorax --- anterior wall removed to expose lungs, pericardium-enclosed heart and superior vena cava with its tributaries.

Abdomen --- anterior wall removed to expose viscera *in situ*, including liver, stomach, greater omentum and intestines; further dissection to reveal biliary ducts, celiac trunk and branches.

Back --- deep layer of muscles such as iliocostalis, longissimus, spinalis, and semispinalis.

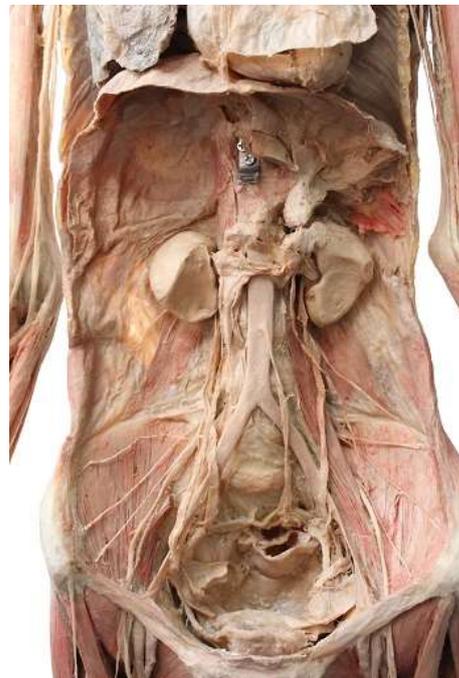
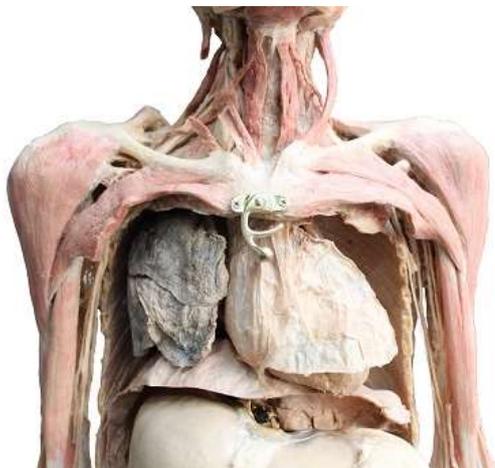
Upper Limbs --- content of axilla, branching of brachial plexus, branches of brachial artery and superficial palmar arch.

Lower Limbs --- remove gluteus maximus and biceps femoris to expose emergence and branching of sciatic nerve; femoral nerve and femoral artery is also reveal.



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**Specification of WBGA009  
Male Body with Removable Anterior Wall and Internal Organs**





The male body is dissected to cut and make the anterior thoraco-abdominal wall removable. The entire blocks of thoracic viscera including trachea, esophagus, lungs and heart, and abdominal viscera from esophagus to anal canal is cut and make removable. After removing the visceral block, male genital organs *in situ* can be studied. Muscles are dissected to reveal superficial layer of muscles at one side and deep layer of muscles at the other. Organs and structures shown are listed as followed:

Head ---

Superficial layer of muscles are shown at left and deep layer of muscles are shown at right, or the other way.

Neck ---

Partial pharynx, esophagus, median-sagittal cut larynx, some laryngeal cartilages and cricothyroid muscles, trachea, thyroid gland.

Thoracic Viscera ---

Left: bronchial tree; opened pericardium; window-opened right ventricle showing trabecular carneae, papillary muscles, chordate tendineae and atroventricular valves.



Right: right lung kept intact.

Abdominal Viscera ---

Liver, pancreas, stomach, spleen, duodenum, jejunum, ileum, caecum and vermiform appendix, ascending colon, transverse colon, descending colon, sigmoid colon and rectum are kept together in place even removable from the cavity. Parts of stomach and intestines are window-opened to make interior visible.

Thoracic Cavity ---

Right and left phrenic nerves, diaphragm at the bottom, sympathetic trunks, splanchnic nerves, thoracic aorta with branches, and muscular structure of the posterior thoracic wall.

Abdominal Cavity ---

Diaphragm on the top, both kidneys located *in situ*, ureters, window-opened bladder showing trigone, sympathetic trunks, nerve components of lumbar plexus and lumbosacral trunks, and muscular structure of the posterior abdominal wall.

Male Genital Organs --- (attached with the body)

Testes, spermatic cords (containing vas deferens), seminal vesicles and penis.

Body Trunk ---

Superficial layer of muscles at left and deep layer of muscles at right, or the other way.

Limbs ---

Superficial layer of muscles are shown at left and deep layer of muscles are shown at right, or the other way.

Vessels and Nerves ---

Main arteries and nerves with some branches.



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