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SCIENTIFIC

With Altay's models you can observe the smallest detail of the human anatomy. Our detailed and realistic reproduction of the human organs and sistems will be the key tool for your biology classes. Our coperation with prestigious International Institutions and the use of real speciemens allows us to design and develop accurate and realistic models. All aspects of the human anatomy will be easier to understand and will fulfill perfectly all your teaching and learning needs from primary education to university level. Altay Biology models are made of durable polyvinyl resin and hand painted by skilled craftsman with non-toxic paint. This ensures durability, enviromental friendliness as well as a natural look.

SGS
ISO 9001
Certified Company
n° registered Q.01.330

WQC
WORLD QUALITY CHARTER

ENGLISH

6000.50 - TORSO DUAL-SEX OPEN BACK 27 PARTS

A. Cranial cavity

1. Cerebral hemisphere
2. Anterior cerebral artery
3. Posterior cerebral artery
4. Internal carotid artery
5. Cerebral crus
6. Pons (Bridge of Varolius)
7. Medulla oblongata (Bulb)
8. Cerebellum
9. Falx cerebri (Cerebral falx)
10. Superior sagittal sinus
11. Inferior sagittal sinus
12. Straight sinus
13. Corpus callosum
14. Fornix
15. Thalamus

B. Orbit

1. Eyeball
2. Lacrimal gland
3. Lacrimal sac
4. Levator palpebrae superioris muscle
5. Superior oblique muscle
6. Medial rectus muscle
7. Inferior rectus muscle
8. Inferior oblique muscle
9. Lateral rectus muscle

C. Nasal cavity

1. Superior nasal concha
2. Middle nasal concha
3. Inferior nasal concha
4. Nasal vestibule

D. Oral cavity

1. Palate
2. Tongue
3. Pharynx
4. Parotid gland
5. Sublingual gland
6. Submandibular gland

Anterior cervical region

(Anterior triangle)

1. Hyoid bone
2. Thyrohyoid membrane
3. Thyroid cartilage
4. Cricoid cartilage

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5. Thyroid gland
6. Trachea (Windpipe)
7. Common carotid artery
8. Internal jugular vein

Thoracic cavity

A. Left lung

1. Left lung; superior lobe
2. Left lung; inferior lobe

B. Right lung

1. Right lung; superior lobe
2. Right lung; middle lobe
3. Right lung; inferior lobe
4. Right pulmonary artery
5. Right superior pulmonary vein
6. Right inferior pulmonary vein

C. Heart

1. Right atrium
2. Right auricle
3. Superior vena cava
4. Inferior vena cava
5. Fossa ovalis (Oval fossa)
6. Opening of coronary sinus
7. Right ventricle

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8. Pulmonary trunck
9. Pulmonary valve
10. Tricuspid valve
11. Left atrium
12. Left auricle
13. Pulmonary vein
14. Left ventricle
15. Mitral valve (Bicuspid valve)
16. Aortic valve
17. Ascending aorta
18. Right coronary artery
19. Anterior interventricular branch of left coronary artery
20. Circumflex branch of left coronary artery
21. Great cardiac vein
22. Middle cardiac vein (Posterior interventricular vein)
23. Small cardiac vein
24. Coronary sinus

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D. Oesophagus
E. Thoracic aorta
F. Left main bronchus
G. Right main bronchus
H. Thoracic duct
I. Azygos vein
J. Hemiazygos vein
K. Sympathetic trunk and ganglia
L. Grey and white rami communicantes
M. Greater splanchnic nerve
N. Intercostal nerves and vessels

Abdominal cavity

A. Liver
1. Left lobe of liver
2. Right lobe of liver
3. Inferior vena cava
4. Gallbladder
5. Bile duct
6. Hepatic artery proper
7. Hepatic portal vein
8. Quadrate lobe
9. Caudate lobe
10. Round ligament of the liver

B. Stomach
1. Cardia; cardial part
2. Pylorus
3. Lesser curvature
4. Greater curvature
5. Fundus of stomach
6. Body of stomach
7. Pyloric antrum
8. Gastric folds (Gastric rugae)
9. Angular incisure (Angular notch)
10. Pyloric sphincter muscle

C. Intestine
1. Duodenum
2. Jejunum
3. Ileum
4. Caecum
5. Appendix (Vermiform appendix)
6. Ascending colon
7. Transverse colon
8. Descending colon

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9. Sigmoid colon
10. Rectum

D. Pancreas

1. Head of pancreas
2. Body of pancreas
3. Tail of pancreas
4. Pancreatic duct
5. Accessory pancrealic duct (Santorini's duct)

E. Spleen

F. Posterior abdominal cavity

1. Left Kidney
2. Right Kidney
3. Suprarenal gland (Adrenal gland)
4. Renal cortex
5. Renal pyramids
6. Minor calices
7. Major calices
8. Renal pelvis
9. Ureter
10. Inferior vena cava
11. Abdominal aorta
12. Sacral plexus

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Pelvic cavity
(Female genital system)

1. Uterus
2. Vagina
3. Uterine tube (Fallopian tube)
4. Ovary
5. Urinary bladder
6. Female urethra
7. Labium minus
8. Labium majus
9. Bulb of vestibule
10. Greater vestibular gland (Bartholin's gland)
11. Clitoris
12. Vestibule
13. Mons pubis

Pelvic cavity
(Male genital system)

1. Testis
2. Epididymis
3. Ductus deferens; Vas

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deferens (Spermatic duct)
4. Seminal gland (Seminal vesicle)
5. Prostate
6. Bulbo-urethral gland (Cowper's gland)
7. Penis
8. Scrotum
9. Corpus cavernosum penis
10. Spongy (cavernous) urethra (Cavernous body of urethra)
11. Urinary bladder
12. Male urethra

Muscles

M1. Styloglossus muscle
M2. Stylohyoid muscle
M3. Digastric muscle, posterior belly
M4. Digastric muscle, anterior belly
M5. Mylohyoid muscle
M6. Sternocleidomastoid muscle
M7. Medius scalene muscle (Middle scalene muscle)
M8. Omohyoid muscle
M9. Pectoralis major muscle
M10. Pectoralis minor muscle
M11. Serratus anterior muscle
M12. Internal intercostal muscles
M13. Diaphragm
M14. External oblique muscle
M15. Internal oblique muscle
M16. Transversus abdominis muscle; Transverse abdominal muscle
M17. Quadratus lumborum muscle
M18. Psoas major muscle
M19. Psoas minor muscle
M20. Iliacus muscle
M21. Obturator Internus muscle
M22. Levator ani muscle
M23. Piriformis muscle
M24. Obturator externus muscle
M25. Adductor longus muscle
M26. Adductor brevis muscle
M27. Trapezius muscle
M29. Obliquus capitis superior

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muscle
M30. Rectus capitis posterior major
M31. Rectus capitis posterior minor muscle
M32. Infraspinatus muscle
M33. Teres major muscle
M34. Latissimus dorsi muscle
M35. Gluteus maximus muscle

Back

1. Spinal cord
2. Posterior root (Sensory root) (Dorsal root)
3. Anterior root (Motor root) (Ventral root)
4. Spinal ganglion (Dorsal root ganglion)
5. Spinal nerves
6. Posterior branch (Posterior ramus)
7. Anterior branch (Anterior ramus)
8. Communicating branch (Ramus comunicans)
9. Suboccipital nerve
10. Greater occipital nerve

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11. Conus medullaris (Medullary cone)
12. Filum terminale
13. Cauda equina
14. Spinal dura mater
15. Spinal arachnoid mater
16. Spinal pia mater
17. Transverse process
18. Vertebral artery
19. Internal vertebral plexus
20. 7th thoracic vertebrae
21. 12th thoracic vertebrae
22. Intervertebral disc
23. Anulus fibrosus
24. Nucleus pulposus

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