

ОБЩИЕ ПОНЯТИЯ

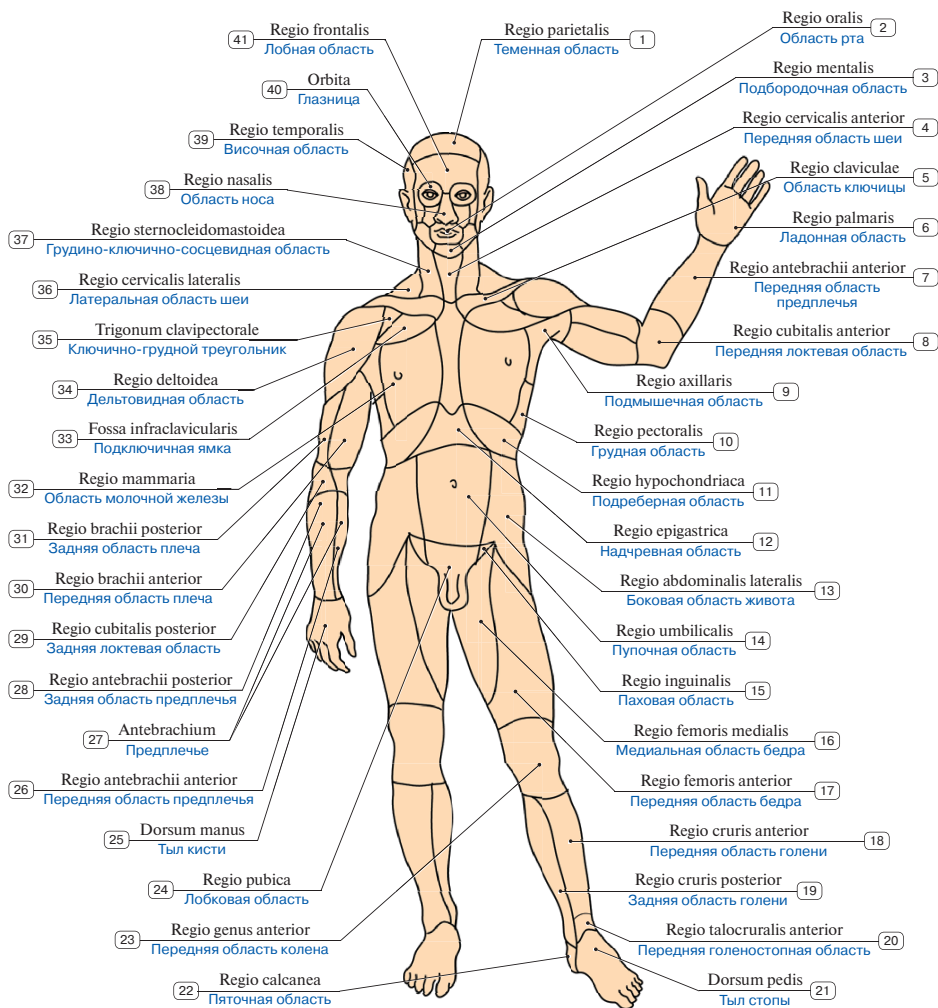


Рис. 1. Области тела человека. Передняя поверхность:

1 — Parietal region; 2 — Oral region; 3 — Mental region; 4 — Anterior cervical region; 5 — Region of clavicle; 6 — Palmar region; 7 — Anterior region of forearm; 8 — Anterior region of elbow; 9 — Axillary region; 10 — Pectoral region; 11 — Hypochondrium; 12 — Epigastric region; 13 — Lateral region of abdominal; 14 — Umbilical region; 15 — Inguinal region; 16 — Medial region of thigh; 17 — Anterior region of thigh; 18 — Anterior region of leg; 19 — Posterior region of leg; 20 — Anterior talocrural region; 21 — Dorsum of foot; 22 — Heel region; 23 — Anterior region of knee; 24 — Pubic region; 25 — Dorsum of hand; 26 — Anterior region of forearm; 27 — Forearm; 28 — Posterior region of forearm; 29 — Posterior region of forearm; 30 — Anterior region of arm; 31 — Posterior region of arm; 32 — Mammary region; 33 — Infraclavicular fossa; 34 — Deltoid region; 35 — Clavipectoral triangle; 36 — Lateral cervical region; 37 — Sternocleidomastoid region; 38 — Nasal region; 39 — Temporal region; 40 — Orbit; 41 — Frontal region

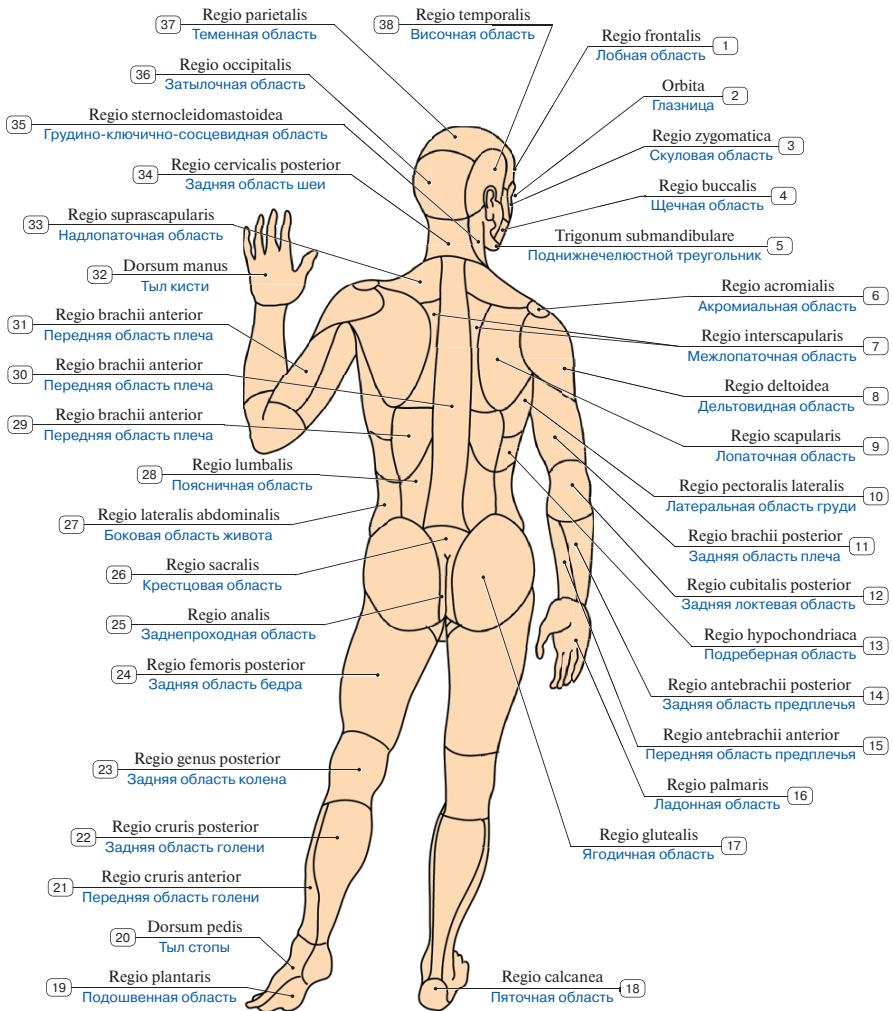


Рис. 2. Области тела человека. Задняя поверхность:

1 — Frontal region; 2 — Orbit; 3 — Zygomatic region; 4 — Buccal region; 5 — Submandibular triangle; 6 — Acromial region; 7 — Interscapular region; 8 — Deltoid region; 9 — Scapular region; 10 — Lateral pectoral region; 11 — Posterior region of arm; 12 — Posterior region of elbow; 13 — Hypochondrium; 14 — Posterior region of forearm; 15 — Anterior region of forearm; 16 — Palmar region; 17 — Gluteal region; 18 — Heel region; 19 — Plantar region; 20 — Dorsum of foot; 21 — Anterior region of leg; 22 — Posterior region of leg; 23 — Posterior region of knee; 24 — Posterior region of thigh; 25 — Anal triangle; 26 — Sacral region; 27 — Lateral region of abdominal; 28 — Lumbar region; 29 — Infrascapular region; 30 — Vertebral region; 31 — Anterior region of arm; 32 — Dorsum of hand; 33 — Suprascapular region; 34 — Posterior cervical region; 35 — Sternocleidomastoid region; 36 — Occipital region; 37 — Parietal region; 38 — Temporal region

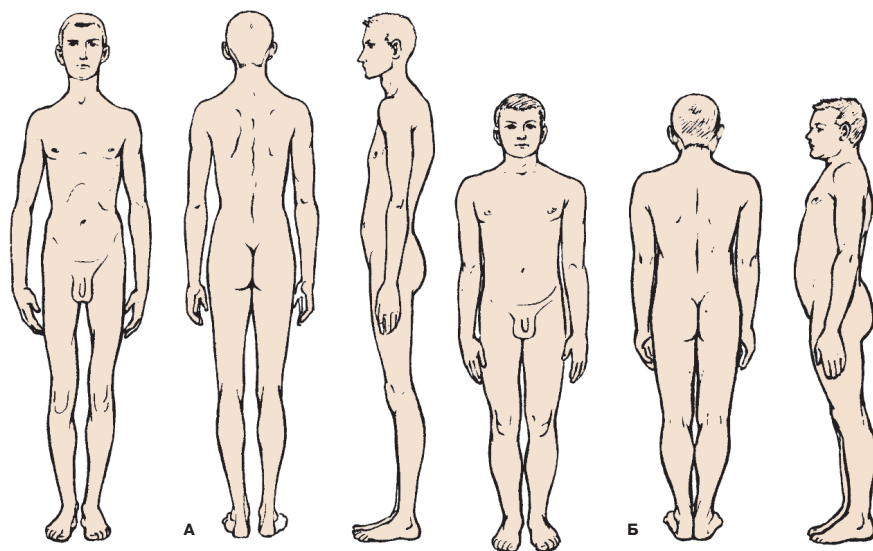


Рис. 3. Типы телосложения
(А — долихоморфный; Б — брахиморфный)

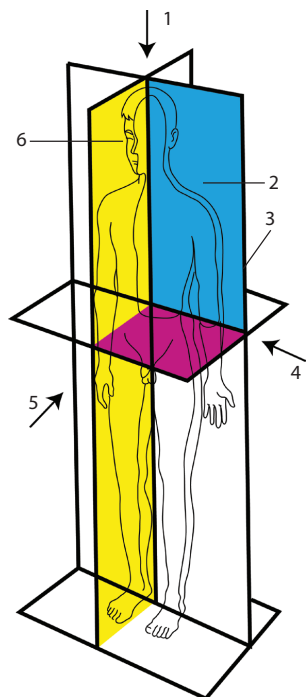


Рис. 4. Плоскости и оси тела человека:

1 — вертикальная ось; 2 — фронтальная плоскость; 3 — горизонтальная плоскость; 4 — поперечная (горизонтальная) ось; 5 — сагиттальная ось; 6 — сагиттальная плоскость

ОСТЕОЛОГИЯ (НАУКА О КОСТЯХ)

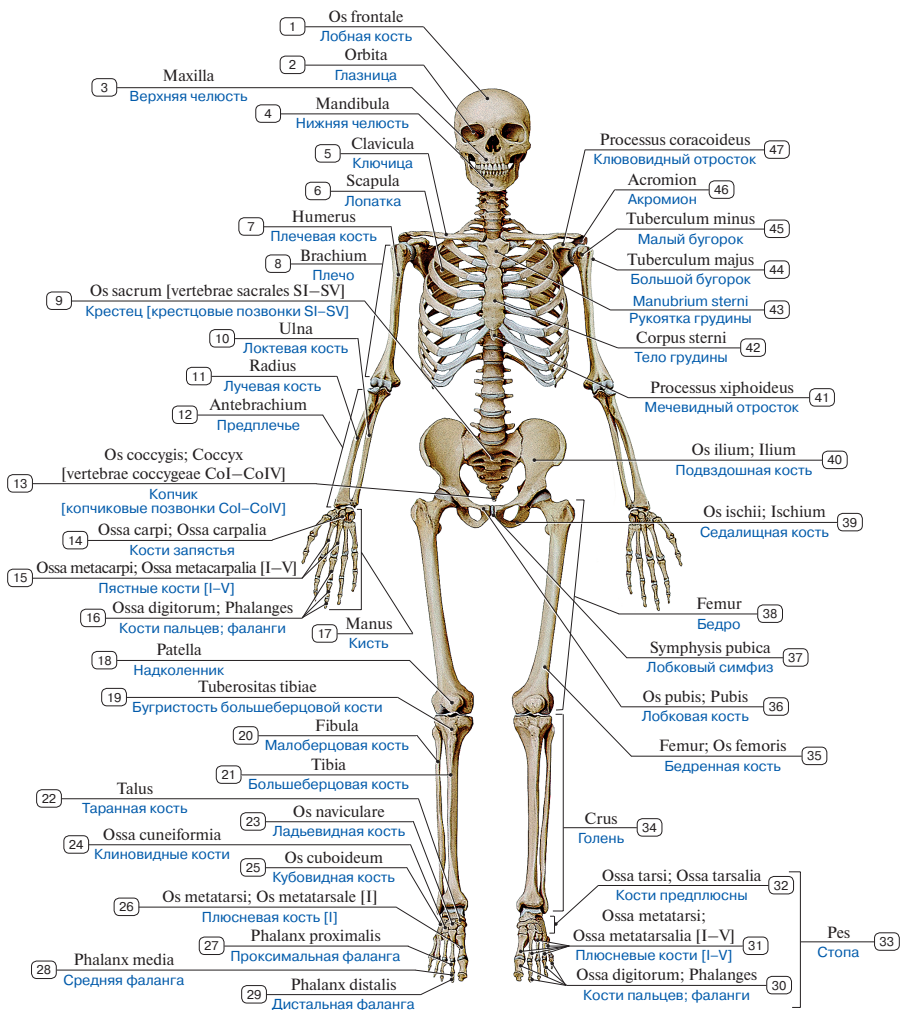


Рис. 5. Скелет человека, вид спереди:

1 – Frontal bone; 2 – Orbit; 3 – Maxilla; 4 – Mandible; 5 – Clavicle; 6 – Scapula; 7 – Humerus; 8 – Arm; 9 – Sacrum [sacral vertebrae SI–SV]; 10 – Ulna; 11 – Radius; 12 – Forearm; 13 – Coccyx [coccygeal vertebrae CoI–CoIV]; 14 – Carpal bones; 15 – Metacarpals [I–V]; 16 – Phalanges; 17 – Hand; 18 – Patella; 19 – Tibial tuberosity; 20 – Fibula; 21 – Tibia; 22 – Talus; 23 – Navicular; 24 – Cuneiform bone; 25 – Cuboid; 26 – Metatarsal [I]; 27 – Proximal phalanx; 28 – Middle phalanx; 29 – Distal phalanx; 30 – Phalanges; 31 – Metatarsals [I–V]; 32 – Tarsal bones; 33 = 30 + 31 + 32 – Foot; 34 – Leg; 35 – Femur; Thigh bone; 36 – Pubis; 37 – Pubic symphysis; 38 – Thigh; 39 – Ischium; 40 – Ilium; 41 – Xiphoid process; 42 – Body of sternum; 43 – Manubrium of sternum; 44 – Greater tubercle; 45 – Lesser tubercle; 46 – Acromion; 47 – Coracoid process

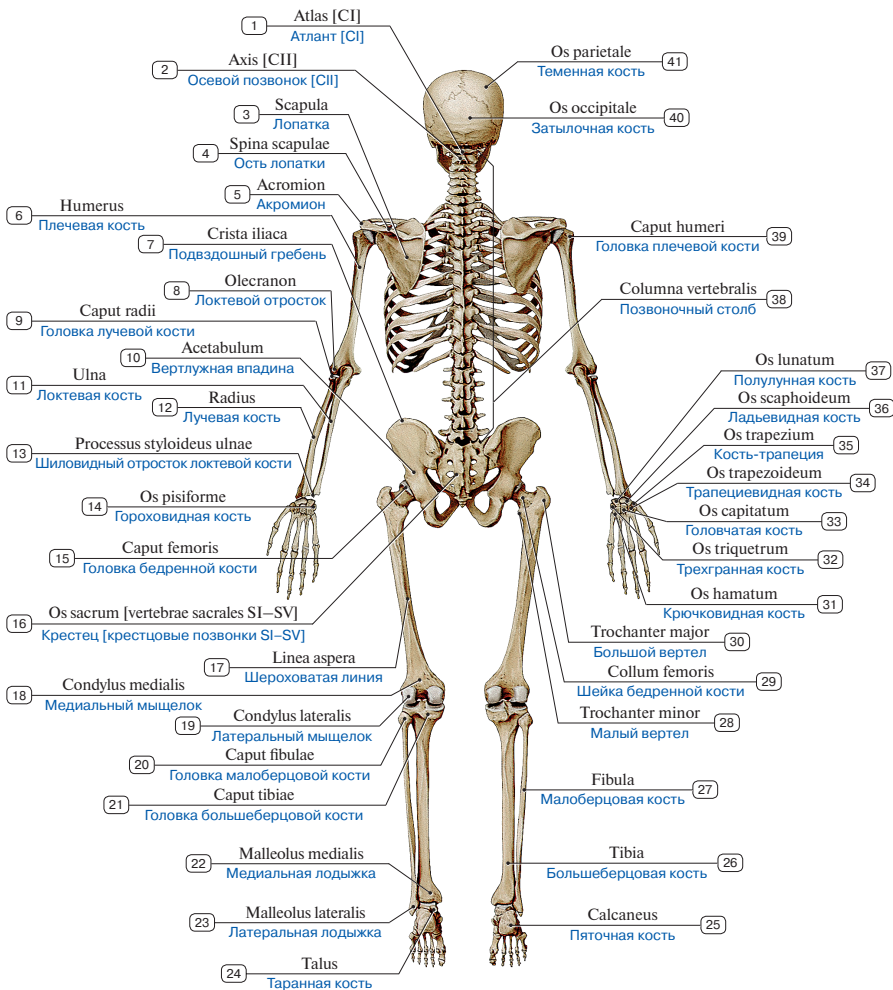


Рис. 6. Скелет человека, вид сзади:

1 – Atlas [CI]; 2 – Axis [CII]; 3 – Scapula; 4 – Spine of scapula; 5 – Acromion; 6 – Humerus; 7 – Iliac crest; 8 – Olecranon; 9 – Head of radius; 10 – Acetabulum; 11 – Ulna; 12 – Radius; 13 – Ulnar styloid process; 14 – Pisiform; 15 – Head of femur; 16 – Sacrum [sacral vertebrae SI–SV]; 17 – Linea aspera; 18 – Medial condyle; 19 – Lateral condyle; 20 – Head of fibula; 21 – Head of tibia; 22 – Medial malleolus; 23 – Lateral malleolus; 24 – Talus; 25 – Calcaneus; 26 – Tibia; 27 – Fibula; 28 – Lesser trochanter; 29 – Neck of femur; 30 – Greater trochanter; 31 – Hamate; 32 – Triquetrum; 33 – Capitate; 34 – Trapezoid; 35 – Trapezium; 36 – Scaphoid; 37 – Lunate; 38 – Vertebral column; 39 – Head of humerus; 40 – Occipital bone; 41 – Parietal bone

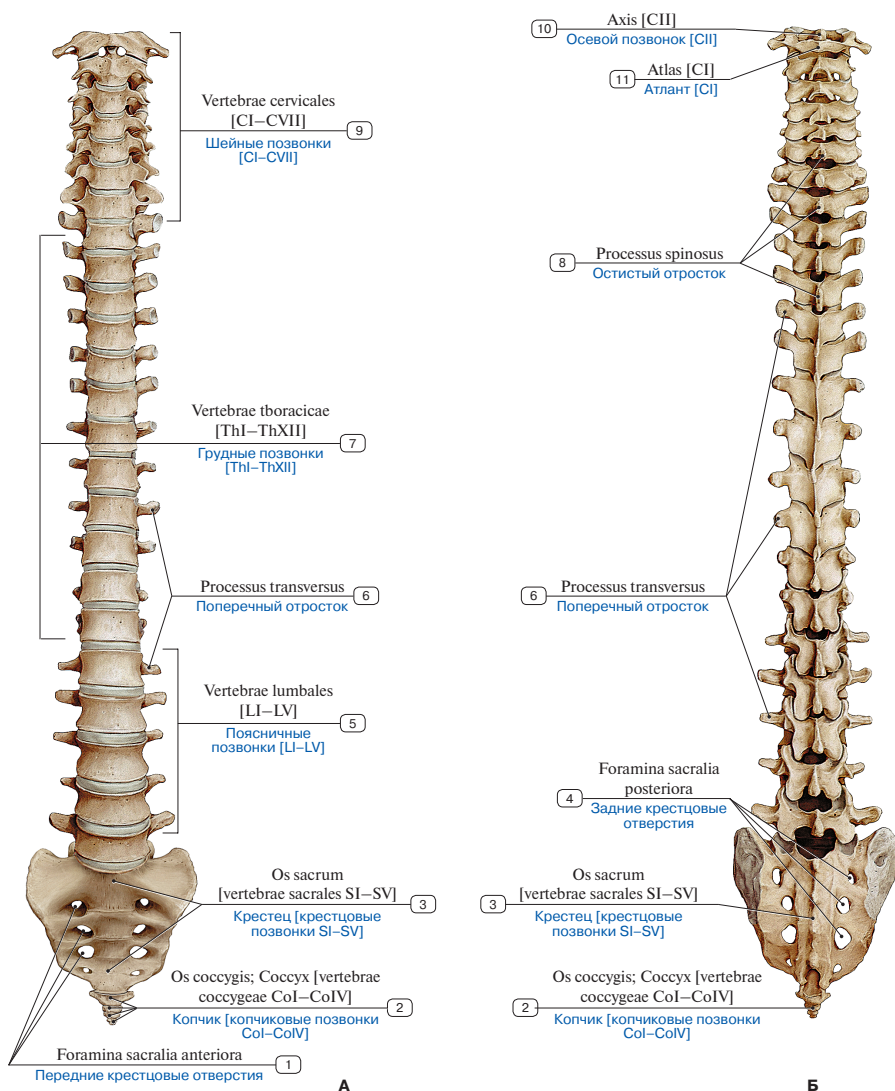


Рис. 7. Позвоночный столб (А – вид спереди, Б – вид сзади):

1 – Anterior sacral foramina; 2 – Coccyx [coccygeal vertebrae CoI-CoIV]; 3 – Sacrum [sacral vertebrae SI-SV]; 4 – Posterior sacral foramina; 5 – Lumbar vertebrae [LI-LV]; 6 – Transverse process; 7 – Thoracic vertebrae [ThI-ThXII]; 8 – Spinous process; 9 – Cervical vertebrae [CI-CVII]; 10 – Axis [CII]; 11 – Atlas [CI]

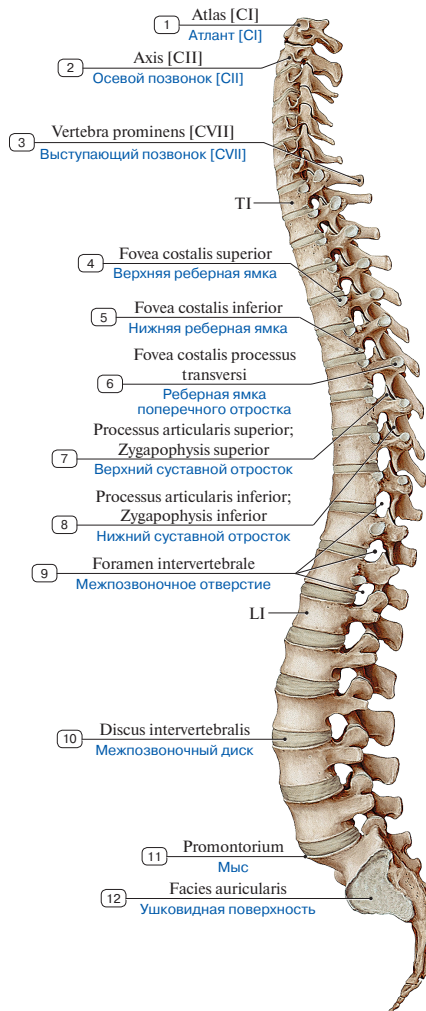


Рис. 8. Позвоночный столб, вид сбоку, слева:

1 – Atlas [CI]; 2 – Axis [CII]; 3 – Vertebra prominens [CVII]; 4 – Superior costal facet; 5 – Inferior costal facet; 6 – Transverse costal facet; 7 – Superior articular process; 8 – Inferior articular process; 9 – Intervertebral foramen; 10 – Intervertebral disc; 11 – Promontory; 12 – Auricular surface

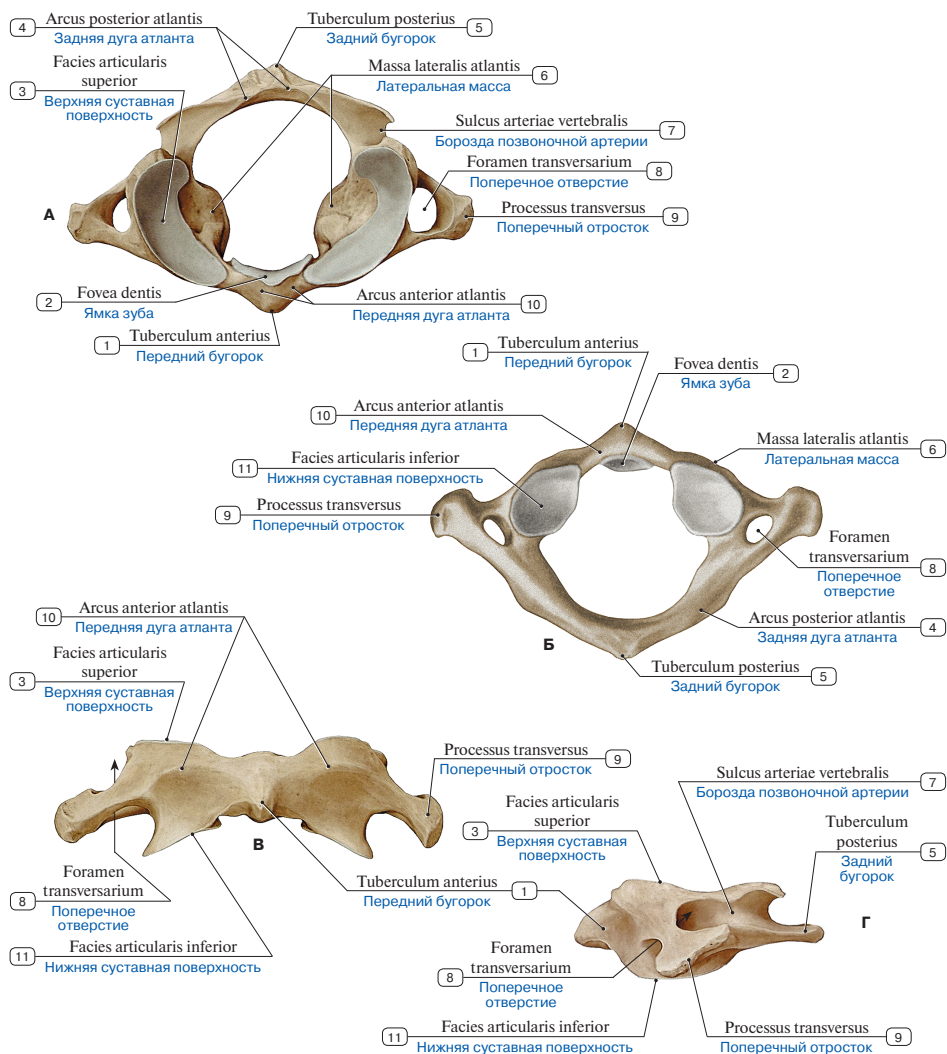


Рис. 9. Первый шейный позвонок, атлант [C1]

(А – вид сверху, Б – вид снизу, В – вид спереди, Г – вид сбоку, слева):

1 – Anterior tubercle; 2 – Facet for dens; 3 – Superior articular surface; 4 – Posterior arch; 5 – Posterior tubercle; 6 – Lateral mass; 7 – Groove for vertebral artery; 8 – Foramen transversarium; 9 – Transverse process; 10 – Anterior arch; 11 – Inferior articular surface

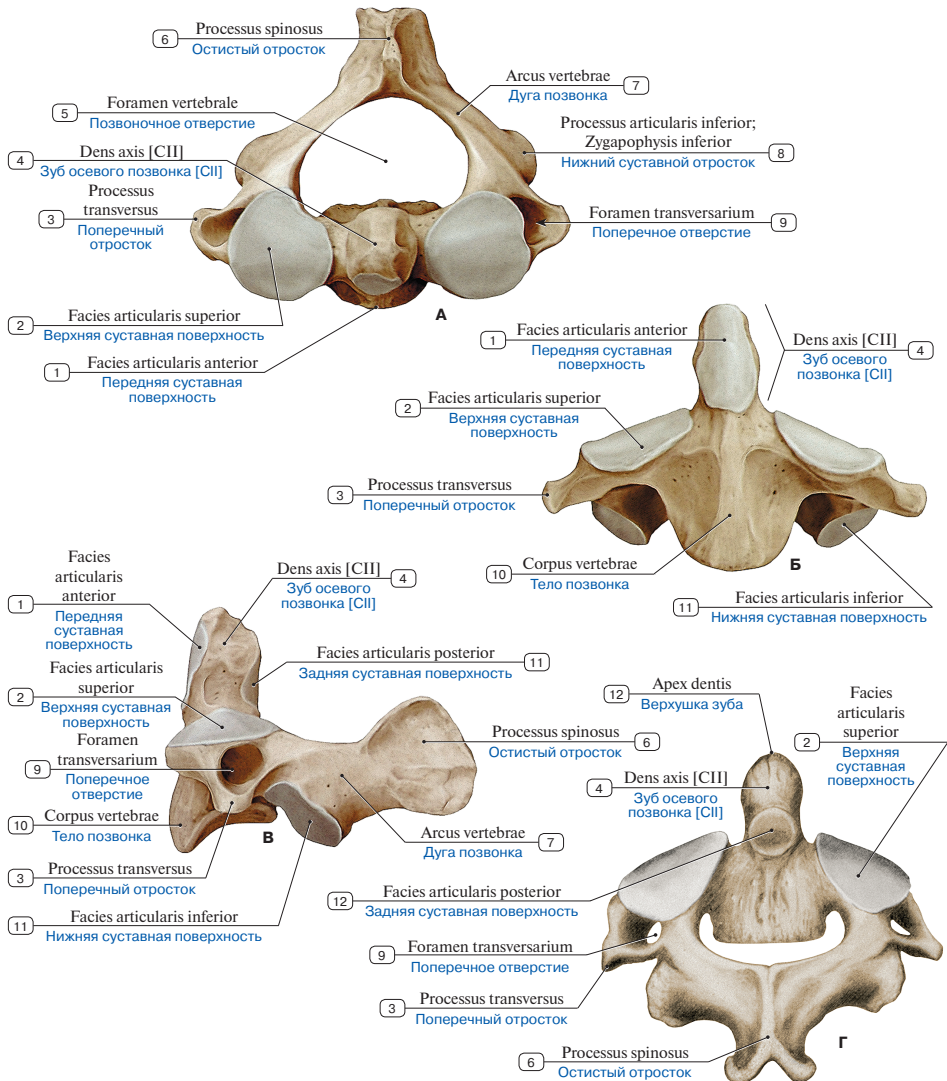


Рис. 10. Второй шейный позвонок, осевой [CII]

(А – вид сверху, Б – вид спереди, В – вид сбоку, слева, Г – вид сзади):

1 – Anterior articular facet; 2 – Superior articular surface; 3 – Transverse process; 4 – Dens axis [CII]; 5 – Vertebral foramen; 6 – Spinous process; 7 – Vertebral arch; 8 – Inferior articular process; 9 – Foramen transversarium; 10 – Vertebral body; 11 – Posterior articular facet; 12 – Apex of dens

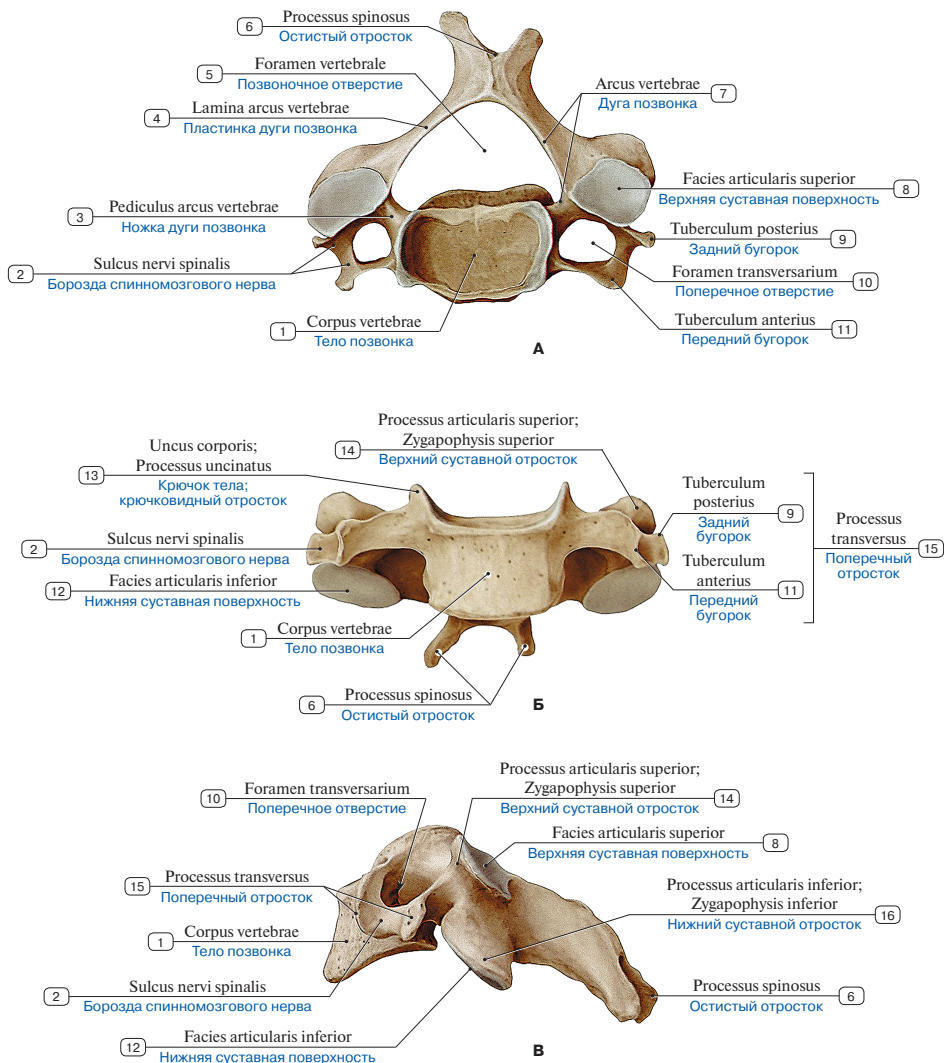


Рис. 11. Четвертый шейный позвонок [CIV]

(А — вид сверху, Б — вид спереди, В — вид сбоку, слева):

1 — Vertebral body; 2 — Groove for spinal nerve; 3 — Pedicle of vertebral arch; 4 — Lamina of vertebral arch; 5 — Vertebral foramen; 6 — Spinous process; 7 — Vertebral arch; 8 — Superior articular facet; 9 — Posterior tubercle; 10 — Foramen transversarium; 11 — Anterior tubercle; 12 — Inferior articular facet; 13 — Uncus of body; Uncinate process; 14 — Superior articular process; 15 — Transverse process; 16 — Inferior articular process

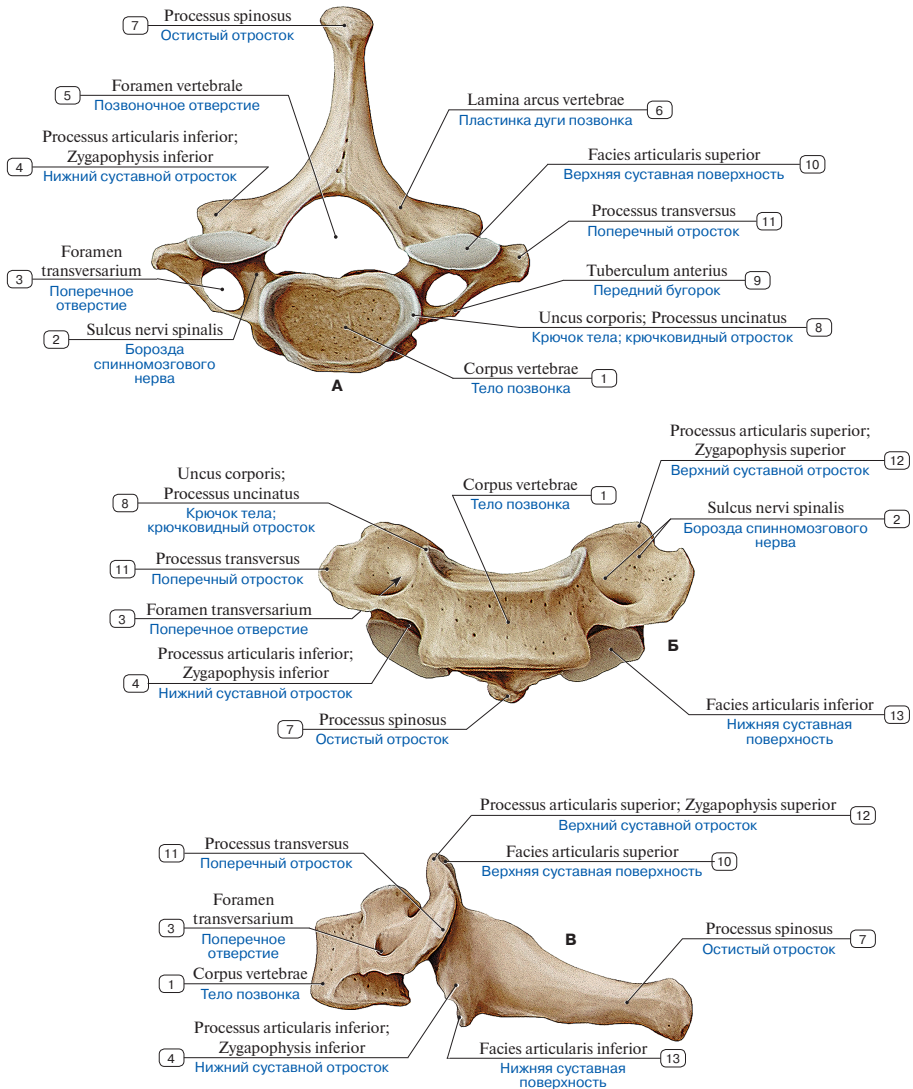


Рис. 12. Седьмой шейный позвонок [CVII]

(А – вид сверху, Б – вид спереди, В – вид сбоку, слева):

- 1 – Vertebral body; 2 – Groove for spinal nerve; 3 – Foramen transversarium; 4 – Inferior articular process; 5 – Vertebral foramen; 6 – Lamina of vertebral arch; 7 – Spinous process; 8 – Uncus of body; Uncinate process; 9 – Anterior tubercle; 10 – Superior articular facet; 11 – Transverse process; 12 – Superior articular process; 13 – Inferior articular facet

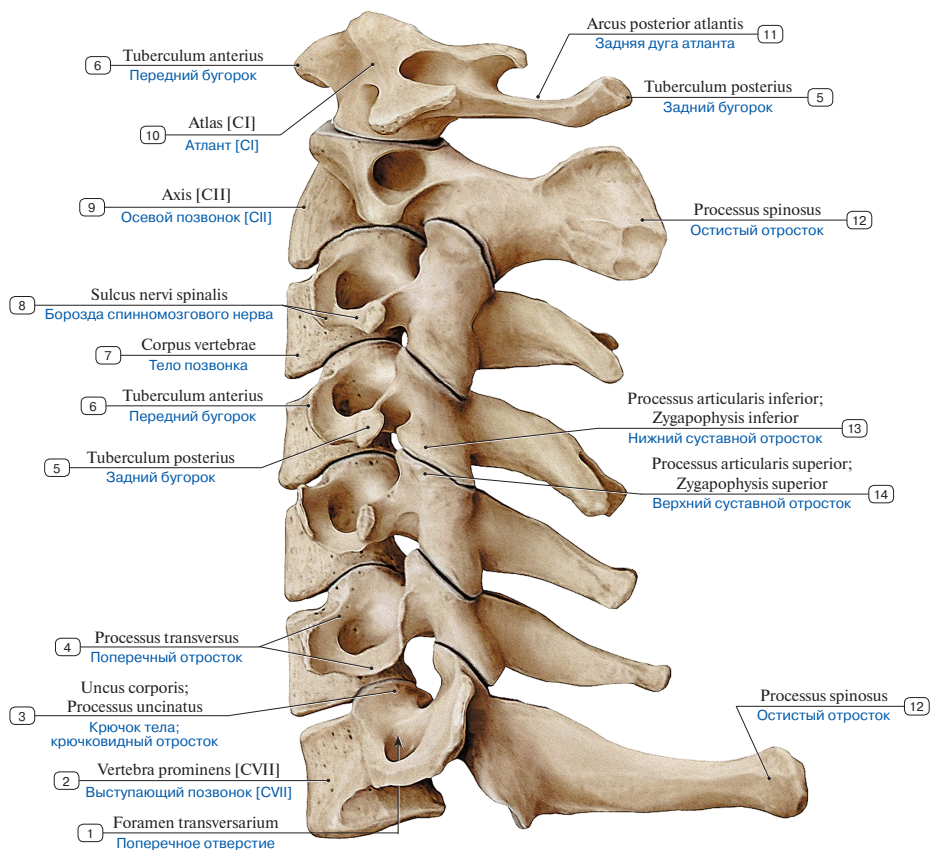


Рис. 13. Шейный отдел позвоночного столба, вид сбоку, слева:

1 – Foramen transversarium; 2 – Vertebra prominens [CVII]; 3 – Uncus of body; Uncinate process; 4 – Transverse process; 5 – Posterior tubercle; 6 – Anterior tubercle; 7 – Vertebral body; 8 – Groove for spinal nerve; 9 – Axis [CII]; 10 – Atlas [CI]; 11 – Posterior arch; 12 – Spinous process; 13 – Inferior articular process; 14 – Superior articular process

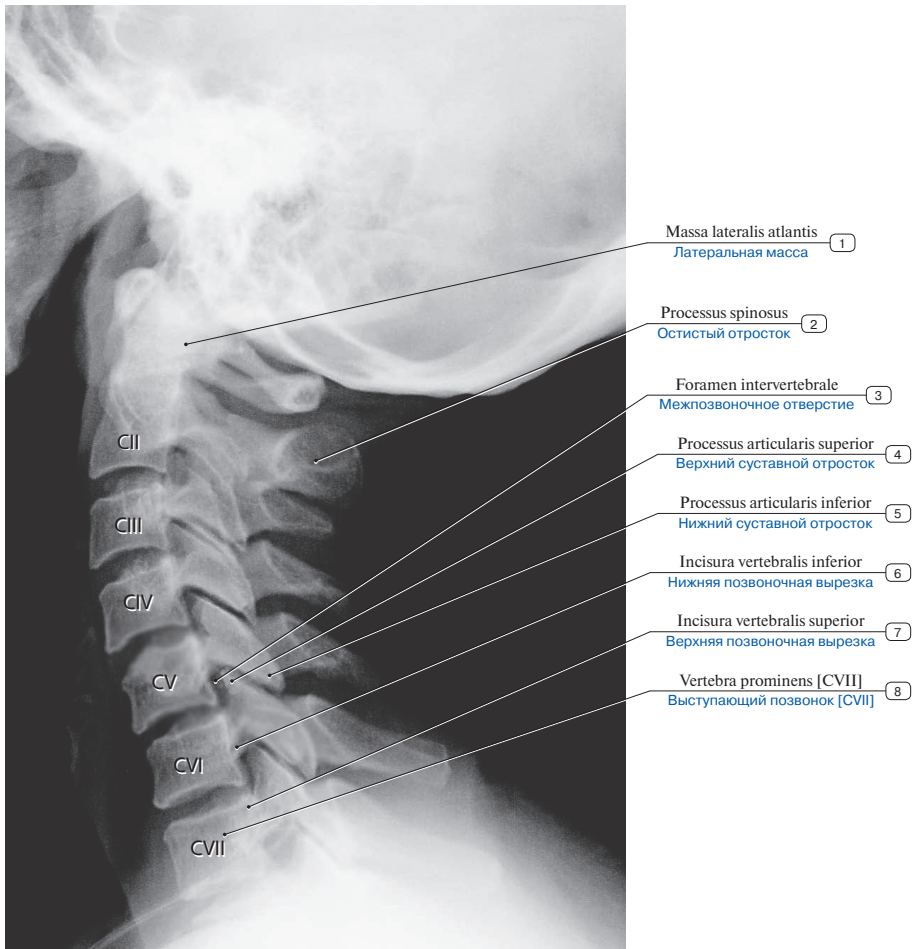


Рис. 14. Рентгенограмма шейного отдела позвоночника, боковая проекция:

1 – Lateral mass; 2 – Spinous process; 3 – Intervertebral foramen; 4 – Superior articular process; 5 – Inferior articular process;
6 – Inferior vertebral notch; 7 – Superior vertebral notch; 8 – Vertebra prominens [CVII]

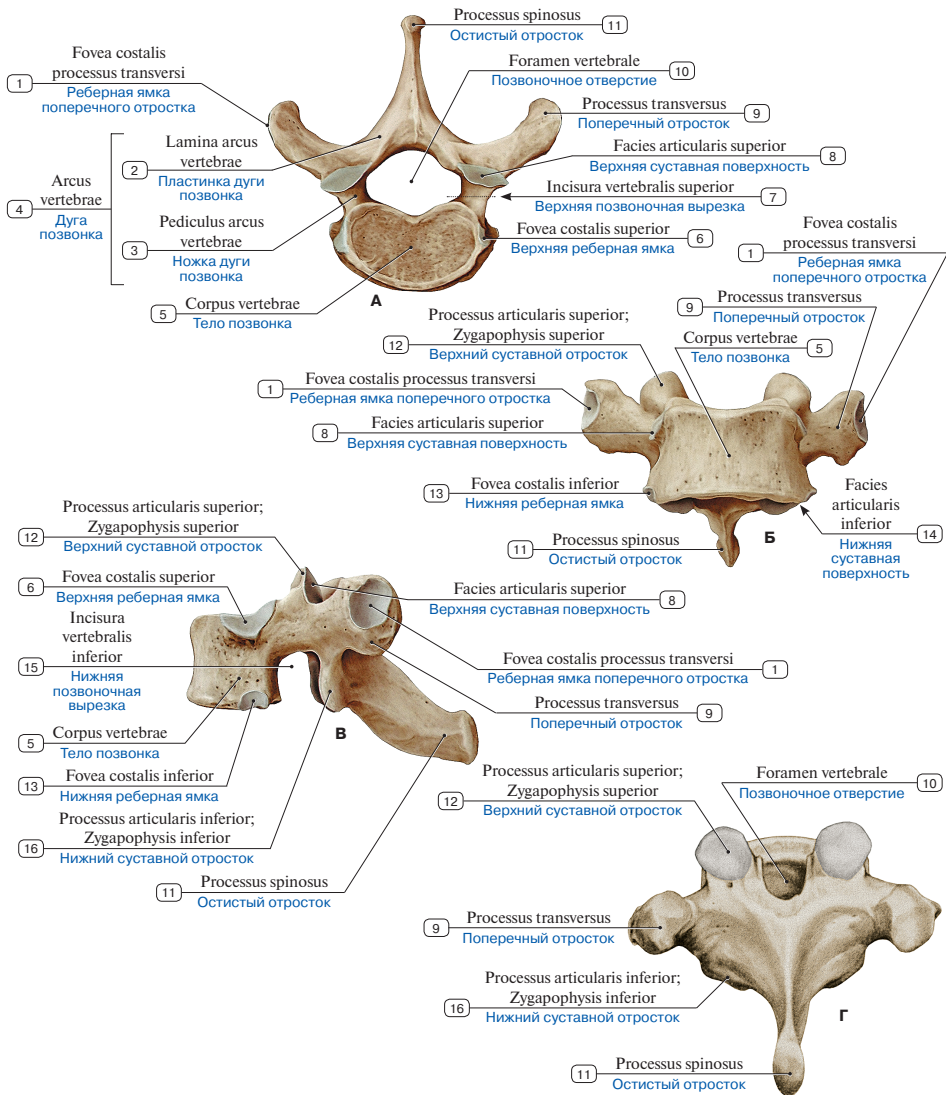


Рис. 15. Первый грудной позвонок [T1]

(А – вид сверху, Б – вид спереди, В – вид сбоку, слева, Г – вид сзади):

1 – Transverse costal facet; 2 – Lamina of vertebral arch; 3 – Pedicle of vertebral arch; 4 = 2 + 3 – Vertebral arch; 5 – Vertebral body; 6 – Superior costal facet; 7 – Superior vertebral notch; 8 – Superior articular facet; 9 – Transverse process; 10 – Vertebral foramen; 11 – Spinous process; 12 – Superior articular process; 13 – Inferior costal facet; 14 – Inferior articular facet; 15 – Inferior vertebral notch; 16 – Inferior articular process

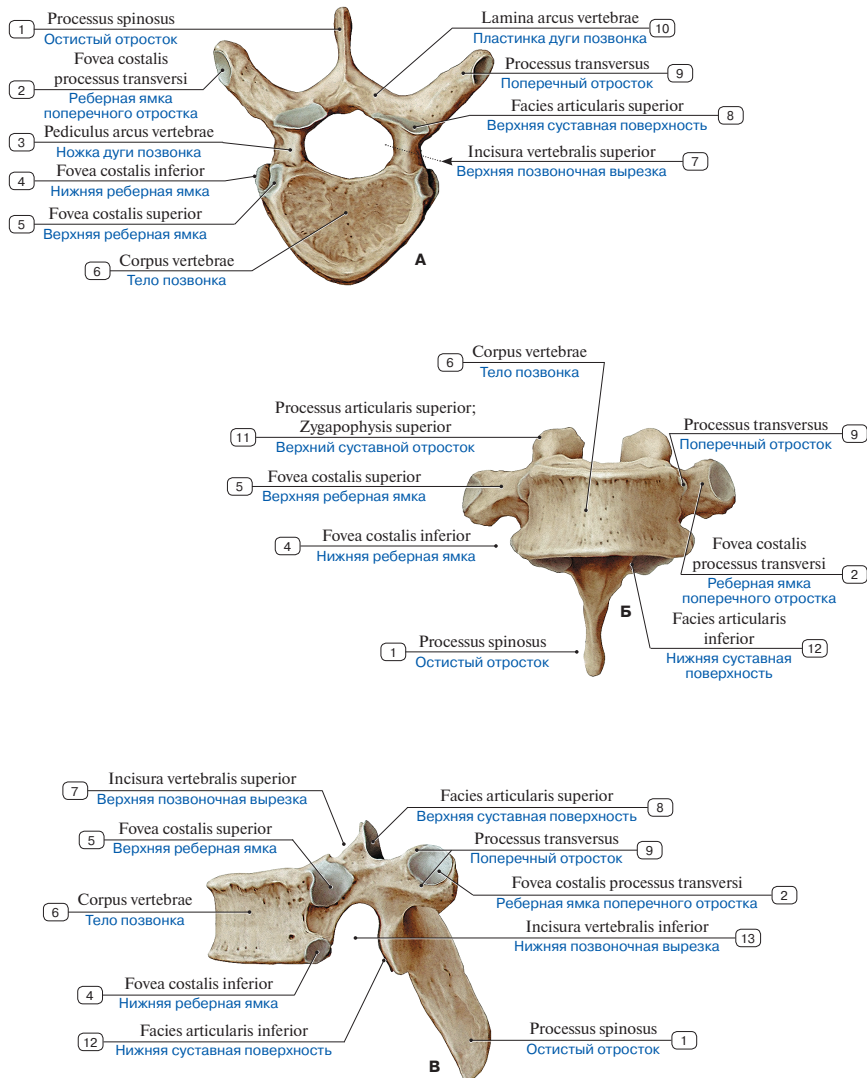


Рис. 16. Четвертый грудной позвонок [TIV]

(А — вид сверху, Б — вид спереди, В — вид сбоку, слева):

- 1 — Spinous process; 2 — Transverse costal facet; 3 — Pedicle of vertebral arch; 4 — Inferior costal facet; 5 — Superior costal facet; 6 — Vertebral body; 7 — Superior vertebral notch; 8 — Superior articular facet; 9 — Transverse process; 10 — Lamina of vertebral arch; 11 — Superior articular process; 12 — Inferior articular facet; 13 — Inferior vertebral notch

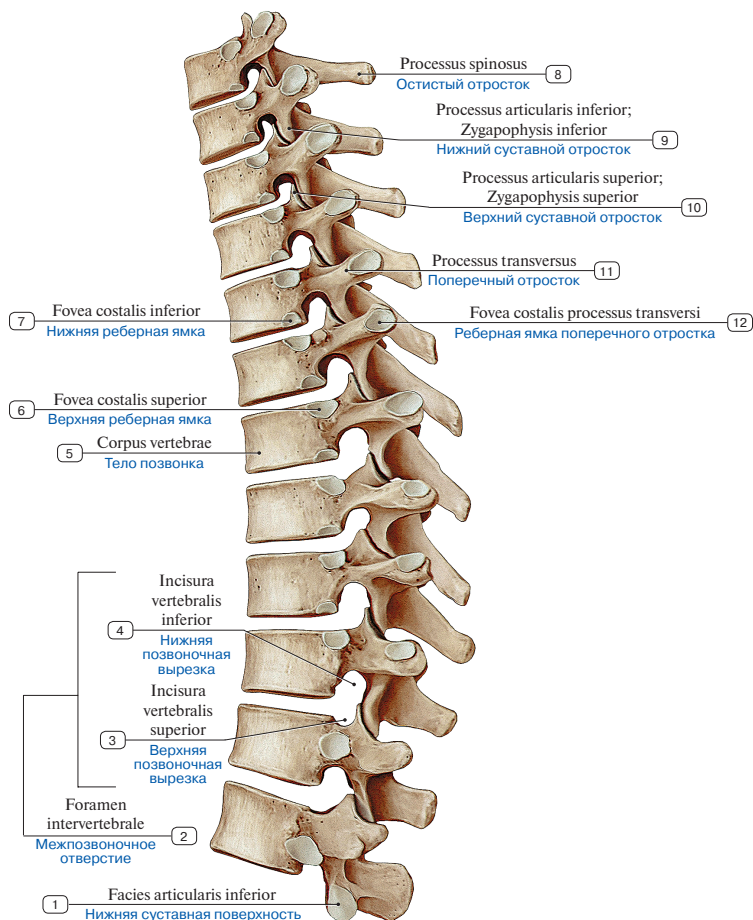


Рис. 17. Грудной отдел позвоночного столба, вид сбоку, слева:

1 – Inferior articular facet; 2 = 3 + 4 – Intervertebral foramen; 3 – Superior vertebral notch; 4 – Inferior vertebral notch; 5 – Vertebral body; 6 – Superior costal fovea; 7 – Inferior costal fovea; 8 – Spinous process; 9 – Inferior articular process; 10 – Superior articular process; 11 – Transverse process; 12 – Transverse costal fovea