

가

GENERAL TERMS

Vertical

Horizontal

Median

Coronal

Sagittal

Right ()

Left ()

Transverse 가

Medial []

Intermediate

Lateral 가 []

Anterior

Posterior

Ventral

Dorsal

Frontal

Occipital

Superior

Inferior

Cranial

Caudal

Rostral

Apical

"Base, Basal"

Basilar

Middle

Transverse

가

Longitudinal

Axial

External

[]

Internal

[]

Superficial

Deep

Proximal

Distal

Central

" , "

" , "

Peripheral

Radial

()

Ulnar ()

Fibular ()

Tibial ()

Palmar

Volar

Plantar

Flexor

Extensor

TERMS OF MOVEMENT

Flexion

Forward flexion

Backward flexion

Lateral flexion

Dorsal flexion

Palmar flexion

Dorsal flexion

Plantar flexion

Extension

Hyperextension

Adduction

Abduction

Circumduction

Rotation

Medial rotation

()

Lateral rotation

가

()

Pronation

Supination

Opposition

Inversion

Eversion

가

Elevation

Depression

Protraction

Retraction

Constriction

Dilatation

THE OTHER TERMS

Origin

Insertion

Vertebral curvature

Cervical curvature

()

Thoracic curvature

()

Lumbar curvature ()

Sacral curvature ()

REGIONS AND PARTS OF BODY

Midsternal line

Lateral sternal line 가

Parasternal line

Midclavicular line

Mammary line

Anterior axillary line

Midaxillary line

Posterior axillary line

Scapular line

Paravertebral line

Posterior median line

Subcostal plane

Transpyloric plane 가

Supracristal plane

Transtubercular plane

Interspinal plane 가

Preaxillary line

Postaxillary line

Head

Frontal region

Parietal region

Occipital region

Temporal region

Face

" , "

Orbital region

Nasal region

Oral region

Mental region

()

Infraorbital region

Buccal region

Zygomatic region

Neck

" , "

Anterior triangle of neck

Submandibular triangle

Carotid triangle

Muscular triangle

Submental triangle

Sternocleidomastoid region

Lesser supraclavicular fossa

Posterior triangle of neck	
Supraclavicular triangle	
Greater supraclavicular fossa	
Nuchal region	" , "
Chest	가
Presternal region	
Infraclavicular fossa	
Clavipectoral triangle	
Pectoral region	가
Mammary region	
Inframammary region	
Axillary region	
Axilla [Axillary fossa]	
Abdomen	" , "
Hypochondriac region	
Epigastric region	
Lumbar region	
Umbilical region	()
Inguinal region	
Pubic region	
Back	" , "

Vertebral region

Sacral region

Scapular region

Infrascapular region

Lumbar region

Lumbar triangle

Perineum

[]

Anal triangle

Urogenital triangle

Upper limb

Deltoid region

Arm

Front of arm

Back of arm

Elbow

()

Front of elbow

Cubital[Antecubital] fossa

Lateral bicipital groove

↗

Medial bicipital groove

Back of elbow

Forearm

Front of forearm		
Back of forearm		
Lateral margin	가	
Medial margin		
Wrist		
Front of wrist		
Back of wrist		
Hand		()
Dorsum of hand		" , "
Palm of hand		" , "
Thenar eminence		
Hypothenar eminence		
Metacarpus		()
Fingers	가	
Thumb [First finger]	가	" 가 , "
Index [Second] finger	가	" 가 , "
Middle [Third] finger	가 가	"가 가 , "
Ring [Fourth] finger	가	" , , "
Little [Fifth] finger	가	" 가 , "
Palmar surface of fingers	가	
Dorsal surface of fingers	가	

Lower limb		
Gluteal region		
Gluteal sulcus		
Coxae		
Thigh		
Front of thigh	"	,
Femoral triangle	"	"
Back of thigh	"	,
Knee	"	, ()"
Front of knee		
Back of knee		
Popliteal fossa		
Leg		
Front of leg		
Back of leg		
Calf		
Front of ankle	"	,
Back of ankle	"	,
Foot	"	,
Heel	"	,
Dorsum of foot	"	,

Sole of foot	"	,	"
Lateral margin of foot	가		
Medial margin of foot			
Tarsus			
Metatarsus		()	
Toes	가		
Great[First] toe	가		
Second toes	가		2
Third toe	가		3
Fourth toe	가		4
Little[Fifth] toe	가		
Plantar surface of toes	가		
Dorsal surface of toes	가		
OSTEOLOGY			
SKELETAL SYSTEM	[]		
General terminology			
Bony part			
Periosteum	() []		
Endosteum	[]		
Cortical substance			
Compact bone			

Spongy[Cancellous] bone

[]

Cartilaginous part

Perichondrium

Axial skeleton

Appendicular skeleton

Long bone

Short bone

Flat bone

Irregular bone

Pneumatic bone

Epiphysis

Metaphysis

Epiphyseal cartilage

Epiphyseal line

Diaphysis

Articular surface

Marrow cavity

[]

Yellow marrow

[]

Red marrow

[]

Nutrient foramen

Nutrient canal

Ossification center

Primary ossification center

Secondary ossification center

AXIAL SKELETON

SKULL

[]

Cranial cavity

[]

Pericranium

() []

Outer table

Diploe

Canales diploici

Internal table

Groove for superior sagittal sinus

Granular foveolae

Digital impressions

↗

Grooves for veins

Grooves for arteries

(Sutural bones)

()

Floor of cranial cavity [Interior of skull base]

()

Anterior cranial fossa

Middle cranial fossa

Posterior cranial fossa

Clivus

Groove for inferior petrosal sinus

Fontanelles

Anterior fontanelle

Posterior fontanelle

Sphenoidal fontanelles

가

Mastoid fontanelles

가

Norma verticalis

Bregma

()

Vertex

Occiput

Norma frontalis

Forehead

()

Nasion

Gnathion

Orbit

[]

Base of orbit

Margin of orbit

Supraorbital margin

Infraorbital margin

Lateral margin

가

Medial margin	
Superior wall	[]
Inferior wall	[]
Lateral wall	↗
Medial wall	
Anterior ethmoidal foramen	
Posterior ethmoidal foramen	
Lacrimal sulcus	
Fossa for lacrimal sac	
Superior orbital fissure	
Inferior orbital fissure	
Nasal cavity	[]
Bony part of nasal septum	
Piriform aperture	
Superior meatus	[]
Middle meatus	[]
Inferior meatus	[]
Nasolacrimal canal	
Sphenoethmoidal recess	
Nasopharyngeal meatus	
Choanae	

Sphenopalatine foramen

Norma lateralis

Pterion ()

Asterion ()

Gonion

Temporal fossa

Zygomatic arch

Infratemporal fossa

Pterygopalatine fossa

Pterygomaxillary fissure

Norma basalis []

Jugular foramen

Sphenopetrosus fissure

Petro-occipital fissure

Foramen lacerum

Bony palate

Greater palatine canal

Greater palatine foramen

Lesser palatine foramen

Incisive fossa

Incisive canal

Incisive foramen		
(Torus palatinus)	()
Palatovaginal canal		
Vomerovaginal canal		
Vomerorostral canal		
Norma occipitalis		
Inion	"	,
Lambda		"
BONES OF SKULL		
Neurocranium	[]
Calvaria		
Parietal bone	[]
Internal surface		
Groove for sigmoid sinus		
Groove for superior sagittal sinus		
Groove for middle meningeal artery		
External surface		
Superior temporal line		
Inferior temporal line		
Parietal eminence		
Occipital border		

Squamous border
Sagittal border
Frontal border
Frontal angle
Occipital angle
Sphenoidal angle
Mastoid angle
Parietal foramen
Frontal bone []
Squama of frontal bone
External surface
Frontal eminence
Superciliary arch
Glabella []
(Frontal suture) ()
Supraorbital margin
Supraorbital notch
Supraorbital foramen
Frontal notch
Frontal foramen
Temporal surface

Parietal border	
Temporal line	
Zygomatic process	
Internal surface	
Frontal crest	
Groove for superior sagittal sinus	
Foramen cecum	
(Metopic suture)	()
Nasal part	
Nasal spine	가
Nasal border	
Orbital part	
Orbital surface	
(Trochlear spine)	(가)
Trochlear fovea	
Ethmoidal foramina	
Fossa for lacrimal gland	
Ethmoidal notch	
Frontal sinus	
Aperture of frontal sinus	
Septum of frontal sinus	

Squama of occipital bone
Squama of temporal bone
Chondrocranium
Occipital bone []
Foramen magnum
Basion
Opisthion
Basilar part
Clivus
Pharyngeal tubercle
Groove for inferior petrosal sinus
Lateral part ♂
Squama of occipital bone
Mastoid border
Lambdoid border
(Interparietal bone) ()
Occipital condyle
Condyloid canal
Hypoglossal canal
Condyloid fossa
Jugular tubercle

Jugular notch

Jugular process

Intrajugular process

External occipital protuberance

(External occipital crest) ()

Highest nuchal line

()

Superior nuchal line

()

Inferior nuchal line

()

Planum occipitale

Eminentia cruciata

Internal occipital protuberance

(Internal occipital crest) ()

Groove for transverse sinus

↗

Groove for sigmoid sinus

Groove for Occipital Sinus

Paramastoid process

()

Cerebral fossa

Cerebellar fossa

Sphenoid bone

[]

Body

Sphenoidal yoke

Chiasmatic groove
Sella turcica
Tuberculum sellae
(Middle clinoid process) ()
Hypophysial fossa
Dorsum sellae
Posterior clinoid process
Carotid sulcus
Sphenoidal lingula
Sphenoidal crest
Sphenoidal rostrum
Sphenoidal sinus
Septum of sphenoidal sinus
Aperture of sphenoidal sinus
Sphenoidal conchae
Lesser wing
Optic canal
Anterior clinoid process
Superior orbital fissure
Great wing
Cerebral surface

Temporal surface
Maxillary surface
Orbital surface
Zygomatic border
Frontal border
Parietal border
Squamous border
Infratemporal crest
Foramen rotundum
Foramen ovale
(Emissary sphenoidal foramen) ()
Foramen spinosum
(Foramen petrosum) ()
Sphenoidal spine 가
Groove for auditory tube
Pterygoid process
Lateral plate 가
Medial plate
Pterygoid notch
Pterygoid fossa
Scaphoid fossa

Vaginal process
Palatovaginal groove
Vomerovaginal groove
Pterygoid hamulus
Sulcus of pterygoid hamulus
Pterygoid canal
Pterygospinous process
Temporal bone
Petromastoid part
Occipital border
Mastoid process
Mastoid notch
Groove for sigmoid sinus
Groove for occipital artery
Mastoid foramen
Facial canal
Geniculum of facial canal
Canalculus of chorda tympani
Apex of petrous portion
Carotid canal
Caroticotympanic canal

가

[]

()

Musculotubal canal
Semicanal for tensor tympani muscle
Semicanal for auditory tube
Septum of musculotubal canal
Anterior surface of petrous portion
Tegmen tympani
Arcuate eminence
Hiatus of facial canal
Groove for greater petrosal nerve
Hiatus of canal for lesser petrosal nerve
Groove for lesser petrosal nerve
Trigeminal impression
Superior border of petrous portion
Groove for superior petrosal sinus
Posterior surface of petrous portion
Internal acoustic pore
Internal acoustic meatus []
Subarcuate fossa
Vestibular aqueduct
External aperture of vestibular aqueduct
Posterior border of petrous portion

Groove for inferior petrosal sinus

Jugular notch

Intrajugular process

Cochlear aqueduct

External aperture of cochlear aqueduct

Inferior surface of petrous portion

Jugular fossa

Cochlear canaliculus

External aperture of cochlear canaliculus

Mastoid canaliculus

Jugular notch

Styloid process

Styломastoid foramen

Tympanic canaliculus

Petrosal fossula

Tympanic cavity

Petrotympanic fissure

Petrosquamous fissure

Tympanomastoid fissure

Tympanosquamous fissure

Tympanic part

Tympanic ring

External acoustic meatus

[]

External acoustic pore

Greater tympanic spine

가

Lesser tympanic spine

가

Tympanic groove

Tympanic notch

Sheath of styloid process

Squama of temporal bone

Parietal border

Parietal notch

Sphenoidal border

Temporal surface

Groove for middle temporal artery

Zygomatic process

Suprameatal crest

Suprameatal foveola

(Suprameatal spine)

(가)

Mandibular fossa

Articular surface

Articular tubercle

Cerebral surface

Ethmoid bone

[]

Cribriform plate

Olfactory foramina

Crista galli

Alae of crista galli

Perpendicular plate

Ethmoidal labyrinth

Ethmoidal cells

Orbital plate

Ethmoidal foramina

(Supreme nasal concha)

()

Superior nasal concha

Middle nasal concha

Ethmoidal bulla

Uncinate process

Ethmoidal infundibulum

Semilunar hiatus

Facial cranium [Viscerocranum]

Inferior nasal concha

Lacrimal process

Maxillary process []
Ethmoidal process
Lacrimal bone []
Posterior lacrimal crest
Lacrimal hamulus
Lacrimal groove
Nasal bone []
Ethmoidal groove
Vascular foramen
Vomer []
Ala of vomer
Groove for nasopalatine nerve
Posterior border of vomer
Pars cuneiformis
Maxilla []
Body of maxilla
Orbital surface
Infraorbital canal
Infraorbital groove
Infraorbital margin
Anterior surface

Infraorbital foramen

Canine fossa

Nasal notch

Anterior nasal spine

가

Zygomaticomaxillary suture

Infratemporal surface

Alveolar foramina

Alveolar canal

Maxillary tuberosity

Nasal surface

Lacrimal groove

Conchal crest

Lacrimal border

Maxillary hiatus

Greater palatine groove

Maxillary sinus

Frontal process

Anterior lacrimal crest

Lacrimal notch

Ethmoidal crest

Zygomatic process

Palatine process

Nasal crest

(Incisive bone)

()

Incisive canal

(Incisive suture)

()

Palatine spines

가

Palatine grooves

Alveolar process

Alveolar arch

Dental alveoli

Interalveolar septum

Interradicular septum

Alveolar yokes

Incisive foramen

Palatine bone

[]

Perpendicular plate

Nasal surface

Maxillary surface

Sphenopalatine notch

Greater palatine groove

Pyramidal process

Lesser palatine canal

Conchal crest

Ethmoidal crest

Orbital process

Sphenoidal process

Horizontal plate

Nasal surface

Palatine surface

Lesser palatine foramina

Posterior nasal spine

가

Nasal crest

Palatine crest

Zygomatic bone

[]

Lateral surface

가

Temporal surface

Orbital surface

Temporal process

Frontal process

Orbital eminence

(Marginal tubercle)

()

Zygomatico-orbital foramen

Zygomaticofacial foramen		
Zygomaticotemporal foramen		
Mandible	[]	
Body of mandible		
Base of mandible		
Symphysis menti		
Mental protuberance		()
Mental tubercle		()
Mental foramen		()
Oblique line		
Digastric fossa		
Mental spine	가	()
Mylohyoid line		
(Torus mandibularis)	()	
Sublingual fossa		
Submandibular fossa		
Alveolar part		
Alveolar arch		
Dental alveoli		
Interalveolar septum		
Interradicular septum		

Alveolar yokes

Ramus of mandible

가

Mandibular angle

(Masseteric tuberosity)

()

(Pterygoid tuberosity)

()

Mandibular foramen

Lingula of mandible

Mandibular canal

Mylohyoid groove

Coronoid process

Temporal crest

Mandibular notch

Condylar process

Head of mandible

Neck of mandible

Pterygoid fovea

Hyoid bone

[]

Body of hyoid bone

Lesser horn

Greater horn

Auditory ossicles

Vertebral column

Vertebra

[]

Vertebral canal

Body of vertebra

Intervertebral surface

Neurocentral lip

Arch of vertebra

Pedicle of vertebral arch

Lamina of vertebral arch

Neurocentral junction

Intervertebral foramen

Superior vertebral notch

Inferior vertebral notch

Vertebral foramen

Spinous process

가

Transverse process

가

Costal process

Superior articular process

Inferior articular process

Cervical vertebrae(first- seventh)

() (-) []

Uncal process

Foramen transversarium	[]	(1)
Anterior tubercle		
Posterior tubercle		
Groove for spinal nerve		
Atlas [First cervical vertebra]	[]	(1)
Lateral mass	[]	
Superior articular surface		
Inferior articular surface		
Anterior arch		
Fovea dentis		
Anterior tubercle		
Posterior arch		
Groove for vertebral artery		
Posterior tubercle		
Axis [Second cervical vertebra]	[]	(2)
Dens [Odontoid process]		
Apex of dens		
Anterior articular surface		
Posterior articular surface		
Vertebra prominens [Seventh cervical vertebra]	[]	
Thoracic vertebrae(first-twelfth)	() (-) []	

Superior costal facet	
Inferior costal facet	
Costal facet of transverse process	가
Lumbar vertebrae(first- fifth)	() (-) []
Accessory process	
Mammillary process	
Sacrum [First- fifth sacral vertebrae]	[- ()] []
Base of sacrum	
Promontory	
Ala of sacrum	
Superior articular surface	
Lateral part	가
Auricular surface	
Sacral tuberosity	
Pelvic surface	
Transverse line	가
Intervertebral foramina	
Pelvic sacral foramina	
Dorsal surface	
Median sacral crest	
Dorsal sacral foramina	

Intermediate sacral crest

Lateral sacral crest

가

Sacral cornua

Sacral canal

Sacral hiatus

Apex of sacrum

Coccyx [First-fourth coccygeal vertebrae]

[- ()] []

Coccygeal cornua

Bones of thorax

가 []

Ribs(first-twelfth)

(-) []

True ribs(first-seventh)

(-)

False ribs(eighth-twelfth)

(-) 가

Floating ribs(eleventh-twelfth)

(-)

Costal cartilage

[]

Rib

[]

Head of rib

Articular surface of head of rib

Interarticular crest

Neck of rib

Crest of neck of rib

Body of rib

Tubercle of rib

Articular surface of tubercle

Angle of rib

Costal groove

(Cervical rib) ()

First rib 1

Tuberosity for scalenus anterior muscle

Groove for subclavian artery

Groove for subclavian vein

Second rib 2

Tuberosity for serratus anterior muscle

Sternum []

Manubrium of sternum

Clavicular notch

Jugular notch

Sternal angle

Body of sternum

Xiphoid process

Costal notch

(Suprasternal bones) ()

Thoracic cage ♂

Thoracic cavity	[]
Superior thoracic aperture [Thoracic inlet]	가
Inferior thoracic aperture [Thoracic outlet]	가
Pulmonary groove	
Costal arch	
Intercostal space	
Infrastral angle	
APPENDICULAR SKELETON	
BONES OF UPPER LIMB	
Shoulder[Pectoral] girdle	
Scapula	[]
Costal surface	
Subscapular fossa	
Dorsal surface	
Spine of scapula	가
Supraspinatus fossa	가
Infraspinatus fossa	가
Acromion	
Acromial facet	
Acromial angle	
Medial border	

Lateral border	가
Superior border	
Scapular notch	
Inferior angle	
Lateral angle	가
Superior angle	
Glenoid cavity	
Supraglenoid tubercle	
Infraglenoid tubercle	
Neck of scapula	
Coracoid process	
Clavicle	[]
Sternal end	
Sternal articular facet	
Impression of costoclavicular ligament	
Body of clavicle	
Groove for subclavius muscle	
Acromial end	
Tuberosity for coracoclavicular ligament	
Acromial articular facet	
Conoid tubercle	

Trapezoid line

Bones of free upper limb

Humerus

[]

Head of humerus

Anatomical neck

Surgical neck

Greater tubercle

Lesser tubercle

Intertubercular[Bicipital] groove

Crest of greater tubercle

Crest of lesser tubercle

Body of humerus

Anteromedial surface

Anterolateral surface

가

Dorsal surface

Groove for radial nerve

Medial border

Medial supracondylar ridge

(Supracondylar process)

()

Lateral border

가

Lateral supracondylar ridge

가

Deltoid tuberosity

Condyle of humerus

Capitulum of humerus

Trochlea of humerus

Olecranon fossa

Coronoid fossa

Radial fossa

Medial epicondyle

Groove for ulnar nerve

Lateral epicondyle

가

Radius

Head of radius

Articular fovea

Articular circumference

Neck of radius

Body of radius

Radial tuberosity

Anterior surface

Posterior surface

Lateral surface

가

Pronator tuberosity

Interosseous border

Anterior border

Posterior border

Styloid process

Dorsal tubercle

Ulnar notch

Carpal articular surface

Ulna

[]

Olecranon

Coronoid process

Tuberosity of ulna

Trochlear notch

Radial notch

Body of ulna

Anterior surface

Posterior surface

Medial surface

Interosseous border

Anterior border

Posterior border

Supinator crest

Head of ulna		
Articular circumference		
Styloid process		
Bones of hand		
Carpal bones		
(Central bone)	()	()
Scaphoid bone		
Tubercle of scaphoid bone		
Lunate bone		
Triquetral bone		
Pisiform bone		
Trapezium		
Tubercle of trapezium		
Trapezoid bone		
Capitate bone		
Hamate bone		
Hamulus of hamate bone		
Carpal groove		
Metacarpal bones(first- fifth)	(-)	()
Base of metacarpal bones		()
Body of metacarpal bones		()

Head of metacarpal bones ()

Third metacarpal bone 1

Styloid process

Phalanges ㄱ

Proximal phalanges

Middle phalanges

Distal phalanges

Tuberosity of distal phalanges

Base of phalanges

Body of phalanges

Head of phalanges

Sesamoid bones

BONES OF LOWER LIMB

Pelvic girdle

Hip bone []

Acetabulum

Margin of acetabulum

Acetabular fossa

Acetabular notch

Lunate surface

Obturator foramen

Ilium	[]
Body of ilium	
Supra-acetabular groove	
Ala of ilium	
Arcuate line	
Iliac crest	
External lip	
Iliac tubercle	
Intermediate line	
Internal lip	
Anterior superior iliac spine	가
Anterior inferior iliac spine	가
Posterior superior iliac spine	가
Posterior inferior iliac spine	가
Iliac fossa	
Gluteal surface	
Anterior gluteal line	
Posterior gluteal line	
Inferior gluteal line	
Sacropelvic surface	
Auricular surface	

Iliac tuberosity	
Greater sciatic notch	
Ischium	[]
Body of ischium	
Ramus of ischium	가
Ischial tuberosity	
Ischial spine	가
Lesser sciatic notch	
Pubis	[]
Body of pubis	
Pubic tubercle	
Symphysial surface	
Pubic crest	
Superior ramus of pubis	가
Iliopubic eminence	
Pectineal line	
Obturator crest	
Obturator groove	
Anterior obturator tubercle	
(Posterior obturator tubercle)	()
Inferior ramus of pubis	가

Pelvis

Pelvic cavity []

Pubic arch

Subpubic angle

Greater pelvis [False pelvis]

Lesser pelvis [True pelvis]

Terminal line

Superior pelvic aperture [Pelvic inlet]

Inferior pelvic aperture [Pelvic outlet]

Pelvic axis

Conjugate diameter

Transverse diameter ↗

Oblique diameter

Pelvic inclination

Bones of free lower limb

Femur []

Head of femur

Fovea of head of femur

Neck of femur

Greater trochanter

Trochanteric fossa

Lesser trochanter		
(Third trochanter)	()	3
Intertrochanteric line		
Quadratus tubercle		
Intertrochanteric crest		
Body of femur		
Linea aspera		
Lateral lip	가	
Medial lip		
Pectenial line		
Gluteal tuberosity		
Popliteal surface		
Medial supracondylar line		
Lateral supracondylar line	가	
Medial condyle		
Medial epicondyle		
Adductor tubercle		
Lateral condyle	가	
Lateral epicondyle	가	
Popliteal groove		
Patellar surface		

Intercondylar fossa

Intercondylar line

Patella

[]

Base of patella

Apex of patella

Posterior surface

Anterior surface

Tibia

[]

Medial condyle

가

Lateral condyle

Articular surface for fibula

Superior articular surface

Anterior intercondylar area

Posterior intercondylar area

Intercondylar eminence

Medial intercondylar tubercle

Lateral intercondylar tubercle

가

Body of tibia

Tuberosity of tibia

Medial surface

Posterior surface

Soleal line	가	가
Lateral surface	가	
Anterior border		
Medial border		
Interosseous border		
Medial malleolus		
Malleolar sulcus		
Malleolar articular surface		
Fibular notch		
Inferior articular surface		
Fibula	[]	
Head of fibula		
Articular surface of fibular head		
Apex of fibular head		
Neck of fibula		
Body of fibula		
Lateral surface	가	
Medial surface		
Posterior surface		
Medial crest		
Anterior border		

Interosseous border	
Posterior border	
Lateral malleolus	가
Malleolar articular surface	가
Lateral malleolar fossa	가
Malleolar sulcus	가
Bones of foot	
Tarsal bones	
Talus	
Head of talus	
Articular surface for navicular bone	
Neck of talus	
Body of talus	
Trochlea of talus	
Superior surface	
Medial malleolar surface	
Lateral malleolar surface	가
Lateral process of talus	가
Posterior calcaneal articular surface	
Sulcus tali	
Middle calcaneal articular surface	

Anterior calcaneal articular surface

Posterior process of talus

Sulcus for flexor hallucis longus muscle

Medial tubercle

Lateral tubercle

가

(Os trigonum)

()

Calcaneus

Calcaneal tuberosity

Medial process of calcaneal tuberosity

Lateral process of calcaneal tuberosity

가

Tubercle of calcaneus

Sustentaculum tali

Sulcus for flexor hallucis longus muscle

Calcaneal sulcus

Tarsal sinus

Anterior articular surface for talus

Middle articular surface for talus

Posterior articular surface for talus

Sulcus for peroneus longus muscle

Peroneal trochlea

Articular surface for cuboid bone

Navicular bone

Tuberosity of navicular bone

Medial cuneiform bone

Intermediate cuneiform bone

Lateral cuneiform bone

가

Cuboid bone

Sulcus for peroneus longus muscle

Tuberosity of cuboid bone

Calcaneal process

Metatarsal bones(First- fifth)

(-)

() (1- 5)

Base of metatarsal bone

()

Body of metatarsal bone

()

Head of metatarsal bone

()

Tuberosity of first metatarsal bone

1 ()

Tuberosity of fifth metatarsal bone

5 ()

Phalanges [Toes]

가

Proximal phalanges

Middle phalanges

Distal phalanges

Ungual tuberosity

Base of phalanges

Body of phalanges

Head of phalanges

Sesamoid bones

ARTHOLOGY

FIBROUS JOINT

Syndesmosis

Pterygospinous ligament

가

Stylohyoid ligament

Interspinal ligaments

가

Yellow ligaments

Intertransverse ligaments

가

Supraspinal ligaments

가

Nuchal ligament

()

Radio-ulnar syndesmosis

()

Antebrachial interosseous membrane

Oblique cord

Tibiofibular syndesmosis

()

Crural interosseous membrane

Anterior tibiofibular ligament

Posterior tibiofibular ligament

Suture

Serrate suture

Squamous suture

Plane suture

Schindylesis

Cranial sutures

Coronal suture

Sagittal suture

Lambdoid suture

Occipitomastoid suture

Sphenofrontal suture

Sphenoethmoidal suture

Sphenosquamous suture

Sphenoparietal suture

Squamous suture

(Frontal suture [Metopic suture]) ()

Parietomastoid suture

(Squamomastoid suture) ()

Frontonasal suture

Frontoethmoidal suture

Frontomaxillary suture

Frontolacrimal suture

Frontozygomatic suture

Zygomaticomaxillary suture

Ethmoidomaxillary suture

Ethmoidolacrimal suture

Sphenovomerian suture

Sphenozygomatic suture

Sphenomaxillary suture

Temporozygomatic suture

Internasal suture

Nasomaxillary suture

Lacrimomaxillary suture

Lacrimoconchal suture

Intermaxillary suture

Palatomaxillary suture

Palatoethmoidal suture

Median palatine suture

Transverse palatine suture

가

Gomphosis(Dentoalveolar articulation)

()

Periodontium

Gingiva

Inserted periodontium

Periodontal membrane

Cementum

Alveolar bone

CARTILAGINOUS ARTICULATIONS

Synchondrosis

Cranial synchondrosis

Spheno-occipital synchondrosis

Sphenopetrosal synchondrosis

Petro-occipital synchondrosis

Intraoccipital synchondrosis

(Posterior intraoccipital synchondrosis)

()

(Anterior intraoccipital synchondrosis)

()

Sphenoethmoidal synchondrosis

Sternal synchondrosis

Xiphisternal synchondrosis

(Manubriosternal synchondrosis)

()

Symphysis

()

Manubriosternal symphysis

()

Intervertebral symphysis

()

Intervertebral disc

Annulus fibrosus

Nucleus pulposus

Anterior longitudinal ligament

Posterior longitudinal ligament

Pubic symphysis

Superior pubic ligament

Arcuate pubic ligament

Interpubic discs

SYNOVIAL JOINTS

Simple joint

Compound joint

Plane joint

Spheroidal joint

()

Ellipsoidal [condylar] joint

Hinge joint

Bicondylar joint

Pivot joint

Sellar joint

Articular cartilage

Articular cavity

Articular disc

Articular meniscus

Articular labrum

Articular capsule

Fibrous membrane [Fibrous layer]

Synovial membrane [Synovial layer]

Synovial fold

Synovial villi

Synovial fluid

Ligaments

Extracapsular ligaments

Capsular ligaments

Intracapsular ligaments

Synovial joints of skull

Temporomandibular joint

Articular disc

↗

Lateral ligament

Medial ligament

Superior synovial membrane

Inferior synovial membrane

Sphenomandibular ligament

Stylomandibular ligament

Atlanto-occipital joint

Anterior atlanto-occipital membrane	
(Anterior atlanto-occipital ligament)	()
Posterior atlanto-occipital membrane	
Lateral atlanto-occipital ligament	가
Median atlanto-axial joint	
Alar ligament	
Apical dental ligament	
Cruciate ligament of atlas	
Longitudinal bands	
Transverse ligament of atlas	가
Tectorial membrane	
Lateral atlanto-axial joint	가
VERTEBRAL JOINTS	
Zygapophysial joints	
Lumbosacral joint	
Iliolumbar ligament	
Sacrococcygeal joint	
Superficial posterior sacrococcygeal ligament	
Deep posterior sacrococcygeal ligament	
Anterior sacrococcygeal ligament	
Lateral sacrococcygeal ligament	가

ARTICULATIONS OF THORAX

가

Costovertebral joints

Articulation of head of rib

Radiate ligament of head of rib

Intra-articular ligament of head of rib

Costotransverse joint

가

Costotransverse ligament

가

Superior costotransverse ligament

가

Lateral costotransverse ligament

가 가

Lumbocostal ligament

Costotransverse foramen

가

Sternocostal articulations

Intra-articular sternocostal ligament

Radiate sternocostal ligament

Sternal membrane

Costoxiphoid ligament

External intercostal membrane

Internal intercostal membrane

First sternocostal synchondrosis

1

Costochondral articulations

Interchondral articulations

ARTICULATIONS OF UPPER LIMB

Articulations of shoulder girdle

Coracoacromial ligament

Superior transverse scapular ligament

가

(Inferior transverse scapular ligament)

(가)

()

Acromioclavicular joint

Acromioclavicular ligament

Articular disc

Coracoclavicular ligament

Trapezoid ligament

Conoid ligament

Sternoclavicular joint

Articular disc

Anterior sternoclavicular ligament

Posterior sternoclavicular ligament

Costoclavicular ligament

Interclavicular ligament

Articulations of upper limb

Shoulder joint

Glenoidal labrum

Glenohumeral ligament

Coracohumeral ligament

Elbow joint

Humero-ulnar joint

Humeroradial joint

Proximal radio-ulnar joint

Ulnar collateral ligament

Radial collateral ligament

가

Annular ligament of radius

Quadratus ligament

Interosseous membrane

Oblique cord

Distal radioulnar joint

Articular disc

Sacciform recess

Radiocarpal joint

Articulations of hand

Carpal joint

Intercarpal joint

Mediocarpal joint

Dorsal radiocarpal ligament

Palmar radiocarpal ligament

Palmar ulnocarpal ligament		
Carpal radiate ligament		
Ulnar carpal collateral ligament		
Radial carpal collateral ligament	가	
Dorsal intercarpal ligaments		
Palmar intercarpal ligaments		
Interosseous intercarpal ligament		
Pisiform joint		
Pisohamate ligament		
Pisometacarpal ligament		()
Carpal canal[tunnel]		
Carpometacarpal joint		()
Dorsal carpometacarpal ligaments		()
Palmar carpometacarpal ligaments		()
Carpometacarpal joint of thumb		()
Intermetacarpal joint		()
Dorsal metacarpal ligaments		()
Palmar metacarpal ligaments		()
Interosseous metacarpal ligaments		()
Interosseous metacarpal spaces		()
Metacarpophalangeal joint	가	()

Collateral ligaments

Palmar ligaments

Deep transverse metacarpal ligament

가

()

Interphalangeal joint

가

Collateral ligaments

Palmar ligaments

ARTICULATIONS OF LOWER LIMB

Articulations of pelvic girdle

(Pubic symphysis)

()

()

Obturator membrane

Obturator canal

Sacroiliac joint

Anterior sacroiliac ligaments

Interosseous sacroiliac ligaments

Posterior sacroiliac ligaments

Sacrotuberous ligament

Falciform process

Sacrospinal ligament

가

Greater sciatic foramen

Lesser sciatic foramen

Articulations of free lower limb

Hip joint

Zona orbicularis

Iliofemoral ligament

Ischiofemoral ligament

Pubofemoral ligament

Acetabular labrum

Transverse acetabular ligament

가

Ligament of femoral head

Knee joint

Lateral meniscus

가

Anterior meniscofemoral ligament

Posterior meniscofemoral ligament

Medial meniscus

Transverse ligament of knee

가

Cruciate ligament of knee

Anterior cruciate ligament

Posterior cruciate ligament

Infrapatellar synovial fold

Alar fold

Lateral collateral ligament

가

Medial collateral ligament

Oblique popliteal ligament		
Arcuate popliteal ligament		
Patellar ligament		
Medial patellar retinaculum		
Lateral patellar retinaculum	가	
Infrapatellar fat pad		
Tibiofibular joint		
Anterior ligament of fibular head		
Posterior ligament of fibular head		
Interosseous membrane		
(Tibiofibular articulation)	()
Talocrural[ankle] joint		
Medial [deltoid] ligament		()
Tibionavicular part		
Tibiocalcaneal part		
Anterior tibiotalar part		
Posterior tibiotalar part		
Anterior talofibular ligament		
Posterior talofibular ligament		
Calcaneofibular ligament		
Articulations of foot		

Transverse tarsal joint	가
Talocalcaneonavicular joint	가
Subtalar joint	가
Lateral talocalcaneal ligament	가
Medial talocalcaneal ligament	가
Calcaneocuboid joint	가
Cuneocuboid joint	가
Cuneonavicular joint	가
Intercuneiform joints	가
Tarsal ligaments	가
Interosseous tarsal ligaments	가
Interosseous talocalcaneal ligament	가
Interosseous cuneocuboid ligament	가
Interosseous intercuneiform ligaments	가
Dorsal tarsal ligaments	가
Talonavicular ligament	가
Dorsal intercuneiform ligaments	가
Dorsal cuneocuboid ligament	가
Dorsal cuboideonavicular ligament	가
Bifurcated ligament	가
Calcaneonavicular ligament	가

Calcaneocuboid ligament	
Dorsal cuneonavicular ligaments	
Dorsal calcaneocuboid ligament	
Plantar tarsal ligaments	
Long plantar ligament	
Plantar calcaneocuboid ligament	
Plantar calcaneonavicular ligament	
Plantar cuneonavicular ligament	
Plantar cuboideonavicular ligament	
Plantar intercuneiform ligaments	
Plantar cuneocuboid ligament	
Tarsometatarsal joints	()
Dorsal tarsometatarsal ligaments	()
Plantar tarsometatarsal ligaments	()
Interosseous cuneometatarsal ligaments	()
Intermetatarsal joints	()
Interosseous metatarsal ligaments	()
Dorsal metatarsal ligaments	()
Plantar metatarsal ligaments	()
Interosseous metatarsal spaces	()
Metatarsophalangeal joints	† ()

Collateral ligaments

Plantar ligaments

Deep transverse metatarsal ligament

가

()

Interphalangeal joints of foot

가

Collateral ligaments

Plantar ligaments

Myology

General terms

Muscle

Head

Belly

Tendon

Origin

Insertion

Fusiform muscle

Quadriangular muscle

Triangular muscle

Unipennate muscle

Bipennate muscle

Multipennate muscle

Sphincter muscle

Dilator muscle

Orbicular muscle

Cruciate muscle

Cutaneous muscle

Epimysium

Perimysium

Endomysium

Fascia

Superficial fascia

Deep fascia

Tendon

Tendon sheath

Fibrous layer

Synovial layer

Synovial tendon sheath

Mesotendon

Aponeurosis

Tendinous intersections

Tendinous arch

Muscular trochlea

Synovial bursa

MUSCLES OF HEAD

Ocular muscles

Muscles of auditory ossicles

Facial muscles

Epicranius m.

Occipitofrontalis m.

Frontal belly

Occipital belly

Temporoparietalis m.

Galea aponeurotica

Procerus m.

Nasalis m.

Transverse part

가

Alar part

Depressor septi m.

Orbicularis oculi m.

Palpebral part

Orbital part

Lacrimal part

Corrugator supercilii m.

Depressor supercilii m.

Auricularis anterior m.		
Auricularis superior m.		
Auricularis posterior m.		
Orbicularis oris m.		
Marginal part	가	
Labial part		
Depressor anguli oris m.		()
Transverse menti m.	가	()
Risorius m.		
Zygomaticus major m.		
Zygomaticus minor m.		
Levator labii superioris m.		
Levator labii superioris alaque nasi m.		
Depressor labii inferioris m.		
Levator anguli oris m.		
Modiolus		
Buccinator m.		
Mentalis m.		()
Muscles of mastication		
Masseter m.		
Superficial part		

Deep part

Temporalis m.

Lateral pterygoid m.

↗

Medial pterygoid m.

Buccopharyngeal fascia

Masseteric fascia

Parotid fascia

Temporal fascia

Superficial layer

Deep layer

Muscles of tongue

Muscles of palate and fauces

MUSCLES OF NECK

Platysma

Longus colli m.

Longus capitis m.

Scalenus anterior m.

Scalenus medius m.

Scalenus posterior m.

(Scalenus minimus m.)

Sternocleidomastoid m.

Suboccipital muscles

Rectus capitis anterior m.

Rectus capitis posterior major m.

Rectus capitis posterior minor m.

Rectus capitis lateralis m.

가

Obliquus capitis superior m.

Obliquus capitis inferior m.

Suprahyoid muscles

Digastric m.

Anterior belly

Posterior belly

Stylohyoid m.

Mylohyoid m.

Geniohyoid m.

()

Infrahyoid muscles

Sternohyoid m.

Omohyoid m.

Superior belly

Inferior belly

Sternothyroid m.

Thyrohyoid m.

(Levator glandulae thyroideae m.) ()

Deep cervical fascia

Investing layer

Pretracheal layer

Prevertebral layer

Carotid sheath

Muscular layer of pharynx

Laryngeal muscles

MUSCLES OF BACK

Nuchal fascia

Trapezius m.

(Transversus nuchae m.) (†) ()

Latissimus dorsi m.

Rhomboid major m.

Rhomboid minor m.

Levator scapulae m.

Serratus posterior inferior m.

Serratus posterior superior m.

Splenius capitis m.

Splenius cervicis m.

Erector spinae muscle

Thoracolumbar fascia	
Iliocostalis m.	
Iliocostalis lumborum m.	
Iliocostalis thoracis m.	
Iliocostalis cervicis m.	
Longissimus m.	가
Longissimus thoracis m.	가
Longissimus cervicis m.	가
Longissimus capitis m.	가
Spinalis m.	가
Spinalis thoracis m.	가
Spinalis cervicis m.	가
Spinalis capitis m.	가
Transversospinalis muscles	가 가
Semispinalis m.	가
Semispinalis thoracis m.	가
Semispinalis cervicis m.	가
Semispinalis capitis m.	가
Multifidus m.	
Rotatores m.	
Rotatores cervicis m.	

Rotatores thoracis m.	
Rotatores lumborum m.	
Interspinales m.	가
Interspinales cervicis m.	가
Interspinales thoracis m.	가
Interspinales lumborum m.	가
Intertransversii muscles	가
Intertransversarii lateral lumborum m.	가 가
Intertransversarii medial lumborum m.	가
Intertransversarii thoracis m.	가 가
Posterior cervical intertransverse m.	가
Medial part	
Lateral part	가
Anterior cervical intertransverse m.	가
THORACIC MUSCLES	가
(Sternalis m.)	()
Pectoralis major m.	가
Clavicular part	
Sternocostal part	
Abdominal part	
Pectoralis minor m.	가

Subclavius m.	
Pectoral fascia	가
Clavipectoral fascia	가
Serratus anterior m.	
Levarores costarum m.	
Levatores costarum longi m.	
Levatores costarum breves m.	
External intercostal m.	
External intercostal membrane	
Internal intercostal m.	
Internal intercostal membrane	
Innermost intercostal m.	
Subcostal m.	
Tansversus thoracis m.	가 가
Thoracic fascia	가
Endothoracic fascia	가
Diaphragm	가
Lumbar part	
Right crus	
Left crus	
Costal part	

Sternal part

Aortic hiatus

Esophageal hiatus

Central tendon

Vena caval foramen

Medial arcuate ligament

Lateral arcuate ligament

가

Median arcuate ligament

Abdominal muscles

Rectus abdominis m.

Tendinous intersections

Rectus sheath

Anterior layer

Posterior layer

Arcuate line

Pyramidal m.

Obliquus externus abdominis muscle

Inguinal ligament

Lacunar ligament

Pectinate ligament

Reflected ligament

Superficial inguinal ring

Medial crus

가

Lateral crus

Intercrural fibers

Obliquus internus abdominis m.

Cremaster m.

()

Transversus abdominis m.

가

Falx inguinalis [Conjoined tendon]

()

Deep inguinal ring

Linea alba

Umbilical ring

()

Adminiculum lineae albae

Suspensory ligament of penis

Suspensory ligament of clitoris

Fundiform ligament of penis

Lumbar triangle

Transversalis fascia

가

Inguinal canal

Interfoveolar ligament

Quadratus lumborum m.

Semilunar line

Pecvic diaphragm

가

Levator ani m.

External anal sphincter m.

Urogenital diaphragm

가

MUSCLES OF UPPER LIMB

Deltoid m.

Supraspinatus m.

가

Infraspinatus m.

가

Teres minor m.

Teres major m.

Subscapularis m.

Biceps brachii m.

Long head

Intertubercular tendon sheath

Short head

Bicipital aponeurosis

Coracobrachialis m.

Brachialis m.

Triceps brachii m.

Long head

Lateral head

가

Medial head

Anconeus m.

Articularis cubiti m.

Pronator teres m.

Humeral head

Ulnar head

Flexor carpi radialis m.

Palmaris longus m.

Flexor carpi ulnaris m.

Humeral head

Ulnar head

Flexor digitorum superficialis m.

가

Humeroulnar head

Radial head

Flexor digitorum profundus m.

가

Flexor pollicis longus m.

Pronator quadratus m.

Brachioradialis m.

Extensor carpi radialis longus m.

Extensor carpi radialis brevis m.

Extensor digitorum m.

가

Intertendinous connection

Extensor digiti minimi m.

Extensor carpi ulnaris m.

Humeral head

Ulnar head

Supinator m.

Abductor pollicis longus m.

Extensor pollicis brevis m.

Extensor pollicis longus m.

Extensor indicis m.

Palmaris brevis m.

Abductor pollicis brevis m.

Flexor pollicis brevis m.

Superficial head

Deep head

Opponens pollicis m.

Adductor pollicis m.

Oblique head

Transverse head

가

Abductor digiti minimi m.

Flexor digiti minimi brevis m.

Opponens digiti minimi m.		
Lumbrical m.		
Dorsal interosseus m.		
Palmar interosseus m.		
Axillary fascia		
Deltoid fascia		
Brachial fascia		
Medial brachial intermuscular septum		
Lateral brachial intermuscular septum	가	
Antebrachial fascia		
Fascia of dorsum of hand		
Extensor retinaculum		
Superficial transverse metacarpal ligament	가	()
Palmar aponeurosis		
Transverse fasciculi	가	
Flexor retinaculum		
Carpal tunnel		
Chiasm of digit of hand		
MUSCLES OF LOWER LIMB		
Iliopsoas m.		
Iliacus m.		

Psoas major m.

(Psoas minor m.)

()

()

Gluteus maximus m.

Gluteus medius m.

Gluteus minimus m.

Tensor fasciae latae m.

Piriformis m.

Obturator internus m.

Superior gemellus m.

Inferior gemellus m.

Quadratus femoris m.

Sartorius m.

Quadriceps femoris m.

Rectus femoris m.

Straight head

Reflexed head

Vastus lateralis m.

가

Vastus intermedius m.

Vastus medialis m.

Articularis genu m.

Pectineus m.

Adductor longus m.

Adductor brevis m.

Adductor magnus m.

Gracilis m.

Obturator externus m.

Biceps femoris m.

Long head

Short head

Semitendinosus m.

Semimembranosus m.

Tibialis anterior m.

Extensor digitorum longus m.

가

Peroneus tertius m.

Extensor hallucis longus m.

Peroneus longus m.

Peroneus brevis m.

Triceps surae m.

Gastrocnemius m.

Lateral head

가

Medial head

Soleus m.

가

가

Tendinous arch of soleus m.	가	가
Calcaneal tendon	[]
Plantaris m.		()
Popliteus m.		
Tibialis posterior m.		
Flexor digitorum longus m.	가	
Flexor hallucis longus m.		
Extensor hallucis brevis m.		
Extensor digitorum brevis m.	가	
Abductor hallucis m.		
Medial head		
Lateral head	가	
Flexor hallucis brevis m.		
Adductor hallucis m.		
Oblique head		
Transverse head	가	
Abductor digiti minimi m.		
(Opponens digiti minimi m.)	()	()
Flexor digiti minimi brevis m.		
Flexor digitorum brevis m.	가	
Quadratus plantae m.		

Lumbrical m.

Dorsal interosseous m.

Plantar interosseous m.

Fascia lata

Iliotibial tract

Lateral intermuscular septum of thigh

↗

Medial intermuscular septum of thigh

Adductor canal

Adductor hiatus

()

Iliac fascia

Lacuna muscularum

Iliopectineal arch

Lacuna vasorum

Femoral triangle

Femoral canal

Femoral ring

Femoral septum

Saphenous hiatus

Falciform margin

Superior horn

Inferior horn

Cribriform fascia
Crural fascia
Anterior crural intermuscular septum
Posterior crural intermuscular septum
Superior extensor retinaculum
Flexor retinaculum
Inferior extensor retinaculum
Superior peroneal retinaculum
Inferior peroneal retinaculum
Fascia of dorsum of foot
Plantar aponeurosis
Transverse fascicles
Superficial transverse metatarsal ligament
SYNOVIAL BURSAE AND SHEATHS
Subcutaneous synovial bursa
Submuscular synovial bursa
Subfascial synovial bursa
Subtendinous synovialis bursa
Bursa of tensor veli palatini
Subcutaneous bursa of laryngeal prominence
Infrahyoid bursa

가

()

Retrohyoid bursa

Bursae of upper limb

Subtendinous bursa of trapezius

(Subcutaneous acromial bursa) () ()

Subacromial bursa

Subdeltoid bursa

(Bursa of coracobrachialis) () ()

Subtendinous bursa of infraspinatus m. が

Subtendinous bursa of subscapularis m.

Subtendinous bursa of teres major m.

Subtendinous bursa of latissimus dorsi m. () ()

Superficial bursa of oleclanon

Intratendinous bursa of oleclanon () ()

Subtendinous bursa of triceps brachii

Bicipitoradial bursa

(Interosseous cubital bursa) () ()

Synovial sheaths of upper limb

Tendon sheath of digits of hand が

Fibrous sheath of digits of hand が

Annular part of digital fibrous sheath

Cruciate part of digital fibrous sheath

Synovial sheath of digits of hand	가	
Vincula tendinum		()
Vinculum longum		()
Vinculum breve		()
Tendon sheath of abductor longus and extenor brevis		
Tendon sheath of extensor carpi radialis		
Tendon sheath of extensor pollicis longus		
Tendon sheath of extensor digitorum and extensor indicis	가	
Tendon sheath of extensor carpi ulnalis		
Tendon sheath of extensor carpi radialis brevis		
Tendon sheath of flexor carpi radialis		
Common synovial sheath of flexors of fingers	(가)	()
Tendon sheath of flexor pollicis longus		
Bursae of lower limb		
Subcutaneous bursa of greater trochanter		
Trochanteric bursa of gluteus maximus		
Trochanteric bursa of gluteus medius		
Trochanteric bursa of gluteus minimus		
Bursa of piriformis		
Ischiadic bursa of obturator internus		
Subtendinous bursa of obturator internus		

Intermuscular gluteal bursae		
Ischial bursa of gluteus maximus	()
(Iliopectineal bursa)	()
Subtendinous iliac bursa		
Superior bursa of biceps femoris		
Subtendinous prepatellar bursa		
(Subfascial prepatellar bursa)	()
(Subtendinous prepatellar bursa)	()
Suprapatellar bursa		
Subcutaneous infrapatellar bursa		
Deep infrapatellar bursa		
Subcutaneous bursa of tibial tuberosity		
Subtendinous bursa of sartorius		
Anserine bursa		
Inferior subtendinous bursa of biceps femoris		
Subpopliteal recess		
Subtendinous bursa of lateral head of gastrocnemius	가	
Subtendinous bursa of medial head of gastrocnemius		
Bursa of semimembranosus		
Subcutaneous bursa of lateral malleolus	가	
Subcutaneous bursa of medial malleolus		

Subtendinous bursa of tibialis anterior	
Subcutaneous calcaneal bursa	
Calcaneal subtendinous bursa	
Synovial sheaths of lower limb	
Tendon sheath of tibialis anterior	
Tendon sheath of extensor hallucis longus	
Tendon sheath of extensor digitorum longus	가
Tendon sheath of flexor digitorum longus	가
Tendon sheath of tibialis posterior	
Tendon sheath of flexor hallucis longus	
Common peroneal sheath	
Tendon sheath of peroneus longus	
Tendon sheath of digits of foot	가
Synovial sheath of digits of foot	가
Vincula tendinum	()
Digital fibrous sheaths of foot	가
Annular part of digital fibrous sheath	
Cruciate part of digital fibrous sheath	
Intermediate tendon	
Adductor minimus m.	
SPLANCHNOLOGY	

DIGESTIVE SYSTEM

ORAL CAVITY

[]

Rima of mouth

Rima of mouth

lips

Upper lip

()

Philtrum

Tubercle

Lower lip

()

Labial commissure

Oral angle

Cheeks

()

Adipose body of cheeks

Oral cavity proper

Palate

[]

Hard palate

[]

Soft palate

[]

Palatine raphe

Mucous coat of mouth

Superior labial frenulum

Inferior labial frenulum

Gums

Gingival margin

Gingival papilla

Gingival sulcus

Sublingual caruncle

Sublingual fold

Parotid papilla

Transverse palatine folds

↗

Incisive papilla

Salivary glands

Major salivary glands

Parotid gland

Superficial part

Deep part

Accessory parotid gland

Parotid duct

Sublingual gland

Major sublingual duct

Minor sublingual duct

Submandibular gland

Submandibular duct

Minor salivary glands

Labial glands

Buccal glands

Moral glands

Palatine glands

Lingual glands

Anterior lingual gland

TEETH

[] ()

Dental crown

[]

Cusp of dental crown

[]

Apex of cusp

Tubercle of dental crown

가

Transverse crest

Triangular crest

Clinical crown

Dental neck

Dental root

Apex of dental root

Clinical root

Occlusal surface

Vestibular surface

Buccal surface

Labial surface

Lingual surface

Palatine surface

Approximal surface

Mesial surface

Distal surface

Contact area

Cingulum of tooth

Marginal crest

Incisive margin

Pulp cavity

Cavity of crown

Root canal of tooth

Apical foramen of tooth

Dental pulp

[]

Pulp of crown

Pulp of root

Dental papilla

Dentin

Enamel

Cementum

Periodontium

Superior dental arch

Inferior dental arch

Incisors

Canines

Premolars

Molars

Wisdom teeth

Deciduous teeth

[]

Permanent teeth

[]

Diastema

TONGUE

Body of tongue

Root of tongue

Dorsum of tongue

Presulcal[Anterior] part

Postsulcal[Posterior] part

Inferior surface of tongue

Fimbriate fold

Lingual margin

Apex of tongue

Mucous coat of tongue

Lingual frenulum

Lingual papillae

Filiform papillae

Conical papillae

Fungiform papillae

Vallate papillae

Lentiform papillae

Foliate papillae

Median lingual sulcus

Terminal sulcus

Foramen cecum of tongue

Thyroglossal duct

Lingual tonsil

Lingual septum

Lingual aponeurosis

Lingual follicle

Muscles of tongue

Genioglossus m.

Hyoglossus m.

Chondroglossus m.

Styloglossus m.

Superior longitudinal m. of tongue

Inferior longitudinal m. of tongue

Lingual transverse m.

가

Lingual vertical m.

FAUCES

Faucial isthmus

Soft palate

[]

Uvula

Palatoglossal arch

Palatopharyngeal arch

Salpingopalatine fold

Palatine tonsil

[]

Tonsillar pits

Tonsillar crypts

Tonsillar capsule

Semilunar fold

Triangular fold

Tonsillar fossa

Supratonsillar fossa

Muscles of palate and fauces

Palatine aponeurosis

Levator veli palatini m.

Tensor veli palatini m.

uvular m.

Palatoglossus m.

Palatopharyngeus m.

PHARYNX

PHARYNGEAL CAVITY

Nasal part of pharynx

Pharyngeal fornix

Pharyngeal tonsil

Tonsillar pits

Tonsillar crypts

(Pharyngeal bursa)

()

Pharyngeal opening of auditory tube

Torus tubarius

Salpingopharyngeal fold

Salpingopalatine fold

Torus levatorius

Tubal tonsil

Pharyngeal recess

Oral part of pharynx

Epiglottic vallecula

Median glosso-epiglottic fold

가

Lateral glosso-epiglottic fold

Laryngeal part of pharynx

Piriform recess

Fold of laryngeal nerve

Pharyngobasilar fascia

Submucous tissue

Mucous coat

Pharyngeal gland

MUSCULAR COAT OF PHARYNX

Pharyngeal raphe

Pterygomandibular raphe

Superior pharyngeal constrictor muscle

Pterygopharyngeal part

Buccopharyngeal part

Myopharyngeal part

Glossopharyngeal part

Middle pharyngeal constrictor muscle

Chondropharyngeal part
Ceratopharyngeal part
Inferior pharyngeal constrictor muscle
Thyropharyngeal part
Cricopharyngeal part
Stylopharyngeal muscle
Salpingopharyngeal muscle ()
Buccopharyngeal fascia
Peripharyngeal space
Retropharyngeal space
Lateropharyngeal space
ESOPHAGUS
Cervical part
Thoracic part が
Abdominal part
Fibrous coat
Muscular coat
Cricoesophageal tendon
Bronchoesophageal muscle
Pleuroesophageal muscle が
Submucous tissue

Mucous coat

Lamina muscularis mucosa

Esophageal glands

STOMACH

Anterior wall

Posterior wall

Greater curvature

Lesser curvature

Angular notch

Cardiac part

Cardiac orifice

Fundus of stomach

Fornix of stomach

Cardiac notch

Body of stomach

Gastric canal

Pyloric part

Pyloric antrum

Pyloric canal

Pylorus

Pyloric orifice

Serous coat

Subserous tissue

Muscular coat

Longitudinal layer

Circular layer

Pyloric sphincter muscle

Oblique fibers

Submucous tissue

Mucous coat

Gastric folds

Lamina muscularis mucosae

Gastric areas

Villous folds

Gastric pits

SMALL INTESTINE []

Serous coat

Subserous tissue

Muscular coat

Longitudinal layer

Circular layer

Submucosal tissue

Mucous coat	
Lamina muscularis mucosae	
Circular folds	
Intestinal villi	
Intestinal glands	[]
Solitary lymphatic follicles	
Aggregated lymphatic follicles	
DUODENUM	[]
Superior part	T
Ampulla	
Descending part	
Horizontal part	[]
Ascending part	
Superior duodenal flexure	
Inferior duodenal flexure	
Duodenojejunal flexure	
Suspensory muscle of duodenum	
Longitudinal duodenal folds	
Greater duodenal papilla	
Lesser duodenal papilla	
Duodenal glands	

JEJUNUM	[]
ILEUM	[]
LARGE INTESTINE	[]
CECUM	[]
Ileocecal valve	
Ileocecal papilla	
Opening of ileocecal valve	
Frenulum of ileocecal valve	
Ileocecal opening	
Vermiform appendix	[]
Opening of vermiform appendix	
Aggregated lymphatic follicles of vermiform appendix	
COLON	[]
Ascending colon	
Right colic flexure	
Transverse colon	¶ ()
Left colic flexure	()
Descending colon	()
Sigmoid colon	()
Semilunar folds of colon	
Haustra of colon	S

Epiploic appendices	[]
Muscular coat	
Longitudinal layer	
Teniae coli	
Tenia	" , "
Tenia mesocolica	
Tenia omentalis	
Tenia libera	
Circular layer	
RECTUM	[]
Sacral flexure	
Perineal flexure	
Rectal ampulla	
Muscular coat	
Longitudinal layer	
Circular layer	
Sphincter ani internus m.	
Rectococcygeus m.	
Recto-urethralis m.	
Rectovesicalis m.	
Transverse rectal folds	가

ANAL CANAL

Anal column

Anal sinus

Anal valves

Anorectal line

Anal pecten

가

Anocutaneous line

Sphincter ani externus m.

Anus

LIVER

Diaphragmatic surface

Superior part

Cardiac impression

Anterior part

Right part

Posterior part

Bare area

Groove for inferior vena cava

Fissure for ligamentum venosum

Ligamentum venosum

Viceral surface

Fossa for gallbladder

Fissure for round ligament

Round ligament of liver

Hepatic hilum

Tuber omentale

Esophageal impression

Gastric impression

Duodenal impression

Colic impression

Renal impression

Suprarenal impression

Inferior margin

Notch for round ligament

Hepatic lobes

Right hepatic lobe

Anterior segment of liver

Posterior segment of liver

Left hepatic lobe

Medial segment of liver

Quadratus part of liver

(Fibrous appendix of liver) ()

Lateral segment	가
Quadrat e lobe	
Caudate lobe	
Papillary process	
Caudate process	
Serous coat	
Subserous tissue	
Fibrous coat	
Perivascul ar fibrous capsule	
Hepatic lobules	
Interlobular arteries	
Interlobular veins	
Central veins	
Interlobular bile duct	
Bile ductules	
Common hepatic duct	
Right hepatic duct	
Anterior branch	가
Posterior branch	가
Left hepatic duct	
Lateral branch	가 가

Medial branch

가

Right bile duct of caudate lobe

Left bile duct of caudate lobe

Gallbladder

() []

Fundus of gallbladder

Body of gallbladder

Neck of gallbladder

Serous coat

Subserous coat

Muscular coat

Mucous coat

Mucosal fold

Cystic duct

Spiral fold

Common bile duct

Sphincter muscle of common bile duct

Hepatopancreatic ampulla

Sphincter m. of hepatopancreatic ampulla

Glands of biliary mucosa

PANCREAS

[]

Head of pancreas

Uncinate process

Pancreatic notch

Body of pancreas

Anterior surface

Posterior surface

Inferior surface

Superior margin

Anterior margin

Inferior margin

Omental tuber

Tail of pancreas

Pancreatic duct

Sphincter m. of pancreatic duct

Accessory pancreatic duct

(Accessory pancreas) ()

RESPIRATORY SYSTEM

EXTERNAL NOSE

Root of nose

Dorsum of nose

Apex of nose

Wings of nose

Nasal cartilages

Lateral nasal cartilage

가

Greater alar cartilage

Medial crus

Lateral crus

가

Lesser alar cartilages

Accessory nasal cartilage

Septal nasal cartilage

Lateral process of septal cartilage

가

Posterior process of septal nasal cartilage

Vomeronasal cartilage

Mobile part of nasal septum

가

가

NASAL CAVITY

[]

Nostrils

Posterior nostrils

Nasal septum

Membranous part

Cartilaginous part

Osseous part

Vomeronasal organ

Nasal vestibule

Limen nasi

Olfactory groove

Supreme nasal concha

Superior nasal concha

Middle nasal concha

Inferior nasal concha

Respiratory region

Olfactory region

Nasal glands

Cavernous plexus of concha

Ridge of nose

Sphenoethmoidal recess

Superior nasal meatus

Middle nasal meatus

Atrium of middle nasal meatus

Ethmoidal bulla

Ethmoidal infundibulum

Semilunar hiatus

Inferior nasal meatus

Orifice of nasolacrimal duct

Nasopharyngeal meatus

(Incisive duct) ()

Paranasal sinuses

Maxillary sinus

Sphenoidal sinus

Frontal sinus

Ethmoidal sinus

Anterior cells

Middle cells

Posterior cells

LARYNX

Cartilages and Articulations of Larynx

THYROID CARTILAGE []

Laryngeal prominence

Right Lamina

Left lamina

Superior thyroidal notch

Inferior thyroidal notch

Superior thyroidal tuberculum

Inferior thyroidal tuberculum

Oblique line

Superior horn

Inferior horn

(Thyroidal foramen) ()

Thyrohyoid membrane

Median thyrohyoid ligament

Retrohyoid bursa

Pre-epiglottic adipose body

Lateral thyrohyoid ligament ♂

Triticeal cartilage

Cricoid cartilage

Cricoid arch

Cricoid lamina

Arytenoid articular surface

Thyroid articular surface

Cricothyroid articulation

Cricothyroid articular capsule

Ceratocricoid ligament

Median cricothyroid ligament

Cricotracheal ligament

Arytenoid cartilage

Articular surface

Arytenoid base

Anterolateral surface

가

Vocal process

Arcuate crest

Colliculus

Oblong depression

Triangular depression

Medial surface

Posterior surface

Arytenoid apex

Muscular process

Cricoarytenoid articulation

Cricoarytenoid articular capsule

Cricoarytenoid ligament

Cricopharyngeal ligament

(Sesamoid cartilage)

()

CORNICULATE CARTILAGE

Corniculate tubercle

Cuneiform cartilage

Cuneiform tubercle

Epiglottis

Epiglottic petiole

Epiglottic tubercle

Epiglottic cartilage

Thyroepiglottic ligament

Hyoepiglottic ligament

Laryngeal muscles

Aryepiglottic muscle

Cricothyroid muscle

Straight part

Oblique part

Posterior cricoarytenoid m.

(Ceratocricoid m.)

()

Lateral cricoarytenoid m.

¶

Vocal m.

Thyroepiglottic part

Thyroarytenoid m.

Aryepiglottic part

Oblique arytenoid m.

Transverse arytenoid m.

¶

LARYNGEAL CAVITY

Laryngeal aperture

Aryepiglottic folds

Corniculate tubercle

Cuneiform tubercle

Interarytenoid notch

Laryngeal vestibule

Rima vestibuli

Vestibular fold

Intermediate laryngeal cavity

Laryngeal ventricle

Laryngeal saccule

Glottis

Rima glottidis

Intermembranous part

Intercartilagenous part

Vocal fold

Interarytenoidal fold

Infraglottic cavity

Mucous coat

Laryngeal glands

Fibroelastic membrane of larynx

Quadrangular membrane

Vestibular ligament

Elastic cone [Cricovocal membrane]

[]

Vocal ligament

Trachea

Cervical part

Thoracic part

가

Tracheal cartilages

Tracheal muscle

Annular ligament

Membranous wall

Bifurcation of trachea

Carina of trachea

Mucous coat

Tracheal glands

BRONCHI

Bronchial tree

Right main bronchus

Left main bronchus

Lobar and segmental bronchi

Right superior lobar bronchus

Apical segmental bronchus

Posterior segmental bronchus

Anterior segmental bronchus

Right middle lobar bronchus

Lateral segmental bronchus

가

Medial segmental bronchus

Right inferior lobar bronchus

Superior segmental bronchus

()

Medial basal segmental bronchus

Anterior basal segmental bronchus

Lateral basal segmental bronchus

가

Posterior basal segmental bronchus

Left superior lobar bronchus

Apicoposterior segmental bronchus

Anterior segmental bronchus

Superior lingular bronchus

Inferior lingular bronchus

Left inferior lobar bronchus

Superior semignetal bronchus

()

Medial basal segmental bronchus

Anterior basal segmental bronchus

Lateral basal segmental bronchus

가

Posterior basal segmental bronchus

Secondary segmental bronchus

가

Muscular coat

Submucous tissue

Mucous coat

Bronchial glands

LUNGS

[]

Right lung

Left lung

Base of lung

Apex of lung

Costal surface

Vertebral part

Mediastinal surface

Cardiac impression

Diaphragmatic surface

가

Interlobar surface

Anterior margin

Cardiac notch (of left lung)

()

Inferior margin

Pulmonary hilum

Pulmonary root

Lingula of left lung	
Apex of left lung	
Superior lobe	
Middle lobe (of right lung)	()
Inferior lobe	
Oblique fissure	
Horizontal fissure [of right lung)	()
Bronchopulmonary segments	
"Right lung, superior lobe"	" , "
Apical segment	" , "
Posterior segment	" , "
Anterior segment	" , "
"Right lung, middle lobe"	" , "
Lateral segment	가
Medial segment	
"Right lung, inferior lobe"	" , "
Superior segment	" , "
Medial basal segment	
Anterior basal segment	
Lateral basal segment	가
Posterior basal segment	

"Left lung, superior lobe"	" , "	" , "
Apicoposterior segment		
Anterior segment		
Superior lingular segment		
Inferior lingular segment		
"Left lung, inferior lobe"	" , "	" , "
Apical[Superior] segment		()
Medial basal segment		
Anterior basal segment		
Lateral basal segment	가	
Posterior basal segment		
Bronchiole		
Respiratory bronchiole		
Alveolar ducts		
Alveolar saccules		
Pulmonary alveoli	[]	
THORACIC CAVITY	가 []	
Pleuropulmonary regions	가	
Endothoracic fascia	가	
Suprapleural membrane	가	
Phrenicopleural fascia	가 가	

Pleural cavity	가
Pleura	가 []
Cupula of pleura	가
Visceral [pulmonary] pleura	가
Parietal pleura	가
Mediastinal pleura	가
Costal pleura	가
Diaphragmatic pleura	가 가
Pleural recess	가
Costodiaphragmatic recess	가
Costomediastinal recess	가
Phrenicomedastinal recess	가
Pulmonary ligament	
Mediastinum	가
Superior mediastinum	
Inferior mediastinum	
Anterior mediastinum	
Middle mediastinum	
Posterior mediastinum	
UROGENITAL SYSTEM	
URINARY ORGAN	

Kidney []
Lateral margin ↗
Medial margin
Renal hilum
Renal sinus
Anterior surface
Posterior surface
Superior extremity
Inferior extremity
Renal fascia
Pararenal fat pad
Adipose capsule
Fibrous capsule
Renal segment
Superior segment
Superior anterior segment
Inferior anterior segment
Inferior segment
Posterior segment
Renal lobes
Renal cortex

Convoluted part

Radiate part

Cortical lobules

Renal medulla

Medullary ray

Renal pyramids

Base of renal pyramid

Renal papillae

Cribose area

Papillary foramina

Renal columns

Renal arteries

Interlobar arteries

Arcuate arteries

Interlobular arteries

Afferent glomerular arteriole [Afferent arteriole]

Efferent glomerular arteriole [Efferent arteriole]

Straight arteriole

Capsular branches

가

Veins of kidney

Interlobar veins

Arcuate veins

Interlobular veins

Straight venules

Stellate venules

Renal pelvis

Renal calices

Major renal calices ()

Minor renal calices ()

Ureter

Abdominal portion

Pelvic portion

Fibrous coat

Muscular coat

Mucous coat

Urinary bladder

Apex of bladder

Body of bladder

Fundus of bladder

Neck of bladder

Median umbilical ligament

Serous coat

Subserous tissue

Muscular coat

Detrusor urinae muscle

Pubovesical muscle

Rectovesical muscle

Rectourethral muscle

Submucous tissue

Mucous coat

Vesical trigone

Interureteric fold

Ureteral opening

Internal urethral opening

Vesical uvula

Female urethra

Male urethra

INTERNAL GENITAL ORGANS OF MALE

Testis

[]

()

Superior extremity

Inferior extremity

Lateral surface

↗

Medial surface

Anterior margin

Posterior margin

Tunica vaginalis testis

Parietal layer

Visceral layer

Superior ligament of epididymis

Inferior ligament of epididymis

Sinus of epididymis

Tunica albuginea

Mediastinum testis

Septums of testis

Lobules of testis

Parenchyme of testis

Convoluted seminiferous tubules

Straight seminiferous tubules

Rete testis

Efferent ductules of testis

Epididymis

Head of epididymis

Body of epididymis

Tail of epididymis

Lobules of epididymis
Duct of epididymis
Aberrant ductules
(Superior aberrant ductules) ()
(Inferior aberrant ductules) ()
Appendix of testis
(Appendix of epididymis) ()
Paradidymis
Deferent duct
Ampulla of deferent duct
Diverticula of ampulla
Fibrous coat
Muscularis coat
Mucous coat
Ejaculatory duct
Seminal vesicle
Fibrous coat
Muscular coat
Mucous coat
Excretory duct
Spermatic cord(coverings)

External spermatic fascia

Cremaster muscle

Cremasteric fascia

Internal spermatic fascia

(Vestige of vaginal process)

()

Prostate [Prostate gland]

Base of prostate

Apex of prostate

Anterior surface

Posterior surface

Inferolateral surface

가

Right lobe

Left lobe

Isthmus of prostate

(Middle lobe)

Prostatic capsule

Parenchyme

Ductules of prostatic gland

Muscular substance

Puboprostatic muscle

Bulbourethral gland

Duct of bulbourethral gland

EXTERNAL GENITAL ORGAN OF MALE

PENIS

Root of penis

Body of penis

Crus of penis

Dorsal surface

Urethral surface

Glans penis

Corona of glans

Septum of glans

Neck of glans

Prepuce of penis

Frenulum of prepuce

Raphe of penis

Corpus cavernosum penis

Corpus spongiosum penis

Bulb of penis

Tunica albuginea of corpus cavernosum

Tunica albuginea of corpus spongiosum

Septum of penis

Trabeculae of corpus cavernosum

Trabeculae of corpus spongiosum

Cavernae of corpus cavernosum

Cavernae of corpus spongiosum

Helicine arteries

Cavernous veins

Superficial fascia of penis

Deep fascia of penis

Preputial glands

Male urethra

Prostatic part

Urethral crest

Seminal colliculus

Prostatic utricle

Prostatic sinus

Membranous part

Spongy part

Navicular fossa of urethra

()

(Valve of navicular fossa)

External urethral opening

Urethral lacunae

Urethral glands

Paraurethral duct

Scrotum

Raphe of scrotum

Septum of scrotum

Dartos tunic

Dartos muscle

INTERNAL GENITAL ORGANS OF FEMALE

Ovary

Hilus of ovary

Medial surface

기

Lateral surface

Free border

Mesovarial border

Tubal extremity

Uterine extremity

Tunica albuginea

Stroma of ovary

Cortex of ovary

Medulla of ovary

Primary ovarian follicle

Vesicular ovarian follicle

Corpus luteum

Corpus albicans

Proper ovarian ligament

UTERINE TUBE []

Abdominal opening of uterine tube

Infundibulum of uterine tube

Fimbriae of uterine tube

Ovarian fimbriae

Ampulla of uterine tube

Isthmus of uterine tube

Uterine part

Uterine ostium of uterine tube

Serous coat

Subserous tissue

Muscular coat

Mucous coat

Tubal folds of uterine tube

UTERUS

Uterine body

Uterine fundus

Right uterine horn

Left uterine horn

Right uterine margin

Left uterine margin

Intestinal surface

Uterine cavity

Vesical surface

Isthmus of uterus

Uterine cervix

Supravaginal portion

Vaginal portion

Uterine orifice

Ventral lip

Dorsal lip

Cervical canal of uterus

Palmate folds

Cervical glands

Parametrium

Paracervix

Serous coat [Perimetrium]

[]

()

Subserous tissue

Muscular coat [Myometrium]	[]	()
Rectouterine muscle		
Mucous coat [Endometrium]	[]	()
Uterine glands		
Round ligament of uterus		
Vagina		
Fornix of vagina		
Anterior part		
Posterior part		
Lateral part	가	
Anterior wall		
Posterior wall		
Hymen		
Hymenal caruncle		
Muscular coat		
Mucous coat		
Vaginal rugae		
Columns of vaginal rugae		
Column of anterior ruga		
Column of posterior ruga		
Urethral carina of vagina		

Spongy coat

Epoophoron

Longitudinal duct of epoophoron

Transverse ductules

가

Vesicular appendix

Paroophoron

(Vestigial deferent duct)

()

EXTERNAL GENITAL ORGAN OF FEMALE

Female pudendum

Mons pubis

Labium majora of pudendum

Anterior labial commissure

Posterior labial commissure

Pudendal cleft

Labium minora of pudendum

Frenulum of pudendal labia

Vestibule of vagina

Vestibular fossa of vagina

Vestibular bulb

Intermediate part (commissura) of bulb

Vaginal orifice

Lesser vestibular glands
Greater vestibular gland
Clitoris
Crus of clitoris
Body of clitoris
Glans of clitoris
Frenulum of clitoris
Prepuce of clitoris
Right corpus cavernosum of clitoris
Left corpus cavernosum of clitoris
Septum of clitoris
Fascia of clitoris
Female urethra
External urethral opening
Muscular coat
Spongy coat
Mucous coat
Urethral glands
Urethral lacunae
(Paraurethral duct) ()
Urethral crest

PERINEUM

[]

Perineal raphe

Perineal muscles

Perineal body

Pelvic diaphragm

가

Levator ani muscle

Pubococcygeus muscle

Levator prostatae muscle[Pubovaginalis muscle]

[]

Puborectalis muscle

Iliococcygeus M.

(Tendinous arch of levator ani M.)

()

Anococcygeal ligament

Coccygeus muscle

Sphincter ani externus muscle

Subcutaneous part

Superficial part

Deep part

Pelvic fascia

Parietal pelvic fascia

Obturator fascia

Visceral pelvic fascia

Fascia of prostate	
Peritoneoperineal fascia	
Rectovesical septum	
Rectovaginal septum	
Superior fascia of pelvic diaphragm	가
Tendinous arch of pelvic fascia	
Puboprostatic ligament [Pubovesical ligament]	[]
Inferior fascia of pelvic diaphragm	
Deep perineal space	
Deep transverse perineal muscle	가
Sphincter muscle of urethra	
Compressor muscle of urethra	
Urethrovaginal sphincter muscle	
Perineal membrane	
(Inferior fascia of urogenital diaphragm)	()
Transverse ligament of perineum	가
Superficial perineal space	
Superficial transverse muscle of perineum	가
Ischiocavernous muscle	
Bulbospongiosus muscle	
Superficial perineal fascia	

Ischioanal fossa

Adipose body of ischioanal fossa

Pudendal canal

ABDOMINAL CAVITY []

PERITOMEUM []

Peritoneal cavity

Extraperitoneal space

Retroperitoneal space

Retropubic space

Extraperitoneal fascia

Extraperitoneal organ

Parietal peritoneum

Visceral peritoneum

Serosa

Subserous tissue

Epiploic foramen

Omental bursa

Vestibule of omental bursa

Superior omental recess ()

Inferior omental recess ()

Splanic recess

Gastropancreatic fold

Hepatopancreatic fold

Mesentery

Root of mesentery

Mesocolon

Transverse mesocolon

γ

Ascending mesocolon

Descending mesocolon

Sigmoid mesocolon

s

Mesoappendix

Lesser omentum

Hepatogastric ligament

Hepatoduodenal ligament

(Hepatocolic ligament)

()

Greater omentum

Gastrophrenic ligament

Gastrosplenic ligament [Gastrolienal ligament]

Gastrocolic ligament

Phrenicocolic ligament

"Splenorenal ligament [lienorenal, phrenicosplenic]"

[]

Ligament of liver

Coronary ligament

Falciform ligament (of liver)

Right triangular ligament

Left triangular ligament

Hepatorenal ligament

Fold and fossa

Rostral retention band[suspensory m. of duodenum]

Superior duodenal fold [Duodenojejunal fold]

Superior duodenal fossa

Inferior duodenal fold[Duodenomesocolic fold]

Inferior duodenal fossa

(Paraduodenal fold) ()

(Paraduodenal fossa) ()

(Retroduodenal fossa) ()

Intersigmoid fossa

S

Superior ileocecal fossa

Vascular cecal fold

Inferior ileocecal fossa

Ileocecal fold

Retrocecal fossa

Cecal folds

Paracolic grooves
Subphrenic fossa
Subhepatic fossa
Hepatorenal fossa
Anterior parietal peritoneum
Median umbilical fold
Supravesical fossa
Medial umbilical fold
Medial inguinal fossa
Inguinal triagone
Lateral umbilical fold
Lateral inguinal fossa
Transverse vesical fold
Paravesical fossa
Urogenital peritoneum
Broad ligament of uterus
Mesometrium
Mesosalpinx
Mesovarium
Suspensory ligament of ovary
Ovarian fossa

가
가
가

Rectouterine fold

Rectouterine pouch

Vesicouterine pouch

Rectovesical pouch

Paravesical fossa

ENDOCRINE GLAND

Thyroid gland []

Right lobe

Left lobe

Isthmus of thyroid gland

(Pyramidal lobe) ()

Accessory thyroid glands

Fibrous capsule

Stroma

Parenchyme

Lobule

Superior parathyroid gland

Inferior parathyroid gland

Pituitary gland

Adenohypophysis [Anterior lobe] []

Tuberal part

Intermediate part

Distal part

Neurohypophysis [Posterior lobe]

[]

Infundibulum

Neural lobe

PINEAL BODY [PINEAL GLAND]

[]

THYMUS

가

Right lobe

Left lobe

(Nodules of accessory thymus)

(가)

Cortex of thymus

가

Medulla of thymus

가

Lobules of thymus

가

Suprarenal (adrenal) gland

[]

Anterior surface

Posterior surface

Renal surface

Superior margin

Medial margin

Cortex

Medulla

Hilum

Central vein

Accessory suprarenal glands

ANGIOLOGY

CARDIOVASCULAR SYSTEM

General Term

Arteriovenous anastomosis

Artery

Nutrient artery

Arteriole

Arterial circle

Vascular circle

Cistern

Blood

()

Lymph

Vascular nerves

Lymph nodes

Lymphatic nodules

Lymphatic plexus

Vascular plexus

Venous plexus

Arterial network

Rete mirabile

Articular vascular network

Venous network

Venous sinus

External coat

Internal coat

Middle coat

Valve

Lymphatic valve

Venous valve

Anastomotic vessel

Capillary vessel

Collateral vessel

Lymphatic vessel

Sinusoidal vessel

Vasa vasorum

Vein

Accompanying vein

Cutaneous vein

Emissary vein

Deep vein

Superficial vein

Venule

()

HEART

Base of heart

Sternocostal surface

Diaphragmatic surface

↗

Pulmonary surface

Right margin

Apex of heart

Apical incisure

Anterior interventricular sulcus

Posterior interventricular sulcus

Coronary sulcus

Right ventricle

Left ventricle

Interventricular septum

Muscular part

Membraneous part

Atrioventricular septum

Right atrium

Left atrium

Atrial auricle

Interatrial septum

Carneous trabeculae

Vortex of heart

Papillary muscles

Chordae tendineae

Right fibrous trigon

Left fibrous trigon

Right fibrous ring

Left fibrous ring

Infundibular tendon

Right atrium

Right auricle

Terminal crest

Openings of small veins

Oval fossa

Limbus fossae ovalis

(Oval foramen)

()

Pectinate muscle

Orifice of coronary sinus [] ()
Orifice of inferior vena cava
Orifice of superior vena cava
Sinus venarum cavarum
Terminal sulcus
Intervenous tubercle
Valve of inferior vena cava
Valve of coronary sinus
Right ventricle
Right atrioventricular orifice
Right atrioventricular valve [Tricuspid valve] [] ()
Anterior cusp
Posterior cusp
Septal cusp
Supraventricular crest
Arterial cone
Orifice of pulmonary trunk
Valve of pulmonary trunk
Anterior semilunar valve
Right semilunar valve
Left semilunar valve

Nodules of semilunar valves
Lunulae of semilunar valve
Anterior papillary muscle
Posterior papillary muscle
Septomarginal trabecula
Carneous trabeculae
Left atrium
Left auricle
Pectinate muscles
Orifices of pulmonary veins
Valve of oval foramen
Left ventricle
Left atrioventricular orifice
Left atrioventricular valve [Mitral valve] [] ()
Anterior cusp
Posterior cusp
Commissural cusps
Anterior papillary muscle
Posterior papillary muscle
Aortic opening
Carneous trabeculae

Aortic valve

Right semilunar valve

Posterior semilunar valve

Left semilunar valve

Nodules of semilunar valves

Lunulae of semilunar valves

Endocardium

Myocardium

Conduction system of heart

Sinuatrial node

Atrioventricular node

Atrioventricular bundle

Right crus

Left crus

Subendocardial branches

가

가

Pericardium

Fibrous pericardium

Sternopericardial ligaments

Serous pericardium

Parietal layer

Visceral layer [Epicardium]

[]

()

Pericardial cavity	
Transverse sinus	가
Oblique sinus	
Artery	
Pulmonary trunk	
Sinus of pulmonary trunk	
Bifurcation of pulmonary trunk	
Right pulmonary artery	
Superior lobar branches	가
Apical branch	가
Anterior ascending branch	가
Anterior descending branch	가
Posterior ascending branch	가
Posterior descending branch	가
Medial lobar branches	가
Medial branch	가
Lateral branch	가 가
Inferior lobar branches	가
Superior branch of inferior lobe	가
Basal part	가
Anterior basal branch	가

Lateral basal branch	가	가
Medial basal branch		가
Posterior basal branch		가
Left pulmonary artery		
Ligamentum arteriosum		
(Ductus arteriosus)	()	
Superior lobar branches	가	가
Apical branch	가	
Anterior ascending branch	가	()
Anterior descending branch	가	()
Posterior branch	가	()
Lingular branch	가	
Inferior lingular branch	가	
Superior lingular branch	가	
Inferior lobar branches	가	
Superior branch of inferior lobe	가	
Basal part	가	
Anterior basal branch	가	
Lateral basal branch	가	가
Medial basal branch		가
Posterior basal branch	가	

AORTA

Ascending Aorta

Aortic bulb

Aortic sinus

Right coronary artery

[]

Atrioventricular branches

가

Conal branch

가

Sinuatrial nodal branch

가

Atrial branches

가

Right marginal branch

가

Intermediate atrial branch

가

Posterior interventricular branch

가

Interventricular septal branches

가

Atrioventricular nodal branch

가

(Right posterolateral branch)

(가 가)

Left coronary artery

[]

Anterior interventricular branch

가

Conal branch

가

Lateral branch

가 가

Interventricular septal branch

가

Circumflex branch

가

Anastomotic atrial branch	가
Atrioventricular branches	가
Left marginal branch	가
Intermediate atrial branch	가
Posterior branch of left ventricle	가
(Sinuatrial nodal branch)	(가)
(Atrioventricular nodal branch)	(가)
Atrial branches	가
Aortic arch	
Aortic isthmus	
Aortic body	
Brachiocephalic trunk	
(Thyroidea ima artery)	()
Common carotid artery	()
Carotid body	
Carotid sinus	
Carotid bifurcation	
External carotid artery	
Superior thyroid artery	
Infrathyroid branch	가
Sternocleidomastoid branch	가

Superior laryngeal artery	
Cricothyroid branch	가
Anterior glandular branch	가
Posterior glandular branch	가
Lateral glandular branch	가 가
Ascending pharyngeal artery	
Posterior meningeal artery	
Pharyngeal branches	가
Inferior tympanic artery	
(Linguofacial trunk)	()
Lingual artery	
Suprahyoid branch	가
Dorsal lingual branches	가
Sublingual artery	
Deep lingual artery	
Facial artery	
Ascending palatine artery	
Tonsillar branch	가
Submental artery	
Glandular branches	가
Inferior labial artery	

Superior labial artery	
Nasal septal branch	가
Lateral nasal branch	가 가
Angular artery	
Occipital artery	
Mastoid branch	가
Auricular branch	가
Sternocleidomastoid branches	가
Occipital branches	가
(Meningeal branch)	(가)
Descending branch	가
Posterior auricular branch	
Stylomastoid artery	
Posterior tympanic artery	
Mastoid branches	가
(Stapedial branch)	(가)
Auricular branch	가
Occipital Branch	가
Parotid branch	가
Superficial temporal artery	
Parotid branch	가

Transverse facial artery	가
Anterior auricular branches	가
Zygomatico-orbital artery	
Middle temporal artery	
Frontal branch	가
Parietal branch	가
Maxillary artery	
Deep auricular artery	
Anterior tympanic artery	
Inferior alveolar artery	
Dental branches	가
Peridental branches	가
Mental branch	가
Mylohyoid branch	가
Middle meningeal artery	
Accessory branch	가
Frontal branch	가
Orbital branch	가
Parietal branch	가
Petrosal branch	가
Superior tympanic artery	

Anastomotic branch (with lacrimal artery)	가 ()
Pterygomeningeal artery	
Masseteric artery	
Anterior deep temporal artery	
Posterior deep temporal artery	
Pterygoid branches	가
Buccal artery	
Posterior superior alveolar artery	
Dental branches	가
Peridental branches	가
Infraorbital artery	
Anterior superior alveolar arteries	
Dental branches	가
Peridental branches	가
Artery of pterygoid canal	
Pharyngeal branch	가
Descending palatine artery	
greater palatine artery	
Lesser palatine arteries	
Pharyngeal branch	가
Sphenopalatine artery	

Posterior lateral nasal arteries	가
Posterior septal branches	가
Internal carotid artery	
Cervical portion	
Carotid sinus	
Petrosus portion	
Caroticotympanic arteries	
Artery of pterygoid canal	가
Cavernous portion	
Tentorial basal branch	가
Tentorial marginal branch	가
Meningeal branch	가
Branch of cavernous sinus	가
Inferior hypophysial artery	
Trigeminal ganglionic branch	가
Branches to nerve	가
Cerebral portion	
Superior hypophysial artery	
Branches of clivus	가
Ophthalmic artery	
Central artery of retina	

Lacrimal artery	
Anastomotic branch (with middle meningeal artery)	가 ()
Lateral palpebral arteries	가
Recurrent meningeal branch	가
Short posterior ciliary arteries	
Long posterior ciliary arteries	
Muscular arteries	
Anterior ciliary arteries	
Anterior conjunctival arteries	
Episcleral arteries	
Supraorbital artery	
Diploic branch	가
Anterior ethmoidal artery	
Anterior meningeal branch	가
Anterior septal branches	가
Lateral anterior nasal branch	가 가
Posterior ethmoidal artery	
Medial palpebral arteries	
Posterior conjunctival arteries	
Inferior palpebral arch	
Superior palpebral arch	

Supratrochlear artery		
Dorsal nasal artery		
Cerebral arteries		
Anterior choroidal artery		
Lateral ventricular choroidal branches	가	가
Third ventricular choroidal branches		가
Anterior perforating substancial branches		가
Optic tract branches		가
Branches of lateral geniculate body	가	가
Branches of internal capsule		가
Branches of globus pallidus		가
Caudal branches of caudate nuclei		가
Branches of tuberculum cinereum		가
Branches of hypothalamic nucleus		가
Branches of substantia nigra		가
Branches of red nuclei		가
Branches of amygdaloid body		가
Anterior cerebral artery		
Precommunicating portion		
Anteromedial central arteries		
Short central artery		

Long central artery

Anterior communicating artery

Anteromedial central branches

가

Postcommunicating portion

[]

Medial frontobasal artery [Medial orbitofrontal branch]

Callosomarginal artery

Anteromedial frontal branch

가

Mediomedial frontal branch

가

Posteromedial frontal branch

가

Cingulate branch

가

Paracentral artery

Precuneate artery

Parietooccipital artery

Middle cerebral artery

Sphenoidal portion

Anterolateral central arteries [Anterolateral thalamostriate

가

[가]

Lateral branches

가 가

Medial branches

가

Insular portion

Insular arteries

Lateral frontobasal artery [Lateral orbitofrontalis branch]

가

[가]

가]

Anterior temporal artery
Middle temporal artery
Posterior temporal artery
Terminal portion
Artery of central sulcus
Artery of precentral sulcus
Artery of postcentral sulcus
Anterior parietal arteries
Posterior parietal arteries
Artery of angular gyrus
Posterior communicating artery
Cerebral arterial circle
Internal carotid artery
Anterior cerebral artery
Anterior communicating artery
Anteromedial central arteries
Middle cerebral artery
Posterior communicating artery

가

가

가

Chiasmatic branch

Oculomotor nervous branch

Thalamic branch

Hypothalamic branch	가
Caudate branch of caudate nuclei	가
Basilar artery	
Posterior cerebral artery	
Posterior cerebral artery	
Precommunicating portion	
Posteromedial central arteries	
Postcommunicating portion	
Posterolateral central arteries	가
Thalamic branches	가
Medial posterior choroidal branches	가
Lateral posterior choroidal branches	가 가
Peduncular branches	가
Terminal portion	
Lateral occipital artery	가
Anterior temporal branches	가
Middle temporal branches	가
Posterior temporal branches	가
Medial occipital artery	
Dorsal corpus callosal branch	가
Parietal branch	가

Parieto-occipital branch	가	
Calcarine branch	가	
Occipito-temporal branch	가	
Subclavian artery		
Vertebral artery		
Prevertebral portion		
Transverse portion	가	
Spinal branches	가	
Muscular branches	가	
Atlantic portion		
Intracranial portion		
Meningeal branches	가	
Anterior spinal artery		
Posterior inferior cerebellar artery		
Posterior spinal artery		
Choroidal branch of fourth ventricle	가	4
Cerebellar tonsillar branch	가	
Medial medullary branches	가	
Lateral medullary branches	가	가
Basilar artery		
Anterior inferior cerebellar artery		

Labyrinthine a.

(Internal auditory branch)

(가)

Pontine arteries

Mesencephalic arteries

Superior cerebellar artery

Posterior cerebral a.

Internal thoracic artery

가

Mediastinal branches

가

Thymic branches

가 가

(Bronchial branches)

(가)

(Tracheal branches)

(가)

Pericardiophrenic artery

가

Sternal branches

가

Perforating branches

가

Medial mammary branches

가

(Lateral costal branch)

(가 가)

Anterior intercostal branches

가

Musculophrenic artery

가

Superior epigastric artery

Thyrocervical trunk

Inferior thyroid artery

Inferior laryngeal artery	
Glandular branches	가
Pharyngeal branches	가
Esophageal branches	가
Tracheal branches	가
Ascending cervical artery	
Spinal branches	가
Suprascapular artery	
Acromial branch	가
Transverse cervical artery	가
Superficial cervical a.	가 []
Ascending branch	가
Descending branch	가
Dorsal scapular a.	가 []
(Dorsal scapular artery)	()
Costocervical trunk	()
Deep cervical artery	
Uppermost intercostal artery	
First posterior intercostal artery	1
Second posterior intercostal artery	2
Dorsal branches	가

Spinal branches	가
ARTERIES OF UPPER LIMB	
Axillary artery	
Subscapular branches	가
Superior thoracic artery	가
Thoraco-acromial artery	가
Acromial branch	가
Acromial network	
Clavicular branch	가
Deltoid branch	가
Pectoral branches	가 가
Lateral thoracic artery	가 가
Lateral mammary branches	가 가
Subscapular artery	
Thoracodorsal artery	가
Circumflex scapular artery	
Anterior circumflex humeral artery	
Posterior circumflex humeral artery	
Brachial artery	
(Superficial brachial artery)	()
Deep brachial artery	

Nutrient arteries of humerus

Deltoid branch

가

Middle collateral artery

Radial collateral artery

Superior ulnar collateral artery

Inferior ulnar collateral artery

Radial artery

Radial recurrent artery

Palmar carpal branch

가

Superficial palmar branch

가

Dorsal carpal branch

가

Dorsal carpal network

Dorsal metacarpal arteries

Dorsal digital arteries

가

Princeps pollicis artery

Radial indicis a.

Deep palmar arch

Palmar metacarpal arteries

Perforating branches

Ulnar artery

Ulnar recurrent artery

Anterior branch	가
Posterior branch	가
Network of elbow joint	
Common interosseous artery	
Anterior interosseous artery	
Accompanying artery of median nerve	
Posterior interosseous artery	
Interosseous recurrent artery	
Dorsal carpal branch	가
Palmar carpal branch	가
Deep palmar branch	가
Superficial palmar arch	
Common palmar digital arteries	가
Proper palmar digital arteries	가
Descending part of aorta [Descending aorta]	
Thoracic aorta	가
Bronchial branches	가
Esophageal branches	가
Pericardial branches	가
Mediastinal branches	가
Superior phrenic arteries	가

Posterior intercostal arteries

Dorsal branch	가
Medial cutaneous branch	가
Lateral cutaneous branch	가 가
Spinal branches	가
Postcentral branch	가
Prelaminar branch	가
Posterior radicular artery	
Anterior radicular artery	
Spinal segmental artery	
Collateral branch	가
Lateral cutaneous branch	가 가
Lateral mammary branches	가 가
Subcostal artery	
Dorsal branch	가
Spinal branch	가
Abdominal portion of aorta [Abdominal aorta]	
Inferior phrenic artery	가
Superior suprarenal arteries	
Lumbar arteries	
Dorsal branch	가

Spinal branch	가
Median sacral artery	
Lowermost lumbar arteries	
Lateral sacral branches	가 가
Coccygeal body	
Celiac trunk	()
Left gastric artery	
Esophageal branches	가
Common hepatic artery	
Right gastric artery	
Proper hepatic artery	
Right branch	가
Cystic artery	가
Caudate lobar artery	
Anterior segmental artery	
Posterior segmental artery	
Left branch	가
Caudate lobar artery	
Medial segmental artery	
Lateral segmental artery	가
Intermediate branch	가

Gastroduodenal artery (Supraduodenal artery)	()
Posterior superior pancreaticoduodenal artery	
Pancreatic branches	가
Duodenal branches	가
Retroduodenal arteries	
Right gastro-omental[epiploic] artery	
Gastric branches	가
Omental[Epiploic] branches	가
Anterior superior pancreaticoduodenal artery	
Pancreatic branches	가
Duodenal branches	가
Splenic artery	
Pancreatic branches	가
Dorsal pancreatic artery	
Inferior pancreatic artery	
Caudal pancreatic artery	
Major pancreatic artery	
Left gastro-omental [epiploic] artery	
Gastric branches	가
Omental branches	가

Short gastric arteries

Splenic branches

가

Posterior gastric artery

Superior mesenteric artery

Inferior pancreaticoduodenal artery

Anterior branch

가

Posterior branch

가

Jejunal arteries

Ileal arteries

Ileocolic artery

Anterior cecal artery

Posterior cecal artery

Appendicular artery

Ileal branch

가

Colic branch

가

Right colic artery

Right flexural artery

Middle colic artery

Marginal artery of colon

Inferior mesenteric artery

Ascending artery

Left colic artery

S

Sigmoid arteries

Superior rectal artery

Middle suprarenal artery

Renal artery

Capsular arteries

Inferior suprarenal artery

Anterior branch

가

Superior segmental artery

Superior anterior segmental artery

Inferior anterior segmental artery

Inferior segmental artery

Posterior branch

가

Posterior segmental artery

Ureteric branch

Testicular artery

Ureteric branches

Epididymal branches

Ovarian artery

Ureteric branches

Tubal branches

Aortic bifurcation	
Common iliac artery	
Internal iliac artery	
Iliolumbar artery	
Lumbar branch	가
Spinal branch	가
Iliac branch	가
Lateral sacral artery	가
Spinal branches	가
Obturator artery	
Pubic branch	가
Acetabular branch	가
Anterior branch	가
Posterior branch	가
Superior gluteal artery	
Superficial branch	가
Deep branch	가
Superior branch	가
Inferior branch	가
Inferior gluteal artery	
Accompanying artery of sciatic nerve	

Umbilical artery	
Open portion	
Artery to ductus deferens	
Ureteric branches	가
Superior vesical arteries	
Closed portion	
Medial umbilical ligament	
Inferior vesical artery	
Prostatic branches	가
Uterine artery	
Helical branches	가
Vaginal branches	가 []
Ovarian branch	가
Tubal branch	가
Vaginal artery	
Middle rectal artery	
(Vaginal branches)	(가)
Internal pudendal artery	
Inferior rectal artery	
Perineal artery	
Posterior scrotal branches	가

Posterior labial branches	가
Urethral artery	
Artery of bulb of penis	
Artery of bulb of vestibule	
Dorsal artery of penis	
Dorsal artery of clitoris	
Deep artery of penis	
Deep artery of clitoris	
ARTERIES OF LOWER LIMB	
External iliac artery	
Inferior epigastric artery	
Pubic branch	가
Obturator branch	가
(Accessory obturator artery)	()
Cremasteric artery	
Artery of ligamentum teres of uterus	
Deep circumflex iliac artery	
Ascending branch	가
Femoral artery	
Superficial epigastric artery	
Superficial iliac circumflex artery	

External pudendal artery	
Anterior scrotal branches	가
Anterior labial branches	가
Inguinal branches	가
Descending genicular artery	
Saphenous branch	가
Articular branch	가
Deep femoral artery	
Medial femoral circumflex artery	
Superficial branch	가
Deep branch	가
Acetabular branch	가
Ascending branch	가
Descending branch	가
Lateral femoral circumflex artery	가
Ascending branch	가
Descending branch	가
Transverse branch	가 가
Perforating arteries	
femoral nutrient arteries	
Popliteal artery	

Lateral superior genicular artery	가
Medial superior genicular artery	
Middle genicular artery	
Sural arteries	
Lateral inferior genicular artery	가
Medial inferior genicular artery	
Articular arterial network of knee	
Patellar arterial network	
Anterior tibial artery	
Anterior tibial recurrent artery	
(Posterior tibial recurrent artery)	()
Anterior lateral malleolar artery	가
Anterior medial malleolar artery	
Lateral malleolar network	가
Dorsal plantar artery	
Lateral tarsal artery	가
Medial tarsal arteries	
(Arcuate artery)	()
Dorsal metatarsal arteries	
Dorsal digital arteries	가
Deep plantar artery	

Posterior tibial artery	
Fibular circumflex branch	가
Medial malleolar branches	가
Medial malleolar network	
Calcaneal branches	가
Nutriant tibial artery	
Medial plantar artery	
Deep branch	가
Superficial branch	가
Lateral plantar artery	가
Deep plantar arch	
Plantar metatarsal arteries	
Perforating branches	가
Common plantar digital arteries	가
Proper plantar digital arteries	가
Superficial plantar arch	()
Peroneal artery	
Perforating branch	가
Communicating branch	가
Lateral malleolar branches	가 가
Calcaneal branches	가

Calcaneal network

Nutrient fibular artery

VEIN

Cardiac veins

Anterior interventricular vein

Left coronary vein

Coronary sinus

Oblique vein of left atrium

Left vena caval fold

Posterior veins of left ventricle

Posterior interventricular vein

Right marginal vein

Right coronary vein

Small cardiac vein

Anterior vein of right ventricle

Right atrial veins

Left atrial veins

Atrioventricular veins

Smallest cardiac veins

Ventricular veins

Pulmonary vein

Right superior pulmonary vein

Apical branch

가

Intrasegmental portion

Intersegmental portion

Anterior branch

가

Intrasegmental portion

Intersegmental portion

Posterior branch

가

Infralobar portion

Intralobar portion

Middle lobar branch

가

Lateral portion

가

Medial portion

Right inferior pulmonary vein

Superior branch

가

Intrasegmental portion

Intersegmental portion

Common basal vein

Superior basal vein

Anterior basal root

Intrasegmental portion

Intersegmental portion

Inferior basal vein

Left superior pulmonary veins

Apicoposterior branch

가

Intrasegmental portion

Intersegmental portion

Anterior branch

가

Intrasegmental portion

Intersegmental portion

Lingular branch

가

Superior portion

Inferior portion

Left inferior pulmonary vein

Superior branch

가

Intrasegmental portion

Intersegmental portion

Common basal vein

Superior basal vein

Anterior basal branch

가

Intrasegmental portion

Intersegmental portion

Inferior basal vein

SUPERIOR VENA CAVA

Right brachiocephalic vein

Left brachiocephalic vein

Inferior thyroid veins

Azygous thyroid plexus

Inferior laryngeal vein

Thymic veins

가

Pericardiac veins

Pericardiophrenic veins

가

Mediastinal veins

Bronchial veins

Tracheal veins

Esophageal veins

Vertebral vein

Occipital vein

Anterior vertebral vein

(Accessory vertebral vein)

()

Suboccipital venous plexus

Deep cervical vein

Internal thoracic veins

가

Superior epigastric veins

Abdominal subcutaneous veins

Musculophrenic veins

가

Anterior intercostal veins

Uppermost intercostal vein

Left superior intercostal vein

Internal jugular vein

Superior jugular bulb

Cochlear aqueductal vein

Inferior jugular bulb

Pharyngeal plexus

Pharyngeal veins

Meningeal veins

Lingual vein

Dorsal lingual veins

Accompanying vein of hypoglossal nerve

Sublingual vein

Deep lingual vein

Superior thyroid vein

Middle thyroid vein

Sternocleidomastoid vein

Superior laryngeal vein

Facial vein

Angular vein

Supratrochlear veins

Supraorbital vein

Superior palpebral veins

External nasal vein

Inferior palpebral veins

Superior labial vein

Inferior labial veins

Deep facial vein

Parotid branches

가

External palatine vein

Submental vein

()

Retromandibular vein

Superficial temporal veins

Middle temporal vein

Transverse facial vein

가

maxillary veins

Pterygoid plexus

Middle meningeal veins

Deep temporal veins

Pterygoid canal vein

Anterior auricular veins

Parotid veins

Articular veins

Tympanic veins

Stylomastoid vein

External jugular vein

Posterior auricular vein

Anterior jugular vein

Jugular venous arch

Suprascapular vein

Transverse cervical veins

가

Sinus of dura mater

Transverse sinus

가

Confluence of the sinuses

Marginal sinus

Occipital sinus

Basilar plexus

Sigmoid sinus

s

Superior sagittal sinus

Lateral venous lacunae
Inferior sagittal sinus
Straight sinus
Inferior petrosal sinus
Labyrinthine veins
Superior petrosal sinus
Cavernous sinus
Intercavernous sinus
Sphenoparietal sinus
Diploic vein
Frontal diploic veins
Anterior temporal diploic vein
Posterior temporal diploic vein
Occipital diploic vein
Emissary vein
Parietal emissary vein
Mastoid emissary vein
Condylar emissary vein
Occipital emissary vein
Venous plexus of hypoglossal canal
Venous plexus of foramen ovale

가

Internal carotid venous plexus

Portal veins of hypophysis

Cerebral vein

Superficial cerebral vein

Superior cerebral veins

Prefrontal veins

Frontal veins

Parietal veins

Occipital veins

Superficial middle cerebral vein

Inferior anastomotic vein

Superior anastomotic vein

Inferior cerebral veins

V. of uncus

Deep cerebral vein

Basal vein

Anterior cerebral veins

Deep middle cerebral vein

Insular veins

Inferior thalamostriate veins

Vein of olfactory gyrus

Inferior ventricular vein		
Inferior choroidal vein		
Peduncular veins		
Great cerebral vein		
Internal cerebral veins		
Superior choroidal vein		
Superior thalamostriate vein	[]
Anterior vein of septum pellucidum		
Posterior vein of septum pellucidum		
Medial atrial vein of lateral ventricle	가	
Lateral atrial vein of lateral ventricle	가	가
Veins of caudate nucleus		
Direct lateral veins	가	
Posterior vein of corpus callosum		
Dorsal vein of corpus callosum		
Veins of brain stem		
Anterior pontomesencephalic vein		
Pontine veins		
Veins of medulla oblongata		
Veins of lateral recess of fourth ventricle	가	4
Cerebellar veins		

Superior vein of vermis
Inferior vein of vermis
Superior veins of cerebella hemisphere
Inferior veins of cerebella hemisphere
Precentral vein of cerebellum
Petrosal vein
Orbital veins
Superior ophthalmic vein
Nasofrontal vein
Ethmoidal veins
Lacrimal vein
Vortex veins
Ciliary veins
Anterior ciliary veins
(Scleral venous sinus) () ()
Scleral veins
Central retinal vein
Episcleral veins
Palpebral veins
Conjunctival veins
Inferior ophthalmic vein

Azygous vein

Azygous venous arch

Right superior intercostal vein

Hemiazygous vein

Accessory hemiazygous vein

Esophageal veins

Bronchial veins

Pericardial veins

Mediastinal veins

Superior Phrenic veins

가

Ascending lumbar vein

Lumbar veins

Subcostal vein

Posterior intercostal veins

Dorsal branch

가

Intervertebral vein

Spinal branch

가

Veins of vertebral column

Anterior external vertebral venous plexus

Posterior external vertebral venous plexus

Anterior internal vertebral venous plexus

Basivertebral veins

Spinal veins

Anterior spinal veins

Posterior spinal veins

Posterior internal vertebral venous plexus

Veins of upper limb

Subclavian vein

Pectoral veins

가

Dorsal scapular vein

(Thoracoacromial vein)

가

)

()

Axillary vein

Subscapular vein

Circumflex scapular vein

Thoracodorsal vein

가

Posterior circumflex humeral vein

Anterior circumflex humeral vein

Lateral thoracic vein

가 가

Thoracoepigastric veins

가

Areolar venous plexus

Superficial vein of upper limb

Cephalic vein

Thoracoacromial vein	가
(Accessory cephalic vein)	()
Basilic vein	
Median cubital vein	
Median antebrachial vein	
Median cephalic vein	
Median basilic v.	
Dorsal venous network of hand	
Intercapitular veins	
Superficial palmar venous arch	
Palmar digital veins	가
Dorsal metacarpal veins	
Deep veins of upper limb	
Brachial veins	
Ulnar veins	
Radial veins	
Anterior interosseous veins	
Posterior interosseous veins	
Deep palmar venous arch	
Palmar metacarpal veins	
INFERIOR VENA CAVA	

Inferior phrenic veins	가
Lumbar veins	
Ascending lumbar vein	
Hepatic veins	
Right hepatic veins	
Intermediate hepatic veins	
Left hepatic veins	
Renal veins	
Capsular veins	
Left suprarenal vein	
Left testicular vein	
Left ovarian vein	
Right suprarenal vein	
Right testicular vein	
Right ovarian vein	
Pampiniform plexus	
Portal veins	
Right branch	가
Anterior branch	가
Posterior branch	가
Left branch	가

Transverse portion	가
Caudate branch	가
Umbilical portion	
Ligamentum venosum	
Ductus venosus	()
Lateral branch	가 가
Left umbilical vein	
Round ligament of liver	
(Left umbilical vein)	()
Medial branch	가
Cystic vein	
Paraumbilical veins	
Left gastric vein	
Right gastric vein	
Prepyloric vein	
Superior mesenteric vein	
Jejunal veins	
Ileal veins	
Right gastro-omental[epiploic] vein	
Pancreatic veins	
Pancreaticoduodenal veins	

Ileocolic vein

Appendicular vein

Right colic vein

Middle colic vein

Splenic vein

Pancreatic veins

Short gastric veins

Left gastro-mental[epiploic] vein

Inferior mesenteric vein

Left colic vein

Sigmoid veins

S

Superior rectal vein

Common iliac vein

Median sacral vein

Iliolumbar vein

Internal iliac vein

Superior gluteal veins

Inferior gluteal veins

Obturator veins

Lateral sacral veins

¶

Sacral venous plexus

Rectal venous plexus

Vesical veins

Vesical venous plexus

Prostatic venous plexus

Deep dorsal vein of penis

Deep dorsal vein of clitoris

Uterine veins

Uterine venous plexus

Vaginal venous plexus

Middle rectal veins

Internal pudendal vein

Deep veins of penis

Deep veins of clitoris

Inferior rectal veins

Posterior scrotal veins

Posterior labial veins

Vein of bulb of penis

Vein of vestibular bulb

External iliac vein

Inferior epigastric vein

Pubic branch [Accessory obturator vein]

가 [] ()

Deep circumflex iliac vein
Veins of lower limb
Superficial veins of lower limb
Great saphenous vein
External pudendal veins.
Superficial circumflex iliac vein
Superficial epigastric vein
Accessory saphenous veins
Superficial dorsal veins of penis
Superficial dorsal veins of clitoris
Anterior scrotal veins
Anterior labial veins
Small saphenous vein
Dorsal venous network of foot
Dorsal venous arch of foot
Dorsal metatarsal veins
Dorsal digital veins of foot
Plantar venous network
Plantar venous arch
Plantar metatarsal veins
Plantar digital veins

가

가

Intercapitular veins

Lateral marginal vein

가

Medial marginal vein

Deep veins of lower limb

Femoral vein

Deep femoral vein

Medial circumflex femoral vein

Lateral circumflex femoral vein

가

Perforating veins

Popliteal vein

Sural veins

Genicular veins

Anterior tibial veins

Posterior tibial veins

Peroneal veins

LYMPHATIC SYSTEM

Lymphatic vessel

Lymphocapillary vessel

Lymphocapillary network

Lymphatic vessel

Lymphatic plexus

Superficial lymphatic vessel

Deep lymphatic vessel

Lymphatic trunk

Right lumbar lymphatic trunk

Left lumbar lymphatic trunk

Intestinal trunk

Right bronchomediastinal trunk

Left bronchomediastinal trunk

Right subclavian trunk

Left subclavian trunk

Right jugular trunk

Left jugular trunk

Lymphatic duct

Right lymphatic duct [Right thoracic duct]

가

Thoracic duct

Arch of thoracic duct

가

Cervical part

Thoracic part

가

Abdominal part

Cisterna chyli

가

REGIONAL LYMPH NODES

Lymph nodes of head and neck

Lymph nodes

Occipital lymph nodes

Mastoid lymph nodes

Superficial parotid lymph nodes

Deep parotid lymph nodes

Preauricular lymph nodes

Infra-auricular lymph nodes

Intraglandular lymph nodes

Facial lymph nodes

(Buccinator nodes) ()

(Nasolabial nodes) ()

(Malar nodes) ()

(Mandibular nodes) ()

Lingual lymph nodes

Submental lymph nodes

Submandibular lymph nodes

Anterior cervical lymph nodes

Superficial lymph nodes

Deep lymph nodes

Infrahyoid lymph nodes

Prelaryngeal lymph nodes

Thyroid lymph nodes

Pretracheal lymph nodes

Paratracheal lymph nodes

Retropharyngeal lymph nodes

Lateral cervical lymph nodes

가

Superficial lymph nodes

Superior deep lymph nodes

Jugulodigastric lymph node

Lateral lymph nodes

가

Anterior lymph nodes

Inferior deep lymph nodes

Jugulo-omohyoid lymph node

Lateral lymph nodes

가

Anterior lymph nodes

Supraclavicular lymph nodes

Accessory lymph nodes

Retropharyngeal lymph nodes

Lymph nodes of upper limb

Axillary lymphatic plexus

Axillary lymph nodes

Apical lymph nodes	
Subscapular lymph nodes	
Pectoral lymph nodes	가
Central lymph nodes	
Interpectoral lymph nodes	가
Deltopectoral [infraclavicular] lymph nodes	가 [] ()
Lymph nodes	
Brachial lymph nodes	
Cubital lymph nodes	
Supratrochlear lymph nodes	
Superficial lymph nodes	
Deep lymph nodes	
Lymph nodes of thorax	가
Lymph nodes	
Para-mammary lymph nodes	
Parasternal lymph nodes	
Intercostal lymph nodes	
Prevertebral lymph nodes	
Superior phrenic lymph nodes	가
Prepericardial lymph nodes	
Lateral pericardial lymph nodes	가

Anterior mediastinal lymph nodes

(Node of ligamentum arteriosum)

()

Posterior mediastinal lymph nodes

Pulmonary juxtaesophageal lymph nodes

Tracheobronchial lymph nodes

Superior lymph nodes

Inferior lymph nodes

Paratracheal lymph nodes

(Node of arch of azygous vein)

()

Lymph nodes of Abdomen

Parietal lymph nodes

Left lumbar lymph nodes

가

Lateral aortic lymph nodes

Pre-aortic lymph nodes

Postaortic lymph nodes

Intermediate lumbar lymph nodes

Right lumbar lymph nodes

Lateral caval lymph nodes

가

Precaval lymph nodes

Postcaval lymph nodes

Inferior phrenic lymph nodes

가

Inferior epigastric lymph nodes

Visceral lymph nodes

Celiac lymph nodes

Right gastric lymph nodes

Left gastric lymph nodes

(Lymphatic ring of cardiac portion) ()

Right gastro-omental lymph nodes

Left gastro-omental lymph nodes

Pyloric lymph nodes

(Suprapyloric node) ()

(Subpyloric nodes) ()

(Retropyloric nodes) ()

Pancreatic lymph nodes

Superior lymph nodes

Inferior lymph nodes

Splenic lymph nodes

Pancreaticoduodenal lymph nodes

Superior lymph nodes

Inferior lymph nodes

Hepatic lymph nodes

Cystic node

Node of epiploic foramen
Mesenteric lymph nodes
Juxta-intestinal lymph nodes
Superior mesenteric lymph nodes
Ileocolic lymph nodes
Prececal lymph nodes
Retrocecal lymph nodes
Appendicular lymph nodes
Mesocolic lymph nodes
Paracolic lymph nodes
Right colic lymph nodes
Middle colic lymph nodes
Left colic lymph nodes
Inferior mesenteric lymph nodes
Sigmoid lymph nodes
Superior rectal lymph nodes
Lymph nodes of pelvis
Parietal lymph nodes
Common iliac lymph nodes
Medial lymph nodes
Intermediate lymph nodes

S

Lateral lymph nodes	가
Subaortic lymph nodes	
Promontory lymph nodes	
External iliac lymph nodes	
Medial lymph nodes	
Intermediate lymph nodes	
Lateral lymph nodes	가
(Medial lacunar node)	()
(Intermediate lacunar node)	()
(Lateral lacunar node)	(가))
Interiliac lymph nodes	
Obturator lymph nodes	
Internal iliac lymph nodes	
Gluteal lymph nodes	
Superior lymph nodes	
Inferior lymph nodes	
Sacral lymph nodes	
Visceral lymph nodes	
Paravesicular lymph nodes	
Prevesicular lymph nodes	
Postvesicular lymph nodes	

Lateral vesicular lymph nodes	가
Para-uterine lymph nodes	
Paravaginal lymph nodes	
Pararectal[Anorectal] lymph nodes	
Lymph nodes of lower limb	
Inguinal lymph nodes	
Superficial lymph nodes	
Superomedial lymph nodes	
Superolateral lymph nodes	가
Inferior lymph nodes	
Deep lymph nodes	
Popliteal lymph nodes	
Superficial lymph nodes	
Deep lymph nodes	
(Anterior tibial node)	()
(Posterior tibial node)	()
(Fibular node)	()
Spleen	
(Accessory spleen)	()
Diaphragmatic surface	가
Visceral surface	

Renal surface

Gastric surface

Colic surface

Anterior extremity

Posterior extremity

Inferior margin

Superior margin

Hilum of spleen

Serous coat

Fibrous coat

Trabecula of spleen

Splenic pulp

Splenic sinus

Splenic branches

가

Penicillar arteries

Lymphatic nodules of spleen

[]

[Lateral orbitofrontal branch]

[가] []

가

Prepancreatic artery

Brachial lymph nodes

NERVOUS SYSTEM

Neurons

[]

Nerve fibers

Nerve endings

Synapses

Neuroglia

Neurogenesis

CENTRAL NERVOUS SYSTEM

Gray matter (Nuclei and Columns) ()

White matter (Tracts and Fascicles) ()

Reticular formation

Substantia gelatinosa

Ependyma

MENINGES

Cranial dura mater

Falx cerebri

Tentorium cerebelli

Tentorial notch

Falx cerebelli

Diaphragma sellae 가

Trigeminal cave

Subdural space

Spinal dura mater

External filum terminale [Dural filum terminale]	[]
Epidural space	
Cranial arachnoid mater	
Subarachnoid space	
Cerebrospinal fluid	
Subarachnoid cisterns	
Cisterna cerebellomedullaris [Cisterna magna]	[]
Cisterna fossae lateralis cerebri	가
Cisterna chiasmatica	
Cisterna interpeduncularis	
Cisterna ambiens	
Cisterna pericallosa	
Cisterna pontocerebellaris	
Arachnoid granulations	
SPINAL ARACHNOID MATER	
Subarachnoid space	
Cerebrospinal fluid	
Cranial pia mater	
Tela choroidea of fourth ventricle	4
Choroid plexus of fourth ventricle	4
Tela choroidea of third ventricle	3

Choroid plexus of third ventricle	3
Choroid plexus of lateral ventricle	가
Glomus choroideum	
Spinal pia mater	
Denticulate ligaments	
Intermediate cervical septum	
Internal filum terminale [Pial filum terminale]	[]
SPINAL CORD	[]
General terms	
Cervical enlargement	
Lumbosacral enlargement	
Conus medullaris	
Film terminale	
Terminal ventricle	
Anterior median fissure	
Posterior median sulcus	
Posterior median septum	
Anterolateral sulcus	가
Posterolateral sulcus	가
Posterior intermediate sulcus	
Funiculi of spinal cord	

Anterior funiculus

Lateral funiculus

가

Posterior funiculus

Spinal segments

Cervical segments (1- 8)

(1- 8)

Thoracic segments (1- 12)

가 (1- 12)

Lumbar segments (1- 5)

(1- 5)

Sacral segments (1- 5)

(1- 5)

Coccygeal segments (1- 3)

(1- 3)

Sections of spinal cord

Central canal

Gray matter

White matter

Central gelatinous substance

Gray columns

Anterior column

Anterior horn

Anterolateral nucleus

가

Anteromedial nucleus

Posterolateral nucleus

가

Retroposterolateral nucleus

가

Posteromedial nucleus

Central nucleus

Accessory nucleus

Phrenic nucleus

가

Posterior column

Posterior horn

Apex of posterior horn

Head of posterior horn

Neck of posterior horn

Base of posterior horn

Gelatinous substance

Secondary visceral nucleus

2

Lateral column

가

Lateral horn

가

Central intermediate substance

Toracic column [Nucleus dorsalis]

가 [가]

Lateral intermediate substance

가

Intermediolateral nucleus

가

Sacral parasympathetic nuclei

Reticular formation

Anterior gray commissure

Posterior gray commissure

White substance

Anterior funiculus

Anterior proper fascicles

Sulcomarginal fascicles

Anterior corticospinal tract [Anterior pyramidal tract]

[]

()

Vestibulospinal tract

Reticulospinal tract

Anterior spinothalamic tract

Lateral funiculus

가

Lateral proper fasciculus

가

Lateral corticospinal tract [Lateral pyramidal tract]

가

[가]]

()

Rubrospinal tract

Medullary reticulospinal tract

Pontine reticulospinal tract

Tectospinal tract

Olivospinal tract

Spinotectal tract

Spinothalamic tract

Anterior spinocerebellar tract

Posterior spinocerebellar tract

Posterolateral tract	[]
Spino-olivary tract	[]
Spinoreticular tract	[]
Posterior funiculus	[]
Posterior proper fascicles	[]
Septomarginal fascicles	[]
Interfascicular fascicles	[]
Glacile fascicle	[]
Cuneate fascicle	[]
Anterior white commissure	[]
Posterior white commissure	[]
BRAIN	[]
Neural tube	[]
Cranial part	[]
Rhombencephalon	[]
Myelencephalon	[]
Metencephalon	[]
Mesencephalon	[]
Forebrain	[]
Diencephalon	[]
T elencephalon	[]

Spinal part

Brain stem

Myelencephalon []

Metencephalon []

Mesencephalon []

MEDULLA OBLONGATA []

General terms

Anterior median fissure

Pyramid

Pyramidal decussation

Anterolateral sulcus ｶ

Lateral funiculus ｶ

Olive

Anterior external arcuate fibers

Retro-olivary sulcus

Retro-olivary area

Posterolateral sulcus ｶ

Inferior cerebellar peduncle

Trigeminal tubercle

Cuneate fascicle

Cuneate tubercle

Gracile fascicle
Gracile tubercle
Posterior median sulcus
Sections of medulla oblongata
Pyramidal fascicle
Corticospinal fibers
Corticounuclear fibers
Pyramidal decussation
Gracile fascicle
Gracile nucleus
Cuneate fascicle
Cuneate nucleus
Accessory cuneate nucleus
Internal arcuate fibers
Decussation of medial lemniscus
Medial lemniscus
Tectospinal tract
Medial longitudinal fasciculus
Posterior longitudinal fasciculus
Spinal tract of trigeminal nerve
Spinal nucleus of trigeminal nerve

Reticular formation
Inferior olfactory nucleus
Olivary sheath
Hilum of inferior olfactory nucleus
Medial accessory olfactory nucleus
Posterior accessory olfactory nucleus
Olivospinal tract
Spino-olivary tract
Olivocerebellar tract
Inferior cerebellar peduncle
Hypoglossal nucleus
Posterior paramedian nucleus
Dorsal motor nucleus of vagus nerve
Nucleus intercalatus
Solitary tract
Solitary nucleus
Parasolitary nucleus
Vestibular nuclei
Inferior vestibular nucleus
Medial vestibular nucleus
Lateral vestibular nucleus

γ†

Cochlear nuclei
Anterior cochlear nucleus
Posterior cochlear nucleus
Commissural nucleus
Nucleus ambiguus
Inferior salivatory nucleus
Arcuate nucleus
Anterior external arcuate fibers
Posterior external arcuate fibers
Medullary raphe
Raphe nuclei
PONS
Bulbopontine sulcus
Basilar groove
Middle cerebellar peduncle
Pontocerebellar trigone
Sections of pons
Anterior part of pons [Basilar part of pons] []
Longitudinal pontine fibers
Corticospinal fibers
Corticounuclear fibers

Corticoreticular fibers

Corticopontine fibers

Transverse pontine fibers

가

Pontocerebellar fibers

Pontine nuclei

Posterior part of pons [Tegmentum of pons]

[]

Pontine raphe

Medial longitudinal fascicle

Posterior longitudinal fascicle

Medial lemniscus

Tectospinal tract

Reticular formation

Spinal lemniscus

Spinal tract of trigeminal nerve

Spinal nucleus of trigeminal nerve

Pontine nucleus of trigeminal nerve

Trigeminal lemniscus [Trigeminothalamic tract]

3[]

Trigeminal mesencephalic tract

Trigeminal mesencephalic nucleus

Trigemianl motor nucleus

Abducens nucleus

Facial nucleus

Internal genu of facial nerve

Superior salivatory nucleus

Lacrimal nucleus

Superior olivary nucleus

Olivocochlear tract

Vestibular nuclei

Medial vestibular nucleus

가

Lateral vestibular nucleus

Superior vestibular nucleus

Cochlear nuclei

Trapezoid body

Anterior trapezoid nucleus

Posterior trapezoid nucleus

Lateral lemniscus

가

Nuclei of lateral lemniscus

가

Fourth ventricle

4

Rhomboid fossa

Lateral recess

가

Median sulcus

Medial eminence

Facial colliculus	
Sulcus limitans	
Vestibular area	
Superior fovea	
Locus caeruleus	
Inferior fovea	
Medullary striae	
Hypoglossal trigone	
Funiculus separans	
Vagal trigone	
Area postrema	
Roof of fourth ventricle	4
Superior medullary velum	
Frenulum of superior medullary velum	
Inferior medullary velum	
Tela choroidea	
Choroid plexus	
Tenia	
Obex	
Median aperture	
Lateral aperture	가

MIDBRAIN	[]
Cerebral peduncle	
Anterior part [Crus cerebri]	[]
Posterior part	
Lemniscal trigone	
Superior cerebellar peduncle	
Interpeduncular fossa	
Posterior perforated substance	
Oculomotor groove	
Sections of midbrain	
Basal part of cerebral peduncle	
Corticospinal fibers	
Corticonuclear fibers	
Corticopontine fibers	
Parietotemporopontine fibers	
Frontopontine fibers	
Substantia nigra	
Compact part	
Reticular part	
Tegmentum of midbrain	
Central gray (substance)	

Reticular formation
Corticoreticular fibers
Medial longitudinal fascicle
Posterior longitudianl fascicle
Trigeminal mesncephalic tract
Trigeminal mesencephalic nucleus
Oculomotor nucleus
Accessory oculomotor nucleus
Trochlear nucleus
Interpeduncular nucleus
Interstitial nucleus
Tegmental nuclei
Red nucleus
Large cell part
Small cell part
Central tegmental tract
Tegmental decussation
Decussion of superior cerebellar peduncle
Dentatorubral fibers
Rubrospinal tract
Tectobulbar tract

Tectospinal tract

가

Lateral lemniscus

Medial lemniscus

Spinal lemniscus

Trigeminal lemniscus

Nuclei of reticular formation of brain stem

Magnocellular reticular nuclei

Medullary intermediate reticular nucleus

Inferior pontine intermediate reticular nucleus

Superior pontine intermediate reticular nucleus

Gigantocellular intermediate reticular nucleus

Parvocellular reticular nuclei

Medullary lateral reticular nucleus

가

Pontine lateral reticular nucleus

가

Raphe (reticular) nuclei

Nucleus raphe magnus

Nucleus raphe obscurus

Nucleus raphe pallidus

Nucleus raphe pontis

Nucleus raphe posterior

Nucleus raphe centralis superior

Nucleus raphe linearis intermedius

Nucleus raphe linearis superior

Lateral reticular nucleus

γ†

Paramedian reticular nucleus

Pontine tegmental reticular nucleus

Pedunculopontine tegmental reticular nucleus

Periaqueductal gray substance

Cuneiform nucleus (of midbrain)

()

Subcuneiform nucleus (of midbrain)

()

Nucleus caeruleus

Nucleus subcaeruleus

Parabrachial nucleus

Mesencephalic aqueduct [Cerebral aqueduct]

Tectum of midbrain

Tectal lamina

Inferior colliculus

Nucleus of inferior colliculus

Brachium of inferior colliculus

Commissure of inferior colliculus

Superior colliculus

Layers of superior colliculus

Brachium of superior colliculus	
Commissure of superior colliculus	
Trochlear decussation	
CEREBELLUM	[]
Corpus cerebelli	
Archicerebellum	
Paleocerebellum	
Neocerebellum	
Cerebellar Vermis	
Cerebellar hemisphere	
Cerebellar folia	
Cerebellar fissures	
Vallecula	
Anterior cerebellar lobe	
Lingula	
Central lobule	
Culmen	
Ala of central lobule	
Quadrangular lobule	4
Primary fissure	1
Posterior cerebellar lobe	

Declive

Folium

Tuber

Pyramid

Secondary fissure

2

Uvula

Simple lobule

Superior semilunar lobule

Horizontal fissure

Inferior semilunar lobule

Gracile lobule [Paramedian lobule]

Biventer lobule

Tonsil of cerebellum

Posterolateral fissure

↗

Flocculonodular lobe

Nodule

Flocculus

Floccular peduncle

Paraflocculus

Sections of cerebellum

Arbor vitae

Corpus medullare

Lamina albae

Cerebellar cortex

Molecular layer [Plexiform layer]

Piriform neuron layer [Purkinje's layer]

Granular layer

Cerebellar nuclei

Dentate nucleus

Hilum of dentate nucleus

Emboliform nucleus

Globose nucleus

Fastigial nucleus

Cerebellar peduncles

Inferior cerebellar peduncle

Middle cerebellar peduncle

Superior cerebellar peduncle

DIENCEPHALON

[]

Epithalamus

Habenula

Habenular sulcus

Habenular trigone

Habenular commissure		
Posterior commissure	[]
Pineal body [Pineal gland]	[]
Sections of epithalamus		
Medial habenular nucleus		
Lateral habenular nucleus	γ	
Habenulointerpeduncular tract		
Habenular commissure		
Pretectal area		
Pretectal nuclei		
Posterior commissure	[]
Pineal body [Pineal gland]	[]
Subcommissural organ		
Thalamus		
Anterior tubercle of thalamus		
Interthalamic adhesion		
Medullary stria of thalamus		
Dorsal thalamus		
Pulvinar		
Ventral thalamus [Subthalamus]	[]
Metathalamus		

Medial geniculate body	
Lateral geniculate body	가
Hypothalamus	
Preoptic area	
Optic chiasm	
Optic tract	
Lateral root	가
Medial root	
Mammillary body	
Tuber cinereum	
Infundibulum	
Neurohypophysis	
Third ventricle	3
Hypothalamic sulcus	
Interventricular foramen	
Optic recess	
Infundibular recess	
Pineal recess	
Suprapineal recess	
Tela choroidea	
Tenia thalami	

Choroid plexus

Subfornical organ

Sections of thalamus and metathalamus

Reticular nuclei

Anterior nuclei

Anterodorsal nucleus [Anterosuperior nucleus]

[]

Anteroventral nucleus [Anteroinferior nucleus]

[]

Anteromedial nucleus

Median nuclei

Anterior paraventricular nucleus

Posterior paraventricular nucleus

Rhomboid nucleus

Nucleus reunions

Paratenial nucleus

Medial nuclei

Medial dorsal nucleus

Internal medullary lamina

External medullary lamina

Intralaminar reticular nuclei

Centromedian nucleus

Paracentral nucleus

Parafascicular nucleus

가

Central lateral nucleus

Central medial nucleus

Ventral nuclei

Anterior ventral nucleus

Intermediate ventral nucleus

Posterior ventral nucleus

Posterolateral ventral nucleus

가

Posteromedial ventral nucleus

Dorsal nuclei [Lateral nuclei]

Anterior dorsal nucleus [Lateral dorsal nucleus]

Posterior dorsal nucleus

Pulvinar nuclei

Metathalamic nuclei

Lateral geniculate nucleus

가

Dorsal part

Ventral part

Medial geniculate nucleus

Dorsal part

Ventral part

Subthalamic nucleus

Zona incerta

"Nuclei of H, H1, H2 areas"

Tracts and fascicles of thalamus

Lateral lemniscus

γ

Medial lemniscus

Spinal lemniscus

Trigeminal lemniscus

Brachium of inferior colliculus

Auditory radiation

Brachium of superior colliculus

Optic radiation

Anterior thalamic radiations

Central thalamic radiations

Posterior thalamic radiations

Dentatothalamic tract

Thalamic fascicle

Subthalamic fascicle

Mammillothalamic fascicle

Inferior thalamic peduncle

Ansa lenticularis

Lenticular fascicle

Ansa peduncularis

Peduncular fascicle

Intrathalamic fibers

Periventricular fibers

Sections of hypothalamus

Dorsal hypothalamic region

Entopeduncular nucleus

Nucleus of ansa lenticularis

Anterior hypothalamic region

Medial preoptic nucleus

Lateral preoptic nucleus

가

Supraoptic nuclei

Paraventricular nuclei

Anterior hypothalamic nucleus

Intermediate hypothalamic region

Tuberal nuclei

Lateral hypothalamic region

가

Ventromedial hypothalamic nucleus

Dorsomedial hypothalamic nucleus

Dorsal hypothalamic nucleus

Posterior perivenricular nucleus

Infundibular nucleus [Arcuate nucleus]

Posterior hypothalamic region

Medial mammillary nucleus

Lateral mammillary nucleus

γ

Posterior hypothalamic nucleus

Neurohypophysis

Tracts and fascicles of hypothalamus

Periventricular fibers

Dorsal supraoptic commissure

Ventral supraoptic commissure

Dorsal longitudinal fascicle

Mamillotegmental fascicle

Mamillothalamic fascicle

Fornix

Fibers of stria terminalis

Medial forebrain bundle

Hypothalamohypophyseal tract

Supraoptic fibers

Paraventricular fibers

Supraopticohypophyseal tract

Paraventriculohypophyseal tract

CEREBRUM	[]
General terms	
Cerebral cortex	
Gyri	
Sulci	
Lobes	
Longitudinal fissure	
Transverse fissure	가
Lateral fossa	가
Superior margin [Superomedial margin]	
Inferior margin [Inferolateral margin]	
Medial margin [Inferomedial margin]	
Cerebral hemisphere	
Superolateral surface	가
Central sulcus	
Lateral sulcus	가
Anterior branch	가
Ascending branch	가
Posterior branch	가
Interlobar sulcus	
Frontal lobe	

Frontal pole

Precentral sulcus

Precentral gyrus

Superior frontal gyrus

Superior frontal sulcus

Middle frontal gyrus

Inferior frontal sulcus

Inferior frontal gyrus

Opercular part [Frontal operculum]

[]

Orbital part

Triangular part

Parietal lobe

Postcentral sulcus

Postcentral gyrus

Superior parietal lobule

Intraparietal sulcus

Inferior parietal lobule

Frontoparietal operculum

Supramarginal gyrus

Angular gyrus

Occipital lobe

Occipital pole

Transverse occipital sulcus

가

Lunate sulcus

Preoccipital incisure

Temporal lobe

Temporal pole

Transverse temporal sulci

가

Transverse temporal gyri

가

Superior temporal gyrus

Temporal operculum

Superior temporal sulcus

Middle temporal gyrus

Inferior temporal sulcus

Inferior temporal gyrus

Insular lobe [Insula]

[]

Insular gyri

Short (insular) gyri

()

Long (insular) gyrus

()

Limen insulae

Central sulcus of insula

Circular sulcus of insula

Medial and inferior surface

Callosal sulcus

Cingulate gyrus

Isthmus of cingulate gyrus

Cingulate sulcus

Subparietal sulcus

Middle frontal gyrus

Paracentral lobule

Precuneus

Parietooccipital sulcus

Cuneus

Calcarine sulcus

Dentate gyrus

Hippocampal sulcus

Hippocampal gyrus [Parahippocampal gyrus]

[]

Uncus

Lingual gyrus

Collateral sulcus

Rhinal sulcus

Medial occipitotemporal gyrus

Occipitotemporal sulcus

Lateral occipitotemporal gyrus	가
Gyrus rectus	
Olfactory sulcus	
Orbital gyri	
Orbital sulci	
Rhinencephalon	
Olfactory bulb	
Olfactory tract	
Olfactory trigone	
Medial olfactory striae	
Lateral olfactory striae	가
Medial olfactory gyrus	
Lateral olfactory gyrus	가
Anterior perforated substance	
Diagonal band	
Subcallosal area	
Paraterminal gyrus	
Corpus callosum	
Splenium of corpus callosum	
Trunk of corpus callosum	
Genus of corpus callosum	

Rostrum of corpus callosum
Radiation of corpus callosum
Forceps minor [Frontal forceps] []
Forceps major [Occipital forceps] []
Tapetum
Induseum griseum
Medial longitudinal stria
Lateral longitudinal stria γή
Fasciolar gyrus
Lamina terminalis
Anterior commissure
Fornix
Crus of fornix
Body of fornix
Tenia of fornix
Column of fornix
Commissure of fornix
Septum pellucidum
Lamina of septum pellucidum
Cavity of septum pellucidum
Precommissural septum

Lateral ventricle	가
Central part	
Interventricular foramen	
Frontal horn [Anterior horn]	[]
Occipital horn [Posterior horn]	[]
Temporal horn [Inferior horn]	[]
Stria terminalis	
Lamina affixa	
Choroid fissure	
Tenia choroidea	
Choroid plexus of lateral ventricle	가
Bulb of occipital horn	
Calcar avis	
Collateral eminence	
Collateral trigone	
Hippocampus	
Pes hippocampi	
Alveus hippocampi	
Fimbria hippocampi	
Sections of telencephalon	
Archicortex	

Paleocortex

Neocortex

Mesocortex

Cerebral cortex

Molecular layer [Plexiform layer]

External granular layer

External pyramidal layer

Internal granular layer

Internal pyramidal layer

Multiform layer

Tangential nerve fibers

Band of molecular layer

Band of external granular layer

Band of internal granular layer

Band of internal pyramidal layer

Arcuate fibers

Cingulum

Superior longitudinal fascicle

Inferior longitudinal fascicle

Uncinate fasciculus

Radiation of corpus callosum

Basal nuclei [Basal ganglia]

Corpus striatum

Caudate nucleus

Head of caudate nucleus

Body of caudate nucleus

Tail of caudate nucleus

Lenticular nucleus

Putamen

가

Lateral medullary lamina

가

Lateral (part of) globus pallidus

가

Medial medullary lamina

Medial (part of) globus pallidus

Clastrum

Amygdaloid body

Anterior amygdaloid area

Basolateral part

가

Corticomedial part [Olfactory part]

External capsule

Extreme capsule

Internal capsule

Anterior limb of internal capsule

Anterior thalamic radiations
Frontopontine tract
Genu of internal capsule
Corticounuclear tract
Posterior limb of internal capsule
Thalamolenticular part
Corticospinal fibers
Corticorubral fibers
Corticoreticular fibers
Corticothalamic fibers
Thalamoparietal fibers
Central thalamic radiations
Sublenticular part
Optic radiation
Auditory radiation
Corticotectal fibers
Temporopontine fibers
Retrolenticular portion
Posterior thalamic radiations
Parietooccipitopontine fascicle
Corona radiata

Anterior commissure

Anterior part

Posterior part

Association fibers

Commissural fibers

Projection fibers

PERIPHERAL NERVOUS SYSTEM

General terms

Nerve

Endoneurium

Perineurium

Epineurium

Afferent fibers

Efferent fibers

Somatic fibers

Autonomic fibers [Visceral fibers]

[]

Ganglion

Capsule of ganglion

Stroma of ganglion

Craniospinal ganglia [Sensory ganglia]

[]

Spinal ganglia

Sensory ganglia of cranial nerve [Cranial ganglia]

Autonomic ganglia

Preganglionic fibers

Postganglionic fibers

Sympathetic ganglion

White rami communicantes

가

Gray rami communicantes

가

Parasympathetic ganglion

Spinal nerves

Plexus of spinal nerves

Cranial nerves

Nuclei of cranial nerves

Nuclei of origins

Nuclei of terminations

Mixed nerve

Cutaneous branches

가

Articular branches

가

Muscular branches

가

Motor nerve

Sensory nerve

Communicating branch

가

Autonomic nerve

Autonomic branches

가

Autonomic plexus

Vascular plexus

Periarterial plexus

Nerves of blood vessel

Blood vessels of nerve

CRANIAL NERVES

Olfactory nerves (I)

Optic nerve (II)

OCULOMOTOR NERVE (III)

Superior branch [division]

가

Inferior branch [division]

가

Ciliary ganglion

Parasympathetic root [Oculomotor root]

[]

Sympathetic root

Sensory root [Nasociliary root]

[]

Short ciliary nerves

Trochlear nerve (IV)

Decussation of trochlear nerve

Trigeminal nerve (V)

Sensory root

Trigeminal ganglion

Motor root

Ophthalmic nerve

Tentorial brach [Meningeal branch]

가 [가]

Lacrimal nerve

Communicating branch (with zygomatic nerve)

가 ()

Frontal nerve

Supraorbital nerve

Lateral branch

가 가

Medial branch

가

Supratrochlear nerve

Nasociliary nerve

Communicating branch (with ciliary ganglion)

가 ()

Long ciliary nerve

Posterior ethmoidal nerve

Anterior ethmoidal nerve

Internal nasal branches

가

Lateral nasal branches

가 가

Medial nasal branches

가

External nasal branch

가

Infratrochlear nerve

Palpebral branches

가

Maxillary nerve

Meningeal branch (Middle meningeal branch)

() 가

()

Ganglionic branches

가

Pterygopalatine ganglion

Parasympathetic root

Sympathetic root

Sensory root

Orbital branches

가

Lateral superior posterior nasal branches

가 가

Medial superior posterior nasal branches

가

Nasopalatine nerve

Long nasopalatine nerve

Nasal septal branches

가 가

Short nasopalatine nerves

Lateral nasal branches

가 가

Maxillary sinus branches

가

Pharyngeal nerve

Greater palatine nerve

Inferior posterior nasal branches

가

Lesser palatine nerve	
Tonsillar branches	가
Superior alveolar nerves	
Posterior superior alveolar branches	가
Middle superior alveolar branch	가
Anterior superior alveolar branches	가
Superior dental plexus	
Superior dental branches	가
Superior gingival branches	가
Zygomatic nerve	
Zygomaticotemporal branch	가
Zygomaticofacial branch	가
Infraorbital nerve	
Inferior palpebral branches	가
External nasal branches	가
Internal nasal branches	가
Superior labial branches	가
Mandibular nerve	
Meningeal branch [Nervus spinosus]	가
Medial pterygoid nerve	
Otic ganglion	

Communicating branch (with medial pterygoid nerve)	가 () ()
Nerve to tensor veli palatini	
Nerve to tensor tympani	
Masseteric nerve	
Deep temporal nerves	
Lateral pterygoid nerve	가
Buccal nerve	
Auriculotemporal nerve	
Nerve to external acoustic meatus	
Branches to tympanic membrane	가
Parotid branches	가
Communicating branches (with facial nerve)	가 () ()
Anterior auricular nerves	
Superficial temporal nerves	
Lingual nerve	
Branches to fauces	가
Communicating branches (with hypoglossal nerve)	가 () ()
Communicating branches (with chorda tympani nerve)	가 () ()
Sublingual branch	가
Lingual branches	가
Ganglionic branches	가

Submandibular ganglion		
Inferior alveolar nerve		
Mylohyoid nerve		
Inferior dental plexus		
Inferior dental branches	가	
Inferior gingival branches	가	
Mental nerve		()
Mental branches	가	()
Labial branches	가	
Gingival branches	가	
Abducent nerve (VI)		
Facial nerve (VII)		
Genu (of facial nerve)	()	
Nerve to stapedius		
Posterior auricular nerve		
Occipital branch	가	
Auricular branch	가	
Digastric branch	가	
Stylohyoid branch	가	
Communicating branch (with glossopharyngeal nerve)	가 ()	()
Intraparotid plexus		

Temporal branches	가
Zygomatic branches	가
Buccal branches	가
Lingual branch	가
Mandibular marginal branch	가
Cervical branch	가
Nervus intermedius	
Geniculate ganglion	
Pterygopalatine ganglion	
Nerve of pterygoid canal [Facial root]	[]
Greater petrosal nerve	
Deep petrosal nerve	
Chorda tympani nerve	
Communicating branch (with tympanic plexus)	가 () ()
Communicating branch (with vagus nerve)	가 () ()
Submandibular ganglion	
Parasympathetic branch	가
Glandular branches	가
(Sublingual ganglion)	()
Vestibulocochlear nerve (VIII)	
Vestibular nerve	

Cochlear root

Vestibular nerve

Vestibular ganglion

Cochlear communicating branch

가

Superior part

Utriculoadipullar nerve

Utricular nerve

Anterior ampullar nerve

Lateral ampullar nerve

가

Inferior part

Posterior ampullar nerve

Saccular nerve

Cochlear nerve

Cochlear ganglion [Spiral ganglion]

[]

Glossopharyngeal nerve [IX]

Superior ganglion

Inferior ganglion

Tympanic nerve

Tympanic ganglion

Tympanic plexus

Tubal branch

가

Caroticotympanic nerves			
Communicating branch (with auricular branch of vagus nerve)	가	() 가 ()
)			
Pharyngeal branches	가		
Branch to stylopharyngeus	가		
Branch to carotid sinus	가		
Tonsillar branches	가		
Lingual branches	가		
Otic ganglion			
Lesser petrosal nerve			
Communicating branch (with meningeal branch)	가 (가)	()	()
Communicating branch (with auriculotemporal nerve)	가 ()	()	()
Communicating branch (with chorda tympani)	가 ()	()	()
Vagus nerve (X)			
Superior ganglion			
Inferior ganglion			
Meningeal branch	가		
Auricular branch	가		
Communicating branch (with glossopharyngeal nerve)	가 ()	()	()
Pharyngeal branch	가		
Pharyngeal plexus			

Superior cervical cardiac branches	가
Superior laryngeal nerve	
External branch	가
Internal branch	가
Communicating branch (with recurrent laryngeal nerve)	가 () ()
Inferior cervical cardiac branches	가
Recurrent laryngeal nerve	
Tracheal branches	가
Esophageal branches	가
Pharyngeal branches	가
Thoracic cardiac branches	가 가
Bronchial branches	가
Pulmonary plexus	
Esophageal plexus	
Anterior vagal trunk	
Posterior vagal trunk	
Anterior gastric branches	가
Posterior gastric branches	가
Hepatic branches	가
Celiac branches	가
Renal branches	가

Accessory nerve (XI)

Cranial roots [Vagal part] []

Spinal roots [Spinal part] []

Accessory nerve trunk

Internal branch 가

External branch 가

Muscular branches 가

Hypoglossal nerve (XII)

Lingual branches 가

SPINAL NERVES

General terms

Rootlets

Anterior root [Motor root]

Posterior root [Sensory root]

Spinal ganglion [Sensory ganglion]

Spinal nerve trunk

Anterior ramus 가

Communicating branches 가

Gray ramus 가

White ramus 가

posterior ramus 가

Meningeal branch	가
Cauda equina	
Cervical nerves	
Posterior rami	가
Medial branch	가
Lateral branch	가 가
Suboccipital nerve	
Greater occipital nerve	
Third occipital nerve	3
Anterior rami	가
Cervical plexus	
Ansa cervicalis	
Superior root	
Inferior root	
Muscular branch to thyrohyoideus	가
Lesser occipital nerve	
Great auricular nerve	
Posterior branch	가
Anterior branch	가
Transverse nerve of neck	가
Superior branches	가

Inferior branches	가
Supraclavicular nerves	가
Medial supraclavicular nerves	가
Intermediate supraclavicular nerves	가
Lateral supraclavicular nerves	가
Phrenic nerve	가
Pericardial branch	가
Phrenicoabdominal branches	가 가
Accessory phrenic nerves	가
Brachial plexus	
General terms	
Roots	
Trunks	
Superior trunk	
Middle trunk	
Inferior trunk	
Anterior divisions	
Posterior divisions	
Fascicles	
Supraclavicular part	
Dorsal scapular nerve	

Long thoracic nerve	가
Nerve to subclavius	
Suprascapular nerve	
Infraclavicular part	
Lateral cord	가
Medial cord	
Posterior cord	
Medial pectoral nerve	가
Lateral pectoral nerve	가 가
Musculocutaneous nerve	
Muscular branches	가
Lateral cutaneous nerve of forearm	가
Medial cutaneous nerve of arm	
Medial cutaneous nerve of forearm	
Anterior branch	가
Posterior branch	가
Median nerve	
Medial root	
Lateral root	가
Anterior interosseous nerve	
Muscular branches	가

Palmar branch of median nerve	가
Communicating branch (with ulnar nerve)	가 () ()
Common palmar digital nerves	가
Proper palmar digital nerves	가
Ulnar nerve	
Muscular branches	가
Dorsal branch of ulnar nerve	가
Dorsal digital nerves	가
Palmar branch of ulnar nerve	가
Superficial branch	가
Common palmar digital nerves	가
Proper palmar digital nerves	가
Deep branch	가
Radial nerve	
Posterior cutaneous nerve of arm	
Inferior lateral cutaneous nerve of arm	가
Posterior cutaneous nerve of forearm	
Muscular branches	가
Deep branch	가
Posterior interosseous nerve	
Superficial branch	가

Ulnar communicating branch	가	
Dorsal digital nerves	가	
Subscapular nerves		
Thoracodorsal nerve	가	
Axillary nerve		
Muscular branches	가	
Superior lateral cutaneous nerve of arm	가	
Thoracic nerves	가	
Posterior rami	가	
Lateral muscular branch	가 가	
Medial muscular branch	가	
Posterior cutaneous branch	가	
Posterior rami [Intercostal nerve]	가 []	()
Lateral cutaneous branch (of thorax)	가 (가) 가	()
Lateral cutaneous branch (of abdomen)	가 () 가	()
Lateral mammary branches	가 가	
Intercostobrachial nerve		
Anterior cutaneous branch (of thorax)	(가) 가	()
Anterior cutaneous branch (of abdomen)	() 가	()
Medial mammary branches	가	
Subcostal nerve		

Lumbar nerves	
Posterior rami	가
Medial branch	가
Lateral branch	가 가
Superior clunial branches	가
Anterior rami	가
Sacral nerves and coccygeal nerve	
Posterior rami	가
Medial branch	가
Lateral branch	가 가
Middle clunial branches	가
Anterior rami	가
Lumbosacral plexus	
Lumbar plexus	
Iliohypogastric nerve	
Lateral cutaneous branch	가 가
Anterior cutaneous branch	가
Ilioinguinal nerve	
Anterior scrotal nerves	
Anterior labial nerves	
Genitofemoral nerve	

Genital branch	가
Femoral branch	가
Lateral femoral cutaneous nerve	가
Obturator nerve	
Anterior branch	가
Cutaneous branch	가
Posterior branch	가
Muscular branches	가
Accessory obturator nerve	
Femoral nerve	
Muscular branches	가
Anterior cutaneous branches	가
Saphenous nerve	
Infrapatellar branch	가
Medial cutaneous branches of leg	가
Lumbosacral trunk	
Sacral plexus	
Nerve to obturator internus	
Nerve to piriformis	
Nerve to quadratus femoris	
Superior gluteal nerve	

Inferior gluteal nerve

Posterior femoral cutaneous nerve

Inferior gluteal branches

가

Perineal branches

가

Perforating cutaneous nerve

Pudendal nerve

Inferior rectal nerves

Perineal nerves

Posterior scrotal nerves

Posterior labial nerves

Muscular branches

가

Dorsal nerve of penis

Dorsal nerve of clitoris

Coccygeal nerve

Coccygeal plexus

Anococcygeal nerve

Sciatic nerve

Common peroneal nerve

Lateral sural cutaneous nerve

가

Sural communicating branch

가

Superficial peroneal nerve

Muscular branches	가
Medial dorsal cutaneous nerve	
Intermediate dorsal cutaneous nerve	
Dorsal digital nerves of foot	가
Deep peroneal nerve	
Muscular branches	가
Lateral dorsal nerve of great toe	가
Medial dorsal nerve of the second toe	가
Tibial nerve	2
Muscular branches	가
Interosseous nerve of leg	
Medial sural cutaneous nerve	
Sural nerve	
Lateral dorsal cutaneous nerve	가
Lateral calcaneal branches	가
Medial calcaneal branches	가
Medial plantar nerve	
Common plantar digital nerves	가
Proper plantar digital nerves	가
Lateral plantar nerve	가
Superficial branch	가

Common plantar digital nerves	가
Proper plantar digital nerves	가
Deep branch	가
AUTONOMIC NERVOUS SYSTEM	
Autonomic plexus	
Ganglia of autonomic plexuses	
Thoracic part	가
Thoracic aortic plexus	가
Cardiac plexus	
Cardiac ganglia	
Esophageal plexus	
Pulmonary plexus	
Pulmonary branches	가
Abdominal part	
Abdominal aortic plexus	
Celiac plexus	
Celiac ganglia	
Aortic renal ganglia	
Superior mesenteric plexus	
Superior mesenteric ganglion	
Intermesenteric plexus	

Inferior mesenteric plexus

Inferior mesenteric ganglion

γ†

Hepatic plexus

Splenic plexus

Gastric plexus

Pancreatic plexus

Suprarenal plexus

Renal plexus

Renal ganglia

Ureteric plexus

Testicular plexus

Ovarian plexus

Superior rectal plexus

Enteric plexus

Subserosal plexus

Myenteric plexus

Submucosal plexus

Iliac plexus

Femoral plexus

Pelvic part

Superior hypogastric plexus [Presacral nerve] []

Right hypogastric nerve

Left hypogastric nerve

Inferior hypogastric plexus [Pelvic plexus] []

Pelvic splanchnic nerves [Nervi erigentes] []

Pelvic ganglia

Middle rectal plexus

Inferior rectal plexus

Prostatic plexus

Deferential plexus

Uterovaginal plexus

Vaginal nerves

Vesical plexus

Cavernous nerves of penis

Cavernous nerves of clitoris

SYMPATHETIC PART

Sympathetic trunk

Ganglia of sympathetic trunk

Interganglionic branches ｶ

Rami communicantes ｶ

Gray ramus ｶ

White ramus

가

Intermediate ganglia

Superior cervical ganglion

Jugular nerve

Internal carotid nerve

Internal carotid plexus

External carotid nerves

External carotid plexus

Common carotid plexus

Laryngopharyngeal branches

가

Superior cervical cardiac nerve

Middle cervical ganglion

Vertebral ganglion

Middle cervical cardiac nerve

Cervicothoracic ganglion

가

[]

Ansa subclavia

Inferior cervical cardiac nerve

Subclavian plexus

Vertebral nerve

Vertebral plexus

Thoracic ganglia

가

Thoracic cardiac branches	가	가
Thoracic pulmonary branches	가	가
Esophageal branches		가
Greater splanchnic nerve		
Splanchnic thoracic ganglion		가
Lesser splanchnic nerve		
Renal branch		가
Lowest splanchnic nerve		
Lumbar ganglia		
Lumbar splanchnic nerves		
Sacral ganglia		
Sacral splanchnic nerves		
Ganglion impar		
PARASYMPATHETIC PART		
Cranial part		
Terminal nerve		
Terminal ganglion		
Ciliary ganglion		
Pterygopalatine ganglion		
Otic ganglion		
Submandibular ganglion		

Sublingual ganglion

Pelvic part

Pelvic ganglia

Pelvic splanchnic nerves [Nervi erigentes]

[]

()

SENSORY ORGANS

VISUAL ORGAN

EYE

Optic nerve

Intracranial part

Intrakanalicular part

Orbital part

Intraocular part

Postlaminar part

Intralaminar part

Prelaminar part

External sheath

Internal sheath

Intervaginal spaces

Eyeball

[]

Anterior pole

Posterior pole

Equator

Meridians

External axis of bulb

Internal axis of bulb

Optic axis

Fibrous tunics of eyeball

Sclera

[]

Scleral sulcus

Trabecular reticulum [Ligamentum pectinatum]

[]

Corneoscleral part

Uveal part

Scleral venous sinus

Lamina episcleralis

Proper substance of sclera

Lamina fusca sclerae

Lamina cribrosa sclerae

Cornea

[]

Conjunctival ring

Limbus of cornea

가

Corneal vertex

Anterior surface

Posterior surface

Anterior epithelium

Anterior limiting membrane

Proper substance of cornea

Posterior limiting membrane

Posterior epithelium

Vascular tunics of eyeball [Uveal tract]

[]

Choroid

[]

Suprachoroidal layer

Perichoroidal space

Vascular layer

Choroidal capillary layer

Basal complex [Basal lamina]

Ciliary body

Ciliary crown

Ciliary processes

Ciliary folds

Orbiculus ciliaris

Ciliary muscle

Meridional fibers [Longitudinal fibers]

Radial fibers

Circular fibers	
Basal lamina	
Iris	[]
Pupillary margin	가
Ciliary margin	가
Anterior surface	
Posterior surface	
Greater circle of iris	
Lesser circle of iris	
Iridial folds	
Pupil	
Sphincter pupillae muscle	
Dilator pupillae	
Stroma of iris	
Pigmented epithelium	
Spaces of iridocorneal angle	
Greater arterial circle of iris	
Lesser arterial circle of iris	
(Pupillary membrane)	()
Internal tunics of eyeball	
Retina	[]

Optic part of retina

Pigmented layer

Neural layer

Ora serrata

Ciliary part of retina

Iridial part of retina

Optic nerve disk [Optic papilla]

Depression of disk

Macula

Central fovea

Foveola

Blood vessels of retina

Vascular ring of optic nerve

Superior temporal arteriole of retina

가

Superior temporal venule of retina

가

Inferior temporal arteriole of retina

가

Inferior temporal venule of retina

가

Superior nasal arteriole of retina

Superior nasal venule of retina

Inferior nasal arteriole of retina

Inferior nasal venule of retina

Superior macular arteriole

Superior macular venule

Inferior macular arteriole

Inferior macular venule

Medial arteriole of retina

Medial venule of retina

Lens

Lens substance

Cortex of lens

Nucleus of lens

Fibers of lens

Epithelium of lens

Capsule of lens

Anterior pole

Posterior pole

Anterior surface

Posterior surface

Axis of lens

Equator of lens

Radii lentis

Ciliary zonule

Zonular fiber

Zonular spaces

Eye chambers

Anterior chamber

Iridocorneal angle

Aqueous humor

Posterior chamber

Aqueous humor

Vitreous chamber

Vitreous body

()

Hyaloid artery

Hyaloid canal

Hyaloid fossa

Vitreous membrane

Stroma of vitreous body

Vitreous humor

Accessory organs of eye

Ocular muscles

Orbital muscle

Superior rectus muscle

Inferior rectus muscle

Medial rectus muscle

Lateral rectus muscle

가

Lacertus musculi recti lateralis

가

Common tendinous ring

Superior oblique muscle

Trochlea

Tendon sheath of superior oblique muscle

Inferior oblique muscle

Levator palpebrae muscle

Superficial lamina

Deep lamina

Orbital fasciae

Periorbita

Orbital septum

Muscular fasciae

Bulbar fascia

Episcleral space

Adipose body of orbit

Eyebrow

Eyelids

Upper eyelid

Lower eyelid

Anterior surface of eyelid

(Palpebronasal fold)

()

Posterior surface of eyelids

Palpebral fissure

Lateral palpebral commissure

가

Medial palpebral commissure

Lateral angle of eye

가

Medial angle of eye

Anterior edges of eyelids

가

Posterior edges of eyelids

가

Eyelashes

Superior tarsus

Inferior tarsus

Medial palpebral ligament

Lateral palpebral raphe

가

Lateral palpebral ligament

가

Tarsal glands

Ciliary glands

Sebaceous glands

Superior tarsal muscle

Inferior tarsal muscle

Conjunctiva

[]

Semilunar fold of conjunctiva

Caruncula lacrimalis

Bulbar conjunctiva

Palpebral conjunctiva

Superior fornix

Inferior fornix

Conjunctival sac

Conjunctival glands

Lacrimal apparatus

Lacrimal glands

Orbital part

Palpebral part

Excretory ductules

(Accessory lacrimal glands)

()

Rivus lacrimalis

Lacus lacrimalis

Lacrimal papilla

Lacrimal punctum

Lacrimal canaliculus

Ampulla of lacrimal canaliculus

Lacrimal sac

Fornix of lacrimal sac

Nasolacrimal duct

Plica lacrimalis

VESTIBULOCOCHLEAR ORGAN

[]

Internal ear

[]

Membraneous labyrinth

Vestibular labyrinth

Endolymphatic duct

Endolymphatic sac

Utriculoseptal duct

Utricle

Semicircular ducts

Anterior semicircular duct

Posterior semicircular duct

Lateral semicircular duct

가

Proper membrane of semicircular duct

Basal membrane of semicircular duct

Membraneous ampulla

Anterior membraneous ampulla

Posterior membranous ampulla

Lateral membranous ampulla

↗

Ampullary sulcus

Ampullary crest

Cupola of ampullary crest

Membraneous crura

Simple membraneous crus

Ampullary membraneous crura

Common membranous crus

Ductus reuniens

Saccule

Maculae

Macula of utricle

Macula of saccule

Statoconia [Otoconia]

Statoconial membrane

Endolymph

Perilymph

Labyrinth of cochlea

Perilymphatic space

Scala vestibuli

Scala tympani

Aqueduct of vestibule

Aqueduct of cochlea

Cochlear duct

Cupular cecum

Vestibular cecum

Tympanic wall of cochlear duct [Spiral membrane]

[]

Spiral organ

Basilar membrane

Spiral crest [Spiral ligament]

[]

Foramina nervosa

Limbus laminae spiralis

가

Vestibular lip

가

Tympanic lip

가

Tectorial membrane

Dentes acustici

Sulcus spiralis internus

Sulcus spiralis externus

Membrana reticularis

Spiral vessels

Vestibular wall of cochlear duct [Vestibular membrane]

[]

External wall of cochlear duct

Basal crest

Spiral prominens

Vas prominens

Stria vascularis

Spiral ganglion

Vessels of internal ear

Labyrinthine artery

Vestibular branches

가

Cochlear branch

가

Glomeruli of cochlear arteries

Labyrinthine veins

Spiral modiolar vein

Vestibular vein

Vein of vestibular aqueduct

Vein of cochlear aqueduct

Osseous labyrinth

Vestibule

Spherical recess

Elliptical recess

Crest of vestibule

Pyramid of vestibule

Cochlear recess of vestibule

Macula cribrosa

Macula cribrosa superior

Macula cribrosa media

Macula cribrosa inferior

Osseous semicircular canal

Anterior semicircular canal

Posterior semicircular canal

Lateral semicircular canal

가

Osseous ampullae

Anterior osseous ampulla

Posterior osseous ampulla

Lateral osseous ampulla

가

Osseous crura

Common osseous crus

Simple osseous crus

Ampullary osseous crura

Cochlea

Apex of cochlea

Base of cochlea

Spiral canal

Modiolus

Base of modiolus

Modiolar plate

Spiral canal of modiolus

Longitudinal canals of modiolus

Osseous spiral lamina

Hamulus laminae spiralis

Helicotrema

Secondary spiral lamina

2

Internal acoustic meatus

[]

Internal acoustic pore

Fundus of internal acoustic meatus

Transverse crest

가

Area of facial nerve

Cochlear area

Foraminous spiral tract

Superior vestibular area

Inferior vestibular area

Foramen singulare

Middle ear

가 []

Tympanic cavity

Tegmental wall

Epitympanic recess

Cupolar part

Jugular wall

Styloid prominence

Labyrinthine wall

Fenestra vestibuli [Oval window]

[]

Fossula of oval window

Promontory

Promontory sulcus

Subiculum of promontory

Tympanic sinus

Fenestra cochleae [Round window]

[]

Fossula of round window

Crest of round window

Cochleariform process

가

Seconday tympanic membrane

2

Mastoid wall

Mastoid antrum

Auditus to antrum

Prominence of lateral semicircular canal

기

Prominence of facial canal

Pyramidal eminence

Incudal fossa

Posterior sinus

Tympanic aperture of chorda tympani canal

Mastoid air cells

Tympanic air cells

Carotid wall

Membranous wall

Tympanic membrane

[]

Flaccid part

Tense part

Anterior mallear fold

Posterior mallear fold

Mallear prominence

Mallear stria

Umbo of tympanic membrane

Fibrocartilaginous ring

Auditory ossicles

Stapes

Head of stapes

Anterior crus

Posterior crus

Base of stapes

Incus

Body of incus

Long crus

Lenticular process

Short crus

Malleus

Handle of malleus

Head of malleus

Neck of malleus

Lateral process

↗

Anterior process

Articulations of auditory ossicles

Incudomalleal articulation

Incudostapedial articulation

Tympanostapedial syndesmosis

Ligaments of auditory ossicles

Anterior mallear ligament

Superior mallear ligament

Lateral mallear ligament

↗

Superior incudal ligament

Posterior incudal ligament

Stapedial membrane

Anular ligament of stapes

Muscles of auditory ossicles

Tensor tympani muscle

Stapedius muscle

Mucous membrane of tympanic cavity

Posterior mallear fold

Anterior mallear fold

Fold of chorda tympani

Recesses of tympanic membrane

Anterior recess

Superior recess

Posterior recess

Incudal fold

Stapedial fold

Auditory tube

[]

Tympanic orifice of auditory tube

Osseous part

Isthmus of auditory tube

Air cells of auditory tube

Cartilaginous part

Cartilage of auditory tube

Medial lamina

가

Lateral lamina

Membranous lamina

Mucous membrane

Glands of auditory tube

Pharyngeal orifice of auditory tube

External ear

[]

External acoustic meatus

[]

Orifice of external acoustic meatus

Tympanic sulcus

Cartilaginous external acoustic meatus

Cartilage of acoustic meatus

Incisura cartilaginea of acoustic meatus

Lamina tragi

Auricle

Lobule of auricle

Cartilage of auricle

Helix

Crus helicis

Spina helicis

Cauda helicis

Antihelix

Fossa triangularis

Crura antihelicis

Scapha

Auricular concha

가

Cymba conchae

가

Cavum conchae

가

Antitragus

Tragus

Incisura anterior (auris)

()

Incisura intertragica

(Auricular tubercle of Darwin)

()

(Tip of auricle)

()

Posterior auricular groove

(Supratragic tubercle)

Isthmus of auricular cartilage

Incisura terminalis auricularis

Fissura antitragohelicina

Sulcus cruris helicis

Fossa antihellicis

Eminentia conchae

가

Eminentia scaphae

Eminentia fossae triangularis

Auricular ligaments

Anterior auricular ligament

Superior auricular ligament

Posterior auricular ligament

Auricular muscles

Helicis major muscle

Helicis minor muscle

Tragicus muscle

Auricular pyramidal muscle

Antitragus muscle

Transversus auricularis muscle

가

Obliquus auricularis muscle

Incisura helicis muscle

()

OLFACtORY ORGAN

Olfactory mucosa

Olfactory glands

ORGAN OF TASTE

Taste bud

Taste pore

INTEGUMENT

Skin

Cutaneous sulci

Cutaneous ridges

Skin retinacula

Tactile elevations

(Coccygeal dimple) ()

Caudal retinaculum

Epidermis

Dermis

Papillae

Subcutaneous tissue

Adipose layer

Nerve endings

Hairs

Lanugo

Hairs of head

Eyebrows

Eyelashes

Beard

Hairs of external acoustic meatus

Vibrissae

Axillar hairs

Pubic hairs

[ㄱ]

Hair follicle

Arrector pili muscles

Hair stream

[ｶ]

Hair vortices

Hair cruces

Nail

Nail matrix

Nail wall

Nail body

Nail root

Lunula

Occult margin

ｶ

Lateral margin

Free margin

Perionyx

Eponychium

Hyponychium

Breast

[]

Nipple

Body of breast

Mammary gland

Axillary process

Lobes of mammary gland

Lobules of mammary gland

Lactiferous duct

Lactiferous sinus

Areola of breast

Areolar glands

(Accessory breasts)

()

Suspensory ligaments of breast

Male breast

Nail

Nail matrix

Nail wall

Nail body

Nail root

Lunula

CYTOTOLOGY

CELL

General term

Ameboid cell

Cuboidal cell

Dendriform cell

가

Fusiform cell

Ovoid cell

Polyhedral cell

Pyramidal cell

Spherical cell

Squamous cell

Stellate cell

Colliculiform cell

Cellular invagination

Superficial vesicle [Caveola]

Cellular process

Ameboid process

Digitiform process

가

Filiform process

Lamellar process

Polypoid process

Microvillus

Cilium

Extracellular part

Intracellular part

Axoneme

Central microtubule

Peripheral doublet

Basal corpuscle

Rootlet of basal corpuscle

Basal foot

Microtubular triplet

Satellite

Flagellum

Pole of cell

Axis of cell

Base of cell

Apex of cell

Protoplasm

Nucleus

Anular nucleus

Bacilliform nucleus

Fusiform nucleus

Moniliform nucleus

Ovoid nucleus

Piriform nucleus

Flat nucleus

Polymorphous nucleus

Reniform nucleus

Segmental nucleus

Spherical nucleus

Vesicular nucleus

Nuclear membrane

External nuclear membrane

Internal nuclear membrane

Perinuclear cistern

Pore complex

Nuclear pore

Anulus of nuclear pore

Diaphragm of nuclear pore

가

Nucleoplasm

Chromatin

Euchromatin

Heterochromatin

Chromatin granule

Sex chromatin [Barr body]

Filamentous nucleoplasm

Punctate nucleoplasm

Nucleolus

Principal nucleolus

Nucleolonema

Pars fibrosa

Pars granulosa

Accessory nucleolus

Composite nucleolus

Nuclear body

Pyknotic nucleus

Cytoplasm

Cell membrane

Intermediate layer

Internal layer

Protoplasmic face [P face]

[P]

External face [E face]

[E]

Cytoplasmic surface

Extraplasmic surface

Plasma membrane

Glycocalyx

Exoplasm

Endoplasm

Intercellular junctions

Simple intercellular junction

Denticulate intercellular junction

Digitiform intercellular junction

↗

Compound intercellular junction

Macula adherens [Desmosome]

Hemidesmosome

Zonula occludens

Zonula adherens

Gap junction [Nexus]

Tonofibril

Tonofilament

Intercellular substance

Intercellular space

Cell organelles

Cell inclusions

Centrosome

Centriole

Diplosome

Microtubular triplet

Satellite

Mitochondrion

Mitochondrial membrane

External mitochondrial membrane

Intermembranous space

Internal mitochondrial membrane

Crest

Tubule

Vesicle

Elementary particles

Mitochondrial matrix

Mitochondrial chromosome

Mitochondrial filament

Mitochondrial granule

Mitochondrial inclusion

Golgi complex

Lamelliform saccule

Vesicle

Endoplasmic reticulum

Granular endoplasmic reticulum

Agranular endoplasmic reticulum

Cistern

Lamella

Saccule

Tubule

Anulate lamella

Ribosome

Polyosome

Cytoplasmic vesicle

Pinocytotic vesicle

Peroxisome

Lysosome

Phagosome

Phagolysosome [Heterophagosome]

[]

Autophagosome

↗

Multitubular body [Weibel-Palade body]

Multivesicular body

Premelanosome

Melanosome

Lamellated melanin corpuscle

Microtubule

Microfibril

Microfilament

Cytoskeleton

Cellular granule

Glycogen granule

Protein granule

Pigment granule

Carotene granule

Ferritin granule

Hemosiderin granule

Hematoidin granule

Lipochrome granule

Lipofuscin granule

Melanin granule

Secretory granule

Lipid drop

Lipid droplet

Crystalloid inclusion

Residual body

CELL DIVISION

Cell cycle

Mitotic period

[M]

Mitotic cell

Mitotic nucleus

Intermitotic period [Interphase]

Intermitotic cell

Intermitotic nucleus

G₀ phase

[G₀]

G₁ phase

[G₁]

S phase

[S]

G₂ phase

[G₂]

Mitosis

Mitotic cycle

Cytokinesis

Nucleokinesis

Prophase

Dense glomus

Loose glomus

Metaphase

Equatorial plate

Anaphase

Telophase

Cytoplasmic constriction

Intermediate body

Residual spindle

Residual body

Chromosome

Arm of chromosome

Centromere [Kinetochore]

[]

Centromerus comitans

Spherule of centromere

Chromonema

Euchromatic part

Heterochromatic part

Central heterochromatic part

Chromomere

Matrix of chromosome

Acrocentric chromosome

Dicentric chromosome

Metacentric chromosome

Monocentric chromosome

Polycentric chromosome

Submetacentric chromosome

Telocentric chromosome

Chromatid

Telomere

Chromosomal satellite

Chromatin fiber of satellite

Satellite chromosome

Autosome

Sex chromosome

X-chromosome

[X] X

Y-chromosome

[Y] Y

Nucleolar chromosome

Heterosome

Mother chromosome

Daughter chromosome

Mitotic apparatus

Polar radiation

Daughter centriole

Mitotic spindle

Spindle apparatus

Chromosomatic microtubule

Continuous microtubule

Equator of spindle

Multipolar mitosis

Diaster

Aster

Meiosis

Prophase I

Proleptotene

Leptotene

가

Zygotene

Conjugation

Decussation

Pachytene

Meiotic chromosome

Homologous chromosome

Synapsis

Synaptonemal complex

Bivalent chromosome

가

Quadrivalent chromosome

가

Diplotene

Diakinesis

Prometaphase I

Metaphase I

Anaphase I

Telophase I

Interkinesis

Prometaphase II

Metaphase II

Anaphase II

Telophase II

Endomitosis

Haploid

Diploid

Tripliod

Tetraploid

Aneuploid

Polyploid

GENERAL HISTOLOGY

EPIHELIAL TISSUE

Epithelial cells

Squamous epithelial cell

Cuboidal epithelial cell

Columnar epithelial cell

Ciliated epithelial cell

Flagellated epithelial cell

Microplica epithelial cell

Microvillous epithelial cell

Brush border

가

Striated border

가

Pigment epithelial cell

Secretory epithelial cell [Glandular cell]

[]

Neurosensory epithelial cell

Sensory epithelial cell

Basement membrane

Lamina lucida

Basal lamina

[]

Fibroreticular lamina

Superficial epithelium

Simple squamous epithelium

Endothelium

Endothelial cell

Superficial vesicle [Caveola]

Multitubular body

Mesothelium

Mesothelial cell

Simple cuboidal epithelium

Simple columnar epithelium

Pseudostratified epithelium

Superficial epithelial cell

Intercalated epithelial cell

Basal epithelial cell

Keratinized stratified squamous epithelium

Nonkeratinized stratified squamous epithelium

Superficial layer

Intermediate layer [Spinous layer] [가]]

Basal layer

Stratified cuboidal epithelium

Stratified columnar epithelium

Transitional epithelium

Superficial layer

Intermediate layer

Basal layer

Ciliated epithelium

Sensory epithelium

()

Glandular epithelium

Glandular cell

Exocrine gland

Exocrine cell

Secretory granule

Mucigen granule

Zymogen granule

Endocrine gland

Endocrine cell

Intraepithelial gland

Unicellular gland

Goblet cell

Multicellular gland

Gland

Glandular stroma
Glandular capsule
Interlobar septum
Interlobular septum
Glandular trabecula
Glandular interstitium
Glandular parenchyme
Glandular lobe
Glandular lobule
Glandular ostium
Isthmus of gland
Neck of gland
Body of gland
Fundus of gland
Acinar gland
Alveolar gland
Tubular gland
Tubulo-acinar gland
Tubulo-alveolar gland
Simple gland
Compound gland

가

가

Branched gland

Terminal portion

Acinus

Alveolus

Tubule

Tubulo-acinus

Tubulo-alveolus

Serous demilune

Intracellular canalculus

Intercellular canalculus

Secretory duct

Intralobular duct

Striated duct

Intercalated duct

Interlobular duct

Interlobar duct

Excretory duct

Fusiform myoepithelial cell

Stellate myoepithelial cell

Serous gland

Mucous gland

Seromucous gland

Merocrine gland

Apocrine gland

Holocrine gland

Exocrine gland

Endocrine gland

CONNECTIVE TISSUE

Connective tissue cells

Fibroblast

Fibrocyte

Reticulocyte

Pericyte

Lymphocyte

Plasma cell

Macrophage

Fixed macrophage

Wandering macrophage

Mast cell

Globule leukocyte

Unilocular fat cell

Multilocular fat cell

Pigment cell

Chromatophore

Melanophore

Hemosiderophore

Lipochromophore

Intercellular substance

Connective tissue fibers

Collagenous fiber

Collagenous bundle

Collagenous fibril

Collagenous protofibril

Collagenous microfibril

Elastic fiber

Elastic amorphous part

Elastic filamentous part

Elastic network

Elastic lamella

Fenestrated elastic membrane

Reticular fiber

Ground substance [Amorphous substance]

Collagenous connective tissue

Loose collagenous connective tissue

Dense collagenous connective tissue

Regular type

Irregular type

Elastic connective tissue

Reticular connective tissue

White fat tissue

Brown fat tissue

Pigment connective tissue

Tendon

Tendon bundle

Tendon fiber

Tendon cell

Endotendineum

Peritendineum

Epitendineum

Synovial vagina of tendon

Parietal part

Tendon part

Fibrous layer

Synovial layer

Mesotendineum

Synovial cavity

Synovial bursa

Fibrous layer

Synovial layer

Myotendinal junction

Ligament

Fascia

Collagenous ligament

Elastic ligament

Collagenous fiber

Elastic fiber

Cartilage tissue

[]

Chondroblast

Chondrocyte

Group of isogenous chondrocyte

Cartilage matrix

Fundamental substance

Matrix fiber

Territorial matrix

Interterritorial matrix

Cartilage lacuna
Hyaline cartilage
Fibrous cartilage ()
Elastic cartilage
Perichondrium
Fibrous layer
Chondrogenic layer
Cartilage canal
Histogenesis of cartilage
Prechondral tissue
Chondroblast
Bone tissue
Osteoblast
Osteocyte
Osteoclast
Bone matrix
Fundamental substance
Collagenous fiber
Hydroxyapatite crystal
Canalculus of bone
Lacuna of bone

Osteocyte lacuna

Resorption lacuna [Howship's lacuna]

Reticulofibrous bone tissue

Lamellar bone tissue

Histogenesis of bone

Osteogenic tissue

Osteoblast

Osteoid tissue

Ossification center

Hydroxyapatite crystal

Trabecula of bone

Osteoclast

Resorption lacuna

Membranous bone

Cartilagenous bone

STRUCTURE OF BONE

Perosteum

()

Fibrous layer

Osteogenic layer

Perforating fiber

Endosteum

Compact bone tissue

Lamella of bone

Outer circumferential lamella

Inner circumferential lamella

Interstitial lamella

Osteon [Haversian system]

Lamella of osteon

Haversian canal [Central canal]

Volkmann's canal

Cement line

Resorption line

Spongy bone tissue [Trabecular bone tissue]

Lamella of bone

Trabecula of bone

Nutrient canal

Medullary cavity

[]

Yellow bone marrow

[]

Gelatinous bone marrow

[]

Red bone marrow

[]

Diaphysis

Metaphysis

Epiphysis

Apophysis

Membranous ossification

Ossification center

Reticulofibrous membranous bone [Primary membranous bone]

[]

Trabecula of bone

Lamellar membranous bone [Secondary membranous bone]

[]

Lamella of bone

Osteoblast

Cartilagenous ossification

Perichondrial ossification

Perichondrium

Osteogenic layer

Osteoblast

Perichondrial bony ring

Reticulofibrous periosteal bone

Primary osteon

Secondary osteon

Endochondrial ossification

Primary ossification center [Diaphyseal ossification center]

[]

Primary osteogenic bud

Primary medullary cavity []

Epiphyseal cartilage

Reserve zone

Proliferation zone

Column of chondrocytes

Hypertrophic zone

Hypertrophic chondrocyte

Resorption zone

Calcified cartilage

Cartilagenous cavity

Trabecula of cartilage

Ossification zone

Primary bone trabecula

Secondary bone trabecula

Lamella of bone

Lamellar endochondral bone

Secondary ossification center [Epiphyseal ossification cente]

[]

Growing cartilage

Hypertrophic chondrocyte

Calcified cartilage

Osseous lamina

Secondary osteogenic bud

Resorption lacuna [Howship's lacuna]

Articulations

Articular cartilage

Superficial layer

Intermediate layer

Deep layer

Subchondral osseous lamina

Articular capsule

Synovial layer

Pars villosa

Pars plana

Synovial fold

Synovial villus

Synovial cell

Phagocytic synovial cell

Secretory synovial cell

Lamina propria synovialis

Fibrous layer

Ligament

BLOOD

Blood cells []

Erythrocyte

Normocyte

Macrocyte

Microcyte

Plasma membrane of erythrocyte

Stroma of erythrocyte

Polychromatophilic erythrocyte

Reticulocyte

Reticular substance

Residual chromatin []

Erythrocyte ghost

Rouleaux formation

Leukocyte

Agranular leukocyte

Lymphocyte

Azurophilic granule

Monocyte

Azurophilic granule

Granular leukocyte

Neutrophilic leukocyte

Neutrophilic granule
Azurophilic granule
Juvenile neutrophilic leukocyte
Segmented neutrophilic leukocyte
Sex chromatin [Barr body]
Eosinophilic leukocyte
Eosinophilic granule
Basophilic leukocyte
Basophilic granule
Thrombocyte [Blood platelet]
Chromomere
Granule of thrombocyte
Hyalomere
Blood plasma
Hemoconia
Chylomicron
Lymph plasma
Chylomicron
Hemocytogenesis
Hemopoietic tissue
Myeloid tissue

[]

Reticulocyte

[Pluripotential hemopoietic stem cell]

Lymphoid tissue

Reticulocyte

Lymphoblast

Erythropoiesis

Proerythroblast

Erythroblast

Basophilic erythroblast

Polychromatophilic erythroblast

Acidophilic erythroblast

Reticulocyte

Erythrocyte

Granulopoiesis Granulocytopoiesis

Myeloblast

[]

Promyelocyte

[]

Neutrophilic promyelocyte

Acidophilic promyelocyte

Basophilic promyelocyte

Myelocyte

[]

Neutrophilic myelocyte

Acidophilic myelocyte

Basophilic myelocyte

Metamyelocyte

[]

Neutrophilic metamyelocyte [Juvenile neutrophilic leukocyte]

[]

Acidophilic metamyelocyte [Juvenile acidophilic leukocyte]

[]

Basophilic metaleukocyte [Juvenile basophilic leukocyte]

[]

Neutrophilic leukocyte

Acidophilic leukocyte

Basophilic leukocyte

Megakaryocytopoiesis

Megakaryoblast

Megakaryocyte

Thrombopoiesis

Megakaryocyte

Thrombocyte [Blood platelet]

Lymphopoiesis

Lymphoblast

Large lymphocyte

Medium-sized lymphocyte

Small lymphocyte

Lymphocyte

Plasmocytopoiesis

Lymphocyte

Plasmoblast

Plasma cell

Monocytopoiesis

Monoblast

Monocyte

MUSCULAR TISSUE

Smooth muscular tissue

[]

Smooth muscle cell

Myofilament

Myosin filament

가

Dense body

Superficial vesicle

Nexus

Skeletal muscular tissue

가 []

Striated muscle cell

가

Myofibril

Myofilament

Actin filament

가

Myosin filament

Sarcomere

Anisotropic band [A band]

[A]

A

Isotropic band [I band]

[I]

I

H band

[H]

H

M line

[M]

M

Z line

[Z]

Z

Agranular endoplasmic reticulum

Reticular element

Tubular element

Terminal cistern

Transverse tubule

가

Triad

Satellite cell of skeletal muscle

Red muscle fiber

White muscle fiber

Muscle fascicle

Endomysium

Perimysium

Epimysium

Histogenesis of striated muscle

가

Myoblast

Myotube

Satellite cell of skeletal muscle

Tendon

Cardiac muscular tissue

Muscle fiber

Cardiac muscle cell

Intercalated disc

Macula adherens

Fascia adherens

Nexus

Myofibril

Agranular endoplasmic reticulum

Transverse tubule

γ

Diad

Purkinje fiber

Purkinje cell

NERVOUS TISSUE

Neuron

[]

Nerve cell body

Axon hillock

Neurofilament

Neurofibril

Chromophilic substance [Nissl body]

Axon [Neurite]

Initial segment

Axonal varicosity

Telodendron

가

Collateral branch

가

Synaptic vesicle

Dendrite

가

Dendritic appendix

가

Dendritic gemmule

가

Dendritic spine

가 가

Unipolar neuron

Pseudounipolar neuron

Bipolar neuron

Multipolar neuron

Golgi type I neuron

Golgi type II neuron

Secretory neuron

Neurosecretory substance

Pigment neuron

Neuromelanocyte

Nerve terminals

Receptor

Free nerve terminal

Lanceolate terminal of hair follicle

Terminal corpuscle

Noncapsulated tactile corpuscle

Sensory elevation

Merkel's disc

Merkel's cell

Encapsulated nerve terminal

Meissner's corpuscle

Vater-Pacinian corpuscle

Inner bulb

Outer bulb

Lamella

Golgi-Mazzoni's corpuscle

Neurotendinal spindle [Golgi tendon organ]

Neuromuscular spindle

Capsule

Inner layer

Outer layer

Intrafusal muscle fiber

Nuclear bag fiber

Nuclear chain fiber

Anulospiral ending

Flower-spray ending

Effector

Neuromuscular terminal

Neuromuscular terminal of spindle

Fold of postsynaptic membrane

Neuroepithelial terminal

Neuroglandular terminal

Neurosecretory terminal

Palisade terminal

Synapse

Vesicular synapse

Presynaptic part

Presynaptic vesicle

Dense core vesicle

Clear vesicle

Presynaptic membrane

Presynaptic density

Synaptic cleft

Substance of synaptic cleft

Postsynaptic part

Postsynaptic membrane

Postsynaptic density

Nonvesicular synapse [Electrical synapse]

[]

Axodendritic synapse

가

Axosomatic synapse

Axoaxonal synapse

Somatodendritic synapse

가

Somatosomatic synapse

Dendrodendritic synapse

가

Terminal bulb

Preterminal bulb

Terminal foot

Terminal calyx

Invaginate synapse

Neurotransmitter

Neuroglia

Glial cell
Glial cell body
Glial cell process
Gliofilament
Glial cell of central nervous system
Ependymal cell
Columnar ependymal cell
Ciliated ependymal cell
Choroid ependymal cell
Tanyocyte
Astrocyte
Protoplasmic astrocyte
Fibrous astrocyte
Perivascular feet
Subpial feet
Superficial glial limiting membrane
Perivascular glial limiting membrane
Periventricular glial limiting membrane
Oligodendrocyte
Process for myelinization
Microglia

Glial cell of peripheral nervous system

Satellite cell

[]

Neurolemmal cell [Schwann's cell]

Terminal glial cell

Neuropil

Investment of neural process

Oligodendrocyte

Neurolemma [Schwann's sheath]

Neurolemmal cell [Schwann's cell]

Mesaxon

Myelinated nerve fiber

Myelin sheath

Internodal segment [Internode]

Myelin lamellae

Digitiform process

Node of Ranvier

Schmidt-Lantermann's cleft

Nonmyelinated nerve fiber

SPECIAL HISTOLOGY

SPLANCHNOLOGY

General term

Tunica mucosa

Epithelium

Lamina propria mucosae

Lamina muscularis mucosae

Tela submucosa

Tunica muscularis

Circular layer

Longitudinal layer

Tunica adventitia [Tunica fibrosa]

[]

Tela subserosa

Tunica serosa

Lamina propria serosae

Mesothelium

Pericardium

Peritoneum

[]

Pleura

가 []

Blood vessel

Subepithelial capillary network

Vascular plexus

Arterial network

Venous plexus

Submucous vascular plexus

Submucous arterial network

Submucous venous plexus

Intramuscular vascular plexus

Intramuscular arterial network

Intramuscular venous plexus

Intrinsic lymphatic vessel

Subepithelial lymphatic capillary network

Intramucous lymphatic plexus

Submucous lymphatic plexus

Subserous lymphatic plexus

Intrinsic nervous plexus

Submucous nervous plexus

Myenteric nervous plexus

Ganglion plexus

Parenchyma

Stroma

Gland

DIGESTIVE SYSTEM

Mouth

Oral cavity

[]

Cheek

Lip

Cutaneous part

Intermediate part [Red part]

Mucous part

Palate

[]

Hard palate

[]

Tunica mucosa

Adipose zone

Glandular zone

Fibrous zone

Cavernous layer

Soft palate

[]

Nasopharyngeal side

Respiratory mucosa

Oropharyngeal side

Oral mucosa

Elastic layer

Tela submucosa

Palatine gland

Tendinomuscular lamina

Gingiva
Free part
Fixed part
Gingival margin
Gingival papilla
Gingival crevice
Gingival fiber
Salivary gland
Terminal portion
Aacinus
Alveolus
Tubule
Tubuloacinus
Tubuloalveolus
Mucous cell
Serous cell
Serous demilune
Intercalated duct
Striated duct
Intralobular duct
Interlobular duct

Interlobar duct
Excretory duct
Labial gland
Palatine gland
Tooth

Dental crown []
Dental neck
Dental root
Dental pulp cavity []
Cavity of crown
Dental root canal
Dental apical foramen
Enamel
Ameloblast
Enamel prism
Prismatic rod sheath
Hydroxyapatite crystal
Process of ameloblast [Tomes' process]
Dental cuticle
Enamel lamella
Enamel spindle

Enamel fascicle

Dentino-enamel junction

Incremental line of enamel [Retzius line]

Neonatal line

Dentin

Dentinal tubule

Peritubular dentin

Lateral branch

가 가

Process of odontoblast [Tomes' fiber]

Dentinal lamella

Fundamental substance

Hydroxyapatite crystal

Incremental line of dentin

Granular layer of dentinal root

Dentinal globule

Interglobular space

Juxtapulpal dentin

Predentin

Predentinal fiber

Secondary dentin

Dentinal fiber

Dentinocemental junction

Cementum

Acellular cementum

Cellular cementum

Cementocyte

Cementoblast

Intercellular substance

Lacuna

Canaliculus

Fundamental substance

Cemental fiber

Hydroxyapatite crystal

Incremental line of cementum

Perforating fiber [Sharpey's fiber]

Dental pulp

[]

Pulp horn

Pulpocyte

[]

Odontoblast

Subodontoblastic layer

Subodontoblastic nerve plexus

Pulp of root

Periodontium

Periodontal ligament

Gingival ligament

Dentoalveolar ligament

Cementoalveolar fiber

Interradicular fiber

Apical fiber

Interdental fiber

Alveolar periosteum

()

Dental alveolus

Interradicular septum

Interalveolar septum

Odontogenesis

Dental lamina

Lingual dental lamina

Vestibular dental lamina

Dental bud

Dental germ

Enamel organ

External enamel epithelium

Enamel pulp

Intermediate layer

Internal enamel epithelium

Ameloblast

Enamel cuticle

Dental cusp

Epithelial rest

Dental papilla

Dental saccule

Tongue

Lingual papilla

Filiform papilla

Conical papilla

Lentiform papilla

Fungiform papilla

Foliate papilla

Papillary leaf

Papillary groove

Circumvallate papilla

Papillary wall

Papillary groove

Marginal papilla

Lingual gland

Anterior lingual gland

Mucous gland of tongue root

Gustatory gland [Ebner's gland]

Lingual tonsil

Crypt

Taste bud

Pharynx

Fauces

Palatine tonsil

[]

Tonsillar follicle

Tonsillar fossula

Tonsillar crypt

Lymphatic nodule

Tonsillar capsule

Tonsillar sinus

Tonsil of soft palate

Para-epiglottic tonsil

Tonsillar sulcus

Pharyngeal gland

Pharyngeal tonsil [Adenoids]

Tubal tonsil []
Esophagus
Esophageal gland proper
Tubuloalveolar terminal part
Mucous cell
Ampulla of duct
Esophageal cardiac gland
Tubular terminal part
Stomach
Gastric pit
Surface epithelial cell
Cardiac gland
Secretory cell of cardiac gland
Gastric gland proper
Isthmus
Undifferentiated cell
Neck
Mucous neck cell
Principal part
Body part
Basal part

Chief cell
Zymogen granule
Parietal cell
Intracellular canalculus
Pyloric gland
Secretory cell of pyloric gland
Gastrointestinal endocrine cell
Compact layer
Lymphatic nodule
Nonglandular part
Papilla of rumen
Cell of reticulum
Crest of reticulum
Papilla of reticulum
Conical papilla
Fold of omasum
Papilla of omasum
Keratinized stratified squamous epithelium
Lamina propria
Papillary layer
Micropapilla

Reticular layer
Small intestine []
Circular folds
Intestinal villus
Columnar cell
Striated border 가
Microvillus
Goblet cell
Stroma of villus
Villous muscle cell
Central lacteal
Intestinal gland [Crypt of Lieberkuhn] []
Undifferentiated cell
Columnar cell
Goblet cell
Paneth cell
Gastrointestinal endocrine cell
Submucosal gland of Brunner
Compact layer
Solitary lymphatic nodule
Aggregated lymphatic nodules

Liver

Tunica serosa

Tunica subserosa

Tunica fibrosa

Perivascular fibrous capsule

Hepatic lobule

Central zone

Intermediate zone

Peripheral zone

Hepatic plate

Hepatocyte

Limiting plate

Portal canal

Hepatic triad

Interlobular artery

Interlobular vein

Interlobular capillary

Sinusoidal capillary

Kupffer's cell

Perisinusoidal space

Fat-storing cell

Central vein

Sublobular vein

Occluding vein

Bile canaliculus

Bile ductule

Interlobular bile duct

Gall bladder

() []

Fundus

Body

Tunica mucosa

Superficial epithelial cell

Fold of tunica mucosa

Crypt of tunica mucosa

Gland of tunica mucosa

Mucous cell

Goblet cell

Neck

Mucous gland

Cystic duct

Spiral fold

Hepatic duct

Common bile duct

Tunica mucosa

Goblet cell

Gland of tunica mucosa

Mucous cell

Tunica muscularis

Sphincter of common bile duct

Tunica adventitia

Hepatopancreatic ampulla

Sphincter of hepatopancreatic ampulla

Pancreas

Exocrine portion of pancreas

Pancreatic lobule

Interlobular septum

Pancreatic acinus

Pancreatic acinar cell

Zymogen granule

Centroacinar cell

Intercalated duct

Intralobular duct

Interlobular duct

Pancreatic islets	()
Large intestine	[]
Vermiform appendix	[]
Superficial cell	
Striated border	¶
Microvillus	
Intestinal gland [Intestinal crypt]	[]
Undifferentiated cell	
Columnar cell	
Goblet cell	
Gastrointestinal endocrine cell	
Compact layer	
Solitary lymphatic nodule	
Aggregated lymphatic nodules	
Anal canal	
Anal gland	
Anorectal line	
Anocutaneal line	
Para-anal sinus	
Gland of para-anal sinus	
Apocrine gland	

Sebaceous gland
Circumanal gland
Peritoneum []

Tunica serosa

Mesothelium

Lamina propria

Tela subserosa

Omentum

Tunica serosa

Tela subserosa

Trabecula omentalis

Lobulus adiposus

Macula lactea

Fenestra omentalis

RESPIRATORY SYSTEM

Nasal cavity []

Cutaneous region

Nasal vestibule

Vibrissae

Respiratory region

Respiratory mucosa

Pseudostratified ciliated columnar epithelium

Ciliated cell

Goblet cell

Microvillous cell

Basal cell

Nasal gland

Lateral nasal gland

가

Cavernous layer

Cavernous plexus of nasal concha

Olfactory region

Olfactory mucosa

()

Laryngeal cavity

Laryngeal vestibule

Nonkeratinized stratified squamous epithelium

Pseudostratified ciliated columnar epithelium

Epiglottic gland

Arytenoid gland

Taste bud of epiglottis

Vestibular fold

Laryngeal ventricle

Pseudostratified ciliated columnar epithelium

Gland of laryngeal ventricle

Laryngeal saccule

Gland of laryngeal saccule

Glottis

Vocal fold

Intermembranous portion

Nonkeratinized stratified squamous epithelium

Infraglottic cavity

Pseudostratified ciliated columnar epithelium

Laryngeal gland

Solitary lymphatic nodule

Aggregated lymphatic nodules

Trachea

Bronchus

Tunica mucosa

Pseudostratified ciliated columnar epithelium

Ciliated cell

Goblet cell

Microvillous cell

Lamina propria

Fibroelastic lamina

Tela submucosa

Tracheal gland

Bronchial gland

Tracheal lymphatic nodules

Bronchial lymphatic nodules

Fibromusculocartilaginous layer

Annular ligaments

Tracheal muscle

Bronchial muscle

Tracheal cartilages

Bronchial cartilages

Membranous wall

Tunica adventitia

Lung

[]

Bronchial tree

Bronchus

Tunica mucosa

Pseudostratified ciliated epithelium

Lamina propria

Fibroelastic layer

Lamina muscularis mucosae

[Tela mucosae] []

Musculocartilaginous layer

Spiral muscle

Bronchial cartilage

Bronchial gland

Tunica adventitia

Bronchiole

Tunica mucosa

Pseudostratified ciliated epithelium

Simple ciliated epithelium

Goblet cell

Lamina propria

Longitudinal elastic fiber

Lamina muscularis mucosae

[Tela mucosae] []

Tunica muscularis

Tunica adventitia

Secondary pulmonary lobule

Terminal bronchiole

Simple ciliated cuboidal epithelium

Bronchiolar cell [Clara cell]

Pulmonary alveolar tree
Primary pulmonary lobule
Respiratory bronchiole
Simple ciliated cuboidal epithelium
Bronchiolar cell [Clara cell]
Longitudinal elastic fiber
Spiral muscle
Alveolar duct
Simple ciliated cuboidal epithelium
Elastic fiber
Smooth muscle cell
Alveolar atrium
Alveolar saccule
Pulmonary alveolus []
Simple squamous epithelium
Pneumocyte type I
Pneumocyte type II
Aveolar macrophage
Dust cell
Interalveolar septum
Septal pore

Pleura 가 []

Tunica serosa

Mesothelium

Lamina propria

Tela subserosa

Mediastinum

Mediastinal fenestra

UROGENITAL APPARATUS

URINARY ORGAN

Kidney

[]

Adipose capsule

Fibrous capsule

Renal lobe

Renal cortex

External zone [Peripheral zone]

[]

Internal zone [Juxtamedullary zone]

[]

Cortical lobule

Convoluted portion

Radiate portion

Renal medulla

External zone

Internal zone

Renal pyramid

Base of renal pyramid

Renal papilla

Renal crest

Area cibrosa

Papillary foramen

Renal column

Renal corpuscle

Vascular pole

Glomerulus

Glomerular capillary network

Glomerular capillary

Fenestrated endothelial cell

Basement membrane

Mesangium

Hyaline lamella

Mesangial cell

Glomerular capsule of Bowman

Urinary pole

Renal tubule

Nephron

Cortical nephron

Intermediate nephron

Juxtamedullary nephron

Glomerular capsule

External wall

Internal wall

Podocyte

Trabecula of podocyte

Foot of podocyte

Capsular lumen

Proximal convoluted tubule

Proximal straight tubule

Simple cuboidal epithelium

Microvillous cell

Brush border

가

Basal striated border

가

Attenuated tubule

Descending part

Ascending part

Simple squamous epithelium

Distal straight tubule

Simple squamous epithelium

Macula densa

Henle's loop

Distal convoluted tubule

Simple cuboidal epithelium

Collecting renal tubule

Arcuate renal tubule

Straight collecting tubule

Papillary duct

Simple cuboidal epithelium

Juxtaglomerular complex

Macula densa

Macula densa cell

Tunica media of glomerular arteriole

Juxtaglomerular cell

Mesangium

Mesangial cell

Renal pelvis

Tunica mucosa

Transitional epithelium

Gland of renal pelvis

Mucous cell

Tunica muscularis

Longitudinal layer

Circular layer

Tunica adventitia

Renal blood vessel

Interlobar artery

arcuate artery

Interlobular artery

Intralobular artery

Afferent glomerular arteriole

Glomerular capillary network

Efferent glomerular arteriole

Cortical peritubular capillary network

Medullary peritubular capillary network

Vasa recta

[]

Interlobar vein

Arcuate vein

Interlobular vein

Intralobular vein

Stellate venule

Straight venule

Capsular vein

Ureter

Tunica mucosa

Transitional epithelium

Ureteric gland

Tunica muscularis

Internal longitudinal layer

Circular layer

External longitudinal layer

Tunica serosa

Tela subserosa

Tunica adventitia

Urinary bladder

Tunica mucosa

Transitional epithelium

Trigonal gland

Tunica muscularis

Internal longitudinal layer

Circular layer

External longitudinal layer

Tunica serosa

Tela subserosa

Tunica adventitia

Male urethra

Female Urethra

Tunica mucosa

Pseudostratified epithelium

Stratified squamous epithelium

Urethral gland [Litter's gland]

Urethral lacunae

Spongy layer

Tunica muscularis

Para-urethral duct

Para-urethral gland

MALE GENITAL ORGANS

Testis ()

Tunica vaginalis ()

Parietal layer

Visceral layer

Tunica albuginea

Tunica vasculosa	
Mediastinum testis	()
Septum testis	()
Lobule of testis	()
Interstitium of testis	
Interstitial cell [Leydig's cell]	
Crystalloid of Reinke	
Parenchyma of testis	()
Convoluted seminiferous tubule	
Spermatogenic epithelium	
Supporting cell [Sertoli cell]	
Compound intercellular junction	[]
Spermatogenic cells	
Limiting membrane	
Basement membrane	
Myoid cell layer	
Myofibroblast	
Fibrous layer	
Straight seminiferous tubule	
Rete testis	()
Ductulus efferens testis	()

Spermatogenesis

Spermatogonium

Type A spermatogonium

A

Intermediate spermatogonium

Type B spermatogonium

B

Primary spermatocyte

Secondary spermatocyte

Spermatid

Idiosome

Diplosome

Golgi complex

Proacrosome

Proacrosomal vesicle

Proacrosomal granule

Acrosome

Outer acrosomal membrane

Inner acrosomal membrane

Acrosomal substance

Chromatoid body

Flagellum

Anulus of flagellum

Cytoplasmic sheath

Equatorial fold

Equatorial ring

Manicula caudalis

Microtubule

Residual body

Spermatozoon [Sperm]

Head

Nucleus

Nuclear vesicle

Nuclear saccule

Acrosome

Inner acrosomal membrane

Outer acrosomal membrane

Acrosomal substance

Acrosomal granule

Perforation

Subacrosomal substance

Postacrosomal substance

Anulus

Implantation fossa

Flagellum [Tail]	[]	()
Connecting piece		
Basal plate		
Base of column		
Striated column		
Proximal centriole		
Distal centriole		
Middle piece		
Axoneme		
Central microtubule		
Peripheral doublet		
Dense fiber		
Mitochondrial sheath		
Anulus		
Principal piece		
Axoneme		
Dense fiber		
Fibrous sheath		
Longitudinal column		
Rib of fibrous sheath		
End piece		

Axoneme

Epididymis ()

Ductus efferens []

Pseudostratified columnar epithelium

Microvillous cell

Ciliated cell

Fibromuscular layer

Septum epididymidis ()

Lobulus epididymidis ()

Ductus epididymidis ()

Pseudostratified columnar epithelium

Microvillous cell

Brush border ¶

Basal cell

Tunica fibromuscularis

Tunica adventitia

Tunica serosa

Tela subserosa

(Appendix testis) () ()

(Ductulus aberrans) ()

(Appendix epididymidis) () ()

(Paradidymis) () ()

(Ductulus paradidymidis) () ()

Ductus deferens

Tunica mucosa

Mucosal fold

Pseudostratified columnar epithelium

Microvillous cell

Brush border

¶

Basal cell

Tunica muscularis

Inner longitudinal layer

Circular layer

Outer longitudinal layer

Tunica adventitia

Tunica serosa

Tela subserosa

Ampulla of ductus deferens

Diverticulum of ampulla

Gland of ampulla

Ejaculatory duct

Accessory genital glands

Ampulla of ductus deferens

Seminal vesicle

Glandular lobule

Terminal portion

Alveolus

" , "

Mucous cell

Tunica mucosa

Tunica muscularis

Tunica adventitia

Tunica serosa

Tela subserosa

Prostate

Disseminated part of prostate

Body of prostate

Capsule of prostate

Fibrous layer

Muscular layer

Myoelastic stroma

Septum of prostate

Parenchyma

Lobe

Terminal portion

Tubulo-alveolus

Mucous cell

Prostatic concretion

Prostatic ductule

Prostatic duct

Bulbo-urethral gland

Terminal portion

Tubuloacinus

Tubuloalveolus

Mucous cell

Duct of bulbo-urethral gland

Tunica adventitia

Penis

Skin of penis

Prepuce

Sebaceous gland [Preputial gland]

[]

Sebaceous cell

Skin of glans

Spine of glans

가

Superficial fascia of penis

Dartos tunic		
Deep fascia of penis		
Corpus cavernosum		
Tunica albuginea		
Trabecula	"	,
Sinus [Caverna]	"	,
Helicine artery		
Cavernous vein		
Emissary vein		
Os penis		
Corpus spongiosum		
Tunica albuginea		
Trabecula	"	,
Sinus [Caverna]	"	,
Male urethra		
Prostatic part		
Transitional epithelium		
Mucous cell		
Spongy layer		
Glandula collicularis		
Prostatic utricle		

Membranous part

Pseudostratified columnar epithelium

Tunica muscularis

Longitudinal layer

Circular layer

Spongy part

Pseudostratified columnar epithelium

Navicular fossa

Stratified squamous epithelium

Urethral lacunae

Urethral gland

Para-urethral duct

Lymphatic nodule

Scrotum

Skin of scrotum

Dartos tunic

FEMALE GENITAL ORGANS

Ovary

Surface epithelium

Microvillous cuboidal mesothelial cell

Tunica albuginea

Stroma of ovary

Interstitial of ovary

Cellular connective tissue

Interstitial cell

Cortex of ovary

[]

Ovulation fossa

Primordial ovarian follicle

Primary ovarian follicle

Secondary ovarian follicle

"Tertiary ovarian follicle [Vesicular follicle, Graafian foll"

Theca externa

Theca interna

Thecal cell

Basement membrane

Follicular epithelium

[]

Follicular cell

Antrum of ovarian follicle

Follicular fluid

Cumulus oophorus

Corona radiata

Zona pellucida

Oocyte
Stigma of ovarian follicle
Atretic follicle
Corpus haemorrhagicum
Corpus luteum ()
Corpus luteum of menstruation ()
Corpus luteum of pregnancy ()
Lutein cell ()
Granulosa lutein cell ()
Theca lutein cell ()
Corpus luteum of regression ()
Corpus albicans ()
Medulla of ovary []
Chorda medullaris
Tubulus medullaris
Interstitial cell
Rete ovarii
Oogenesis
Oogonium
Primary oocyte
Secondary oocyte

Primary polar body

Secondary polar body

Ovum

Epoophoron

Ductus epoophorontis longitudinalis

Transverse tubule

가

Appendix vesiculosus

Paroophoron

Ductus paroophrontis

Uterine tube

Tunica mucosa

Fold

Simple columnar epithelium

Ciliated cell

Microvillous cell

Lamina propria

Cellular connective tissue

Tunica muscularis

Circular layer

Longitudinal layer

Tela subserosa

Tunica serosa

Uterus

Tunica mucosa [Endometrium]

[]

()

Simple columnar epithelium

Ciliated cell

Microvillous cell

Pseudostratified columnar epithelium

Lamina propria [Endometrial stroma]

[]

Functional layer of endometrium

Connective tissue of endometrium

Decidual cell

Compact layer of endometrium

Spongy layer of endometrium

Uterine gland

Basal layer of endometrium

Spiral artery

Basal artery

Caruncula

" , "

Microcaruncula

Tunica muscularis [Myometrium]

[]

Submucous layer

Vascular layer

Supravascular layer

Subserous layer

Horn of uterus

Circular muscle layer

Vascular layer

Longitudinal muscle layer

Tela subserosa

Tunica serosa [Perimetrium]

[]

()

Tunica adventitia

Parametrium

Cervix of uterus

Prevaginal portion

Simple columnar epithelium

Superficial epithelial cell

Mucous cell

Ciliated cell

Cervical gland

Mucous cell

Vesicula cervicalis

Palmate fold

Circular fold

Pulvinus cervicalis

Vaginal portion of cervix () ()

Stratified squamous epithelium

Vagina

Tunica mucosa

Stratified squamous epithelium

Keratinized epithelium ()

Non-keratinized epithelium ()

Mucous cell

Lamina propria

Tunica muscularis

Circular fascicle

Longitudinal layer

Tunica adventitia

Female external genitalia

Labium majus

Labium minus

Vestibule

Stratified squamous epithelium

Lamina propria

Minor vestibular gland

Major vestibular gland

Glandular lobule

Alveolar terminal portion

Mucous cell

Tubular terminal portion

Interlobular duct

Sinus of duct

Glandular duct

Bulbus vestibuli

Clitoris

Corpora cavernosa clitoridis

Tunica albuginea

Trabeculae

" , "

Sinus [Caverna]

Corpus spongiosum

Tunica albuginea

Trabeculae

" , "

Sinus [Caverna]

ENDOCRINE SYSTEM

ENDOCRINE GLANDS

Thyroid gland []
Lobe
Lobule
Follicle
Follicular cell
Parafollicular cell
Colloid
Accessory thyroid gland
Perifollicular capillary network
Perifollicular lymphatic capillary network
Parathyroid glands
Cell of parathyroid gland
Principal cell
Light cell
Dark cell
Oxyphilic cell
Hypophysis [Pituitary gland]
Adenohypophysis [Anterior lobe] []
Pars tuberalis
Pars intermedia
Basophilic cell

Conus adenohypophysis
Cavum hypophysis
Pars distalis
Endocrine cell cluster
Chromophobic cell
Chromophilic cell
Acidophilic cell
Somatotrope []
Mammotrope
Basophilic cell
Thyrotrope
Gonadotrope
Corticotrope []
Trabecula of adenohypophysis
Neurohypophysis [Posterior lobe] []
Infundibulum
Neural lobe
Hypothalamohypophyseal tract
Pituicyte
Neurosecretory substance
Herring body Herring

Infundibular recess

Blood vessel of hypophysis

Superior hypophyseal artery

Trabecular artery

Primary capillary network

Superficial network

Short capillary loop

Deep network

Long capillary loop

Subependymal network

Inferior hypophyseal artery

Long portal vein

Short portal vein

Sinusoidal capillary of adenohypophysis

Capillary of neurohypophysis

Hypophyseal vein

Axovascular synapsis

Pineal gland

[]

Central glial cell

Endocrine cell of pineal gland

Pinealocyte [Clear cell]

Interstitial cell [Dark cell]

Nervus conarius

Perivascular nerve fiber

Pancreatic islets

Pancreatic endocrine cell

Alpha cell [Glucagon cell] []

Beta cell [Insulin cell] []

Delta cell

Adrenal gland []

Capsule

Fibrous layer

Cellular layer

Cortex []

Zona glomerulosa

Zona fasciculata

Internal part

External part

Zona reticularis

Cortical endocrine cell

Accessory nodule

Medulla []

Medullary endocrine cell

Clear cell [Epinephrine cell] [] ()

Dark cell [Norepinephrine cell] [] ()

Multipolar neuron ()

Medullary venous plexus

Central vein

Paraganglia

Sympathetic paraganglion

Glomus cell

Chief cell [Type I glomus cell]

Supporting cell [Type II glomus cell]

Sinusoidal capillary

Fenestrated endothelial cell

Thymus が

CIRCULATORY SYSTEMS

HEART

Epicardium

Mesothelium

Tela subepicardiaca [Tela subserosa] []

Myocardium

Muscle fiber

Cardiac muscle cell

Cardiac conducting system

Sinoatrial node

Atrioventricular node

Nodal cell

Atrioventricular bundle

Trunk

Right bundle branch

가

Right branch

가

Left bundle branch

가

Anterior left branch

가

Posterior left branch

가

Purkinje fiber

Purkinje cell

Endocardium

Endothelium

Subendothelial layer

Myoelastic layer

Tela subendocardialis

Right fibrous trigone

Left fibrous trigone

Fibrous ring

Interventricular septum

Membranous part

Muscular part

Cartilago cordis

Os cordis

Pericardium

Fibrous pericardium

Tela subpericardialis [Tela subserosa]

[]

Serous pericardium

Mesothelium

Blood vessels

lymphatic vessels

Blood capillary

Endothelium

Nonfenestrated endothelial cell

Fenestrated endothelial cell

Superficial vesicle

Basement membrane

Lamina lucida

Lamina densa

[]

Lamina reticularis

Pericyte

Capillary loop

Arterial capillary

Venous capillary

Sinusoidal capillary

Stellated macrophagocyte

Fenestrated endothelial cell

Intercellular hole

Continuous basement membrane

Discontinuous basement membrane

Lacuna cavernosa

Capillary network

Endothelial bud

Arteries

Arteriole

" , "

Tunica intima

Elastic network

Tunica media

Tunica adventitia

Precapillary arteriole

Precapillary sphincter

Arteriolar network

Artery

Tunica intima

Subendothelial layer

Internal elastic membrane

Tunica media

External elastic membrane

Tunica adventitia

Elastic type of artery

Fenestrated elastic membrane

Muscular type of artery

Mixed type of artery

Convoluted artery

Intravascular constrictor

Longitudinal muscular wall

Arterial network

Carotid sinus

Veins

Venule

()

Tunica intima

Tunica media

Tunica adventitia

Postcapillary venule

Collecting venule

Muscular venule

Venous network

Vein

Tunica intima

Valve

Valvular sinus

Subendothelial layer

Elastic network

Tunica media

Tunica adventitia

Muscular type of vein

Fibrous type of vein

Venous network

Venous sinus

Cavernous vein

Venous plexus

Arteriovenous anastomosis

Simple arteriovenous anastomosis

Glomus type of arteriovenous anastomosis

Arterial segment

Pulvinar of tunica intima

Epitheloid muscle cell

Venous segment

Glomus

" , "

Carotid body

Chief cell [Type I glomus cell]

(1)

Supporting cell [Type II glomus cell]

(2)

Aortic body

Pulmonary glomus

Lymphatic vessel

Lymphatic capillary

Endothelium

Filament

Lymphatic capillary network

Lymphatic vessel

Tunica intima

Endothelium

Subendothelial layer

Valve

Valvular sinus

Tunica media

Tunica adventitia

Muscular type of lymphatic vessel

Fibrous type of lymphatic vessel

Lymphatic plexus

Vasa vasorum

Nervi vasorum

Vas vasorum

Lymphatic vessel of vessel

Lymphatic capillary of vessel

Nervi vasorum

Intramuscular nerve plexus

Perivascular nerve plexus

Periarterial nerve plexus

Perivenous nerve plexus

HEMOPOIETIC ORGANS

LYMPHOPOIETIC ORGANS

Bone marrow

[]

Red bone marrow

[]

Stroma of bone marrow

Hemopoietic tissue

Reticular tissue

Sinusoidal capillary

Yellow bone marrow []

Gelatinous bone marrow []

Fibrous bone marrow []

Lymph node

Capsule " , " , "

Trabecula " , "

Hilum

Afferent lymphatic vessel

Lymphatic sinus

Subcapsular sinus []

Cortical sinus

Medullary sinus

Efferent lymphatic vessel

Cortex

Lymphatic nodule

Primary nodule

Secondary nodule

Germinal center

Corona [Cap]

" , "

Paracortex

[가]

Postcapillary venule

Medulla

Medullary cord

Reticular tissue

Lymphocyte

Solitary lymphatic nodule

Aggregated lymphatic nodule

Inverse lymph node

Hemal lymph node

Spleen

[]

Tunica serosa

Tunica fibrosa

Trabecula of spleen

Collagen fiber

Elastic fiber

Smooth muscle cell

Splenic pulp

Red pulp

Splenic cord [Billroth's cord]

White pulp

Periarterial lymphatic sheath

Splenic lymph nodule

Trabecula artery

Artery of white pulp

Artery of lymph nodule

Artery of red pulp

Penicillar arteriole

Schweigger-Seidel sheath

Schweigger- Seidel

Terminal capillary

Splenic sinusoid

Fusiform endothelial cell

Anular reticular fiber

Sinusoidal capillary

Pulp vein

Trabecular vein

Thymus

가

Capsule

" , , "

Cortical septum

Thymic lobule

가

Cortex

Medulla

Epithelial reticular cell

Thymic corpuscle [Hassall's corpuscle]

가

Thymocyte

가

Tonsil

" (,)"

NERVOUS SYSTEM

CENTRAL NERVOUS SYSTEM

Meninges

()

Dura mater

Dura mater of brain

Outer layer

Inner layer

Dura mater of spinal cord

Arachnoid

Arachnoid of brain

Subarachnoid cistern

Arachnoid trabecula

Arachnoid granulation

Macula cellularis

Colliculus cellularis

Arachnoid of spinal cord

Pia mater

Pia mater of brain

Pia mater of spinal cord

Outer layer

Dentate ligament

Inner layer

External glial limiting membrane

Subpial space

Choroid plexus

Glomus of choroid

Tela choroidea

Spinal cord

Posterior median septum

Anterior median fissure

Posterolateral sulcus

가

Internal glial limiting membrane

White commissure

Gray commissure

Central canal

Ependymal cell

White matter

Fibrous astrocyte

Oligodendrocyte

Myelinated nerve fiber

Posterior funiculus

가

Lateral funiculus

Anterior funiculus

Gray matter

Nerve cell [Neuron]

[]

Nonmyelinated nerve fiber

Protoplasmic astrocyte

Neuropil

Column of gray matter

Posterior column

[]

Lateral column

가 []

Anterior column

[]

Motor neurons

Somatic neuron

Autonomic neuron

Neuron of neuromuscular spindle

Internuncial neurons

Commissural neuron

Noncommissural neuron

Reticular formation

Brain

Cerebellum

Corpus medullare

Lamina alba

Cerebellar cortex

Molecular layer

Stellate cell

Basket cell

Purkinje cell layer

Purkinje

Basket of nerve fiber

Purkinje cell

Purkinje

Granular layer

Golgi cell

Granule cell

Glomerulus

" , "

Mossy fiber

"Ascending nerve fiber, Climbing fiber"

Parallel nerve fiber

Cerebrum

Cerebral cortex

Molecular layer

Horizontal neuron

External granular layer

Small pyramidal neuron

External pyramidal layer

Large pyramidal neuron

Internal granular layer

Small stellate neuron

Medium-sized pyramidal neuron

Large pyramidal neuron

Fusiform layer

Small fusiform neuron

Medium-sized fusiform neuron

PERIPHERAL NERVOUS SYSTEM

General term

Spinal ganglion [Sensory ganglion]

Pseudo-unipolar neuron

가

Satellite cell

Capsule

" , "

Autonomic ganglion [Visceral ganglion]	[]
Multipolar neuron	
Dendritic glomerulus	가
Axodendritic synapse	가
Axosomatic synapse	
Satellite cell	[]
Capsule	" , "
Nerve	
Nerve fiber	
Myelinated nerve fiber	
Nonmyelinated nerve fiber	
Afferent nerve fiber	
Efferent nerve fiber	
Autonomic nerve fiber	
Preganglionic nerve fiber	
Postganglionic nerve fiber	
Autonomic nerve plexus	
Endoneurium	
Perineurium	
Pars fibrosa	
Pars epithelioidalis	

Epineurium

Superficial epineurium

Deep epineurium

SENSORY ORGANS

General term

Sensory epithelium

Neurosensory cell

Sensory cell

Supporting cell

VISUAL ORGAN

Eye

()

Optic nerve

Eyeball

[]

Fibrous tunic

Sclera

[]

Lamina episcleralis

Substantia propria

Lamina fusca

Melanocyte

Area cribrosa

Anulus of sclera

Cornea	[]	
Epithelium		
Bowman's membrane		(Bowman)
Substantia propria [Stroma]		
Descemet's membrane		(Descemet)
Endothelium		
Limbus	가	
Iridocorneal angle		
Pectinate ligament		櫛狀韌帶
Trabecular meshwork		
Vascular tunic	[]	
Choroid	[]	
Melanocyte of choroid		
Suprachoroid lamina		
Perichoroidal space		
Substantia propria		
Tapetum lucidum		
Tapetum fibrosum		
Tapetum cellulosum		
Choriocapillary layer		
Bruch's membrane		

Elastic layer

Fibrous layer

Basal lamina

Ciliary body

Muscle layer

Ciliary muscle

Meridional fibers

Radial fibers

Circular fibers

Vascular layer

Ciliary portion of retina

Pigment epithelium

Nonpigment epithelium

Iris

[]

Granulum iridicum

Stroma

Nonvascular layer

Vascular layer

Sphincter of pupil

Iridial portion of retina

Myopigmentocyte of iris

Dilator of pupil

Pigment epithelium

Pigment cell

Innermost tunic [] []

Retina []

Blind portion of retina

Iridial portion of retina

Ciliary portion of retina

Ora serrata

Optical portion of retina

Pigment layer

Pigment cell

Nervous layer

Photoreceptor layer

Rod cell

Inner segment

Cilium

Outer segment

Membranous disc

Cone cell

Inner segment

Cilium

Outer segment

Membranous disc

Outer limiting membrane

Outer nuclear layer

Neurosensory cell body

Preterminal process

Outer plexiform layer

Rod spherule

Cone pedicle

Inner nuclear layer

Horizontal cell

Bipolar cell

Preterminal process

Amacrine cell

Muller cell

Radial process

Inner plexiform layer

Ganglion cell layer

Multipolar neuron

Nerve fiber layer

Protoplasmic astrocyte

Inner limiting membrane

Lens

Central fiber

Transitory fiber

Principal fiber

Lens epithelium

Lens capsule

Lens radius

Lens suture

Ciliary zonule

Zonular fiber

Zonular space

Eye chambers

Anterior chamber

Posterior chamber

Vitreous cavity

Vitreous body

Hyaloid canal

Accessory organs of eye

Eyelid

Cilium

Tarsal [Meibomian] gland

Ciliary gland of Moll

Sebaceous gland

Conjunctiva

[]

Epithelium

Conjunctival gland

Subconjunctival tissue

Palpebra tertia [Membrana nictitans]

[]

3

Cartilage

Superficial gland

Deep gland

Aggregated lymphatic nodule

Lacrimal apparatus

", "

Lacrimal gland

Stroma

", "

Parenchyma

Secretory cell of lacrimal gland

Myoepithelial cell

VESTIBULOCOCHLEAR ORGAN

Internal ear

[]

Membranous labyrinth

Vestibular labyrinth

Endolymphatic space

Hair cell

Type I hair cell

Type II hair cell

Supporting cell

Macula sacculi

Macula utriculi

Otolithic membrane

Otoconia

Ampulla of semicircular duct

Crista ampullaris

Cupula

Planum Semilunatum

Semicircular duct

Endolymphatic duct

Endolymphatic sac

Perilymphatic duct

Perilymphatic trabecula

Cochlear labyrinth

Endolymphatic space		
Cochlear duct		
Inner wall of cochlear duct		
Foramen nervosum		
Spiral limbus	가	
Tympanic lip	가	
Inner spiral sulcus		
Vestibular lip	가	
Auditory teeth		
Interdental cell		
Tectorial membrane		
Outer wall of cochlear duct		
Spiral ligament	[]	
Crista basilaris		
Outer spiral sulcus		
Spiral prominence		
Vas prominens		
Stria vascularis		
"Vestibular wall [Vestibular membrane, Reissner's membrane]"		[] []
Tympanic wall [Spiral membrane]	[]	
Basilar membrane		

Pars arcuata

Pars pectinata

Vas spirale

Spiral organ

Inner sustentacular cell

Border cell

Inner hair cell

Inner spiral fasciculus

Inner phalangeal cell

가

Inner pillar cell

Inner tunnel

Radial fiber

Spiral fiber

Outer pillar cell

Nuel's space

Outer hair cell

Outer spiral fasciculus

Outer phalangeal cell of Deiters

가

Phalangeal process

가

Outer tunnel

Hensen's cell

Outer sustentacular cell

Reticular membrane

Tectorial membrane

Perilymphatic space

Scala vestibuli

Scala tympani

Helicotrema

Bony labyrinth

Vestibule

Fenestra vestibularis [Oval window]

[]

Semicircular canal

Cochlea

Fenestra cochlearis [Round window]

[]

Modiolus

Spiral canal

Spiral ganglion

Spiral fasciculus

Longitudinal canal

Cochlear division of vestibulocochlear nerve

Spiral lamina

Middle ear

↗ []

Tympanic cavity

Tunica mucosa

Secondary tympanic membrane

Tympanic membrane

[]

Mucous layer

Cutaneous layer

Fibrocartilaginous anulus

Pars flaccida

Pars tensa

Circular layer

Radial layer

Auditory ossicle

Auditory tube

[]

Tunica mucosa

Ciliated cell

Goblet cell

[]

Gland of auditory tube

Cartilage of auditory tube

Aggregated lymphatic nodule

Diverticulum of auditory tube

External ear

[]

Ceruminous gland " , "

Sebaceous gland

OLFAC TORY ORGAN

Olfactory mucosa

Olfactory epithelium

Olfactory cell

Dendrite が

Olfactory vesicle が

Cilium

Axon [Olfactory nerve fiber] []

Sustentacular cell

Basal cell

Olfactory gland

Vomeronasal organ

Vomeronasal duct

Vomeronasal cartilage

Vomeronasal mucosa []

Olfactory mucosa

GUSTAT ORY ORGAN

Taste bud

Taste pore

Taste cell

Microvillus

Sustentacular cell

Basal cell

Subgemmal nerve plexus

Gustatory nerve fiber

COMMON INTEGUMENT

Skin

[]

Epidermis

Horny layer

Disjuncted layer

Horny scale

Squamous cell

Clear layer

Squamous cell

Granular layer

Squamous cell

Keratohyaline granule

Lamellar granule

가

Spinous layer

가

Spinous cell

Tonofibril

Tonofilament

Macula adherens [Desmosome]

()

Basal layer

()

Basal cell

Melanocyte

Premelanosome

Melosome [Melanin granule]

[]

Melanophore

Intra-epidermal macrophage

Merkel's cell

Merkel

Dermis

Papillary layer

Papilla

Reticular layer

Intrapapillary capillary loop

Subpillary arterial network

Dermal arterial network

Superficial subpapillary venous plexus

Deep subpapillary venous plexus

Deep dermal venous plexus

Deep cutaneous lymphatic capillary network

Subepidermal nerve plexus

Dermal nerve plexus

Cutaneous nerve terminal

()

Hair

()

Apex of hair

Shaft of hair

Root of hair

Bulb of hair

Neck of hair bulb

Cavity of hair bulb

Medulla of hair

Polyhedral cell

Trichohyaline granule

Tonofibril

Tonofilament

Melanin granule

Cortex of hair

Melanin granule

Cuticle of hair

Cuticular cell

Hair follicle

Neck of hair follicle

Base of hair follicle

Canal of hair follicle

Epithelial root sheath

Inner epithelial root sheath

Cuticle of root sheath

Cuticular cell

Huxley's layer

Henle's layer

Outer epithelial root sheath

Basement membrane

Dermal root sheath

Inner circular layer

Outer longitudinal layer

Hair papilla

Neck of papilla

Hair matrix

Matrix cell

Melanophore

Melanocyte

Arrector pili muscle	(立毛筋)
Tactile hair	
Sinus of hair follicle	
Complex follicle	
Primary hair follicle	
Secondary hair follicle	
Club hair	
Capillary network of hair papilla	
Capillary network of dermal root sheath	
Circular nerve plexus	
Subcutaneous tissue	
Adipose layer	
Subcutaneous venous plexus	
Subcutaneous lymphatic plexus	
Subcutaneous lymphatic capillary network	
Subcutaneous nerve plexus	()
Nail	[]
Body	" [,]"
Lunula	
External surface	
Internal surface	

Horny layer	
Nail bed	
Crest	
Groove	
Germinal layer	[]
Spinous layer	↗
Basal layer	
Dermis	
Dermal crest	
Dermal groove	
Matrix	
Crest of matrix	
Groove of matrix	
Sinus	
Hyponychium	[]
Eponychium	[]
Wall	
Lateral wall	↗
Posterior wall	
Cutaneous gland	
Aporcrine sweat gland	

Terminal portion
Alveolus " , "
Exocrine cell
Fusiform myoepithelial cell
Duct of sweat gland
Eccrine sweat gland
Terminal portion
Alveolus " , "
Aacinus " , "
Light cell
Dark cell
Fusiform myoepithelial cell
Duct of sweat gland
Pore of sweat gland
Holocrine sebaceous gland
Pilosebaceous unit
Sebaceous follicle
Glandular saccule
Sebaceous cell
Duct of gland
Mamma []

Adipose layer
Fibrous layer
Mammary gland
Lobe
Lobule
Interlobular septum
Glandular alveolus
Milk secreting cell
Fat droplet
Protein granule
Stellate myoepithelial cell
Lactiferous alveolar duct
Collecting lactiferous duct
Lactiferous sinus
Glandular part
Anular fold of mucosa
Papillary part
Mammary papilla []
Papillary duct
Papillary sphincter
Papillary pore

Areola

Areolar gland

Intralobular lymphatic network

Interlobular lymphatic network

Interlobular nerve plexus

Parapapillary nerve plexus

REPRODUCTION

General Terms

Mode of reproduction

Asexual reproduction

Budding

Cleavage

Fragmentation

Polyembryony

Strobilation

가

Sexual reproduction

Oviparity

Ovoviparity

Viviparity

Autogamy

가

가

Isogamy

Heterogamy

Androgenesis

[]

Gynogenesis

[]

Parthenogenesis

Natural parthenogenesis

Artificial parthenogenesis

Facultative parthenogenesis

Process of reproduction

Gametogenesis

Mitosis

Meiosis

Spermatogenesis

Ovogenesis

Male reproductive cycle

Female reproductive cycle

Ovulation

Insemination

Fertilization

Zygosis

Morphogenesis

Cleavage

Gastrulation

Neurulation

Embryogenesis

Metamerism

Branchiomericism

가

Organogenesis

Induction

Differentiation

Histogenesis

Cytogenesis

Pedogenesis

Pedomorphosis

Neoteny

Dysmorphia

Types of dysmorphia

Dysmorphogenesis

Cause

Process

Ontogenesis

Cycle of ontogenesis

Prenatal period

Preembryonic period

Conception

Fertilized ovum

Conceptus

Embryonic period

Embryo

Primordium

Bud

Fetal period

Fetus

Parturition

Partus

Postnatal period

Infancy

Puerility

Puberty

Juvenile period

Maturity

Female reproductive cycle

Ovarian cycle

Ovogenetic phase

Follicular phase

Luteal phase

()

Involutional phase

Menstrual cycle

Ovulatory type

Follicular phase

Luteal phase [Progestational phase]

()

Ischemic phase

Menstrual phase

Menses

Postmenstrual phase

Anovulatory type

Amenorrhea

Menarche

Climacteric

Menopause

Estrous cycle

Proestrus

Estrus

Metestrus

Diestrus

Anoestrus

Vaginal cycle

Phase of incornification

Phase of cornification

Phase of desquamation

Pregnancy [Gravidity]

General Terms

Conception

Conceptus

Abortion

Parturition

Partus

Parity

Primiparity

Multiparity

Nulliparity

Puerperium

Gestation

Monoembryonic gestation

Diembryonic gestation

Polyembryonic gestation

Interstitial pregnancy

Conceptus age

Menstrual age

Ovulation age

Coitus age

[]

Fecundation age

Gestational age

Gestational period

Perinatal period

Neonatal period

Mammary cycle

Inactive phase

Proliferative phase

Lactation

Colostral phase

Lactiferous phase

Involutional phase

Male reproductive cycle

Libidinous period

Testicular phases

[]

Fetal period

Infancy

Prepuberty

[]

Puberty

Maturity

Senility

Spermatogenic cycle

Testicular involution

[]

GAMETOGENESIS

MITOSIS

Primordial germ cell

Cell cycle

Mitotic period

[M]

Mitotic cell

Mitotic nucleus

Intermitotic period

Intermitotic cell

Intermitotic nucleus

G0 phase

[G0]

G1 phase

[G1]

S phase

[S]

G2 phase

[G2]

Mitotic cycle

Cytokinesis

Nucleokinesis

Prophase

Dense glomus

Loose glomus

[]

Metaphase

Equatorial plate

Anaphase

Telophase

Cytoplasmic constriction

Intermediate body

Residual spindle

Residual body

Mitotic apparatus

Polar radiation

Daughter centriole

Mitotic spindle

Spindle apparatus

Spindle microtubule

Chromosomal microtubule

Continuous microtubule

Equator of spindle

Multipolar mitosis

Diaster

Aster

Amitosis

Chromosome

Arm of chromosome

Centromere [Kinetochore]

[] " , "

Centromerus comitans

" , "

Spherule of centromere

[]

Chromonema

Euchromatic part

Heterochromatic part

Central heterochromatic part

Chromomere

Matrix of chromosome

Metacentric chromosome

Submetacentric chromosome

Acrocentric chromosome

Telocentric chromosome

Monocentric chromosome

Dicentric chromosome

Polycentric chromosome

Chromatid

Telomere

Chromosomal satellite

Chromatin fiber of satellite

Satellite chromosome

Autosome

Sex chromosome

X-chromosome

[X] X-

Y-chromosome

[Y] Y-

Nucleolar chromosome

" , "

Heterosome

Mother chromosome

Daughter chromosome

MEIOSIS

Nuclear phenomena

Maturation division

Equal division

Reduction division

Prereduction division

Postreduction division

Diploid primary gametocyte

First meiotic devision

Prophase I

Proleptotene phase

Proleptotene

Leptotene phase

가

Leptotene

가

Synaptic phase

Synapsis

Zygotene phase

Zygotene

Conjugation

Decussation

Pachytene phase

Pachytene

Diplotene phase

Chiasma

Diakinesis

Bivalent

가

Prometaphase I

Metaphase I

Anaphase I

Telophase I

Interkinesis

Haploid secondary gametocyte

Second meiotic division

Prometaphase II

Metaphase II

Anaphase II

Telophase II

Endomitosis

Haploid gamete

Univalent chromosome

†

Meiotic chromosome

Homologous chromosome

Autosome

Sex chromosome

X-chromosome

[X]

X-

Y-chromosome

[Y]

Y-

Ploidy

Haploidy []

Diploidy

Triploidy

Tetraploidy

Polypliody

Euploidy

Aneuploidy

MATURATION OF GAMETE

Spermatogenesis

Testis []

Tunica vaginalis

Parietal layer

Visceral layer

Tunica albuginea

Tunica vasculosa

Mediastinum testis []

Septum testis ｶ []

Lobule of testis []

Interstitial tissue []

Interstitial cell

Parenchyme of testis []

Convoluted seminiferous tubule	
Spermatogenic epithelium	
Supporting cell [Sertoli cell]	
Intercellular junctional complex	[]
Spermatogenic cell	
Limiting membrane	
Basement membrane	
Myoid cell layer	
Myofibroblast	
Fibrous layer	
Straight seminiferous tubule	
Rete testis	[]
Efferent ductule	()
Wave of spermatogenesis	
Spermatogenic cycle	
Spermatogonia	
Spermatogonia A	A
Intermediate spermatogonia	
Spermatogonia B	B
Primary spermatocyte	
Secondary spermatocyte	

Spermatid

Idiosome

Diplosoma

Golgi complex

Spermiogenesis

Proacrosome

Proacrosomal vesicle

Proacrosomal granule

Acrosome

Acrosomal vesicle

Acrosomal membrane

External acrosomal membrane

Internal acrosomal membrane

Acrosomal contents

Subacrosomal substance

Postacrosomal substance

Acrosomal granule

Chromatoid body

Chromatoid corpuscle

Flagellum

Annulus of flagellum

Cytoplasmic sheath

Equatorial fold

Equatorial ring

Manicula caudalis

Microtubule

Residual body

Spermatozoon [Sperm]

Head

Nucleus

Nuclear vesicle

Nuclear saccule

Pericephalic cytoplasm

Acrosome

Acrosomal membrane

Internal acrosomal membrane

External acrosomal membrane

Acrosomal substance

Acrosomal granule

Perforation

Subacrosomal substance

Postacrosomal substance

Annulus

Implantation fossa

Flagellum [Tail]

[]

[]

Connecting piece

Basal plate

Basis columnaris

Columna striata

Proximal centriole

Distal centriole

Pars media

Axoneme

Central microtubule

Peripheral doublet microtubule

Dense fiber

Mitochondrial sheath

Annulus of flagellum

Principal piece

Axoneme

Dense fiber

Fibrous sheath

Longitudinal column

Rib of fibrous sheath

End piece

Terminal filament

Axoneme

Oogenesis

Ovary

Superficial epithelium

Microvillous cuboidal mesothelial cell

Tunica albuginea

Stroma of ovary

Interstitium of ovary

Cellular connective tissue

Interstitial cell

Cortex of ovary

[]

Primordial follicle

Primary follicle

Secondary follicle

Tertiary follicle

Theca externa

Theca interna

Thecal cell

Basement membrane	
Follicular epithelium	[]
Follicular cell	
Follicular antrum	
Follicular fluid	
Cumulus oophorus	
Zona pellucida	
Oocyte	
Stigma of ovarian follicle	
Corpus hemorrhagicum	
Atretic follicle	
Corpus luteum	()
Corpus luteum of menstruation	()
Corpus luteum of pregnancy	()
Lutein cell	()
Granular lutein cell	()
Theca lutein cell	()
Corpus luteum in regression	()
Corpus albicans	()
Medulla of ovary	[]
Medullary cord	

Interstitial cell

Rete ovarii

Tubulus medullaris

Oogonium

Primary oocyte

Animal pole

Vegetal pole

Secondary oocyte

First polar body

Ovulated ovum

Envelopes

Corona radiata

Zona pellucida

First polar body

Perivitelline space

Vitelline membrane

Ovoplasm

Ovolemma

Cortex

Cortical granule

Deuteroplasm

Nucleus of ovum	
Form of ovum	
Miolecithal ovum	
Oligolecithal ovum	
Centrolecithal ovum	
Cleidoic ovum	
Ectolecithal ovum	
Isolecithal ovum	[]
Mesolecithal ovum	
Megalolecithal ovum	
Telolecithal ovum	[]
PRE-EMBRYONIC PERIOD	
Maturation of gamete	
Ovulation	
Uniovular ovulation	
Multiovular ovulation	
Spontaneous ovulation	
Induced ovulation	
Superovular ovulation	
Ovulated ovum	
"Secondary oocyte, Metaphase II"	" , " , "

Envelope

Copulation

Coitus

[]

[]

Efficient coitus

Interrupted coitus

Reserved coitus

Ejaculation

Semen

Insemination

Fertilization

Spermatic way

Penetrative way

Copulative way

Penetration of sperm

Fertilization cone

Acrosomal filament

Perforation

Vitelline membrane

Fertilization membrane

Perivitelline space

Perivitelline liquor

Micropyle	[]
Monospermia	
Dispermia	
Polypermia	
Fertilized ovum	
First polar body	
Second polar body	
Male pronucleus	[]
Female pronucleus	[]
Spermatic aster	
Zygosis	
Zygote	
Zygotic nucleus	
Cleavage	
Asymmetric cleavage	
Bilateral cleavage	
Radial cleavage	
Spiral cleavage	
Right spiral cleavage	
Left spiral cleavage	
Holoblastic cleavage [Total cleavage]	

Equal cleavage

Unequal cleavage

Meroblastic cleavage

Discoidal cleavage

Superficial cleavage

Determinant cleavage

Indeterminant cleavage

Cleavage plane

Equatorial cleavage plane

Latitudinal cleavage plane

Meridional cleavage plane

Cleavage nucleus

Cleavage way

Blastomere

Macromere

Mesomere

Micromere

Compaction

Morula

Blastocyst

Unilaminar blastocyst

Trophoblast

Blastocystic cavity

Inner cell mass [Embryoblast]

[]

Bilaminar blastocyst

Bilaminar omphalopleura

Trophoblast

Extraembryonic hypoblast

Embryonic mass

Epiblast

Hypoblast

Primary yolk sac [Primary vitelline sac]

Trilaminar blastocyst

Amnioblast

Primary amnion

Amniotic cavity

Embryonic disc

Embryonic ectoderm

Embryonic endoderm

Extraembryonic mesoderm

Trophoblastic mesoderm

Extraembryonic endoderm

Primary yolk sac [Primary vitellin sac]

Proximal part

Distal part

Exocoelomic membrane

Trophoblast

Cytotrophoblast

Syncytiotrophoblast

Secondary yolk sac [Secondary vitelline sac]

Blastula

Blastocoel

Stereoblastula

Discoblastula

Marginal zone

가

Coeloblastula

MORPHOGENESIS

Gastrulation

Arrangement of germinal layer

[]

Mode of morphogenesis

Ingression

Immigration

Invagination

Involution

Epiboly

Plug

Convergence

Elongation

Delamination

Gastrula

Blastopore

[]

Blastopore lip

Dorsal lip

가

Lateral lip

Ventral lip

Yolk plug

Archenteron

Germinal layer

[]

Subgerminal cavity

[]

Epiblast

Mesoblast

Chordamesoderm

Mesoderm

Mesenchyme

Mesodermal mesenchyme
Ectodermal mesenchyme
Endodermal mesenchyme
Ectoderm
Neurectoderm
Endoderm
Prochordal plate
Avian embryonic disc
Opaque area []
Area pellucida []
Formative area []
Embryonic disc
Oropharyngeal membrane [Buccopharyngeal membrane]
Prochordal plate
Cardiogenic area
Primitive streak
Primitive streak
Primitive node
Primitive pit
Notochordal process
Notochordal canal

Notochordal plate	
Embryonic ectoderm	
Intraembryonic mesoderm	
Embryonic endoderm	
Roof of vitelline [yolk] sac	
Cloacal membrane	
Connecting stalk	[]
Allantoenteric diverticulum	
Neurulation	
Initial period of neural groove	
Neureneric canal	
Neural plate	
Neural groove	
Neuroectodermal junction	
Paraxial mesoderm	
Intermediate mesoderm	
Lateral plate mesoderm	가
Cardiogenic mesoderm	
Transverse septum	가
Somatopleuric part	
Splanchnopleuric part	

Cephalic mesoderm

Notochord

Period of mature neural groove and immature somite

Neural fold

Cephalic fold

Caudal fold

Lateral corporal fold

가

Umbilical hiatus

[]

Segmental zone

()

Somite

Cardiac prominence

Optic groove

Otic placode

Neurula

Neural plate

Neural fold

Germinal layer

[]

EMBRYONIC PERIOD

Period of neural tube

Anterior neuropore

Posterior neuropore

Optic fovea			
Otic fovea			
Cardiac primordium			
Stomodeum			
Oropharyngeal membrane			
First pharyngeal arch	[가]	()	
Maxillary prominence			
Mandibular prominence			
First pharyngeal cleft	[가]	()	
Second pharyngeal arch	[가]	()	
Initial period of pharyngeal arch		()	
Frontonasal prominence			
Prosencephalic prominence			
Optic vesicle			
Mesencephalic prominence			
Mesencephalic flexure			
Rhombencephalic prominence			
Otic vesicle			
Cervical flexure			
Crest of spinal cord			
Pharyngeal arch (I-VI)	[가] (-)	()(-)	

Pharyngeal cleft (I- IV)	[가] (-)	()(-)
Cardiac prominence		
Tail bud		
Final period of branchial arch		
Nasal placode		
Lens placode		
Hepatic prominence		
Mesonephric prominence		
Upper limb bud		
Umbilical ring	[]	
Tail		
Mesoderm of the period of branchiogenesis	[]	
Paraxial mesoderm		
Somite		
Dermomyotome		
Dermatome		()
Myotome		
Prochordal myotome		
Parachordal myotome		
Epaxial part		
Hypaxial part		

Sclerotome

Intermediate mesoderm

Lateral plate mesoderm

가

Somatic (Parietal) mesoderm

Somatopleura

Splanchnic (Visceral) mesoderm

Splanchnopleura

Pharyngeal mesoderm

[가]

]

[]

Mesoderm of limb buds

Dorsal mass

Ventral mass

Mesenchyme

Initial period of limb buds

Optic cup

Fovea of lens

Frontonasal prominence

Medial nasal prominence

Nasal pit

Lateral nasal prominence

가

Median nasal process

Limb bud

Upper limb	
Lower limb	
Proaxial margin	가
Postaxial margin	가
Dorsal surface	
Ventral surface	
Proximodistal axis	
Axial artery	
Marginal sinus	가
Apical ectodermal ridge	
Late period of limb buds	
Telencephalic prominence	
Cephalic flexure	
Mesencephalic prominence	
Pontine flexure	
Rhombencephalic flexure	
Metencephalic prominence	
Myelencephalic prominence	
Cervical flexure	
Lens vesicle	
Spiracle	

Auricular tubercle

Opercular fold

Cervical sinus

Primitive hand plate

Primitive foot plate

Genital tubercle

External cloacal fovea

Mammary ridge

Period of labial fissure

Forehead

Nose

" , "

Naris

Nasomaxillary groove

Premaxilla

Maxilla

Mandible

Oral orifice

Three parted limb

Arm

Forearm

Primitive hand

Thigh

Primitive leg

Primitive foot

Digital primordia

가 ()

Digital primordia

가 ()

Flexure of limb

Genital eminence

Genital tubercle

Urogenital fold

Urogenital groove

Proctodeum [Anal pit]

FETAL PERIOD

Initial fetal period

Palpebral fold

Auricle

Finger

가

Toe

가

Primordial finger

가

Primordial toe

가

Definitive finger

가

Definitive toe

가

Cranial venous plexus

Penis

Urogenital groove

Labium minor

Labium major

Scrotal eminence

Anogenital raphe

Perineal body

Anus

Definitive fetal period

HISTOGENESIS

Ectoderm

Epidermis

Simple cuboidal epithelium

Stratified cuboidal epithelium

Periderm

Epidermis proper

Stratified squamous epithelium

Cornification

Derivation

Epithelium of neural tube (Neurectoderm)

()

Ependymoblast

Spongioblast

Glioblast

Myelination

Neuroblast

Apolar neuroblast

Unipolar neuroblast

Bipolar neuroblast

Multipolar neuroblast

Process formation

Dendrite formation

가

Growth cone

Neuron

[]

Tissue of neural crest (Mesectoderm)

()

Segments of neural crest

Craniospinal ganglia

Neuroblast

Chromaffinoblast

Neurilemmoblast

Myelination

Ganglionic glioblast

Melanoblast

Chondroblast

Odontoblast

Mesenchyme of the head

Sensory epithelium

Neural placode

Contractile epithelium

Myoepithelium

Sphincter pupillae muscle

Dilator pupillae muscle

Glandular epithelium

Epithelium of stomodeum

Ameloblast

Salivary glands

Epithelium of anal pit

Mesoderm

Endothelium

Mesothelium

Mesodermal epithelium

Glandular epithelium

Epithelioid tissue

Mesenchyme

Angioblast

Myeloid tissue

Hemocytoblast

Lymphoid tissue

Lymphoblast

Fibroblast

Fibrillogenesis

Lipoblast

Chondroblast

Osteoblast

Osteoid substance

Osteoclast

Odontoblast

Myoblast

Myofibrillogenesis

Mononuclear stage

Smooth muscle

Cardiac muscle

Skeletal muscle

Multinuclear stage

Skeletal muscle

Myotubes

Conducting tissue of heart

Conducting fiber

Cardiac node

Nephrogenic cord

Renal tubules

Transitional epithelium

Endoderm

Epithelium

Ciliated epithelium

Glandular epithelium

Simple epithelium

Simple squamous epithelium

Simple cuboidal epithelium

Simple columnar epithelium

Pseudostratified epithelium

Stratified epithelium

Stratified squamous epithelium

Keratinized stratified epithelium

Transitional epithelium

Neurosensory epithelial cell

Primordial germ cell

()

ORGANOGENESIS

SKELETAL SYSTEM

Primary bone development

Chordogenesis

Chondrogenesis

[]

Blastemal mesoderm

Procartilage

Embryonic cartilage

Perichondrium

Chondrogenic layer

Chondrification center

Proliferative state

Appositional growth

↗

Interstitial growth

Hypertrophic type

Calcified hypertrophic type

Membranous bone development

Cellular membrane

Ossification center

Sponge bone

Periosteum

()

Osteogenic layer

Sponge bone

Compact bone

Cartilaginous ossification

Perichondral ossification

Perichondrium

Osteogenic layer

Perichondral bone

Ossification ring

Ossification groove

Endochondral ossification

Calcified cartilage

Primary osteogenic bud

Primary osteogenic irruption

Primary ossification center

Differentiation zone

Primary sponge bone

Secondary sponge bone

Primary medullary cavity

Cartilage canal of blood vessel

Secondary osteogenic bud

Secondary ossification center

Primary bone

Interwoven bone

Sponge bone

Immature compact bone

Primary osteon

Secondary bone

Definite compact bone

Lamella of bone

Circumferential lamella

Concentric lamella

Secondary osteon

Bone marrow

AXIAL SKELETON

Notochord

[]

Notochordal sheath

Nucleus pulposus

Sclerotome

Caudal part

Vertebra

Blastema of vertebra

Center

Neural process

Costal process

Cartilaginous vertebra

Bony vertebra

Center

Vertebral arch

Spinous process

가

Transverse process

가

Articular process

Rib

Blastema of rib

[]

Cartilaginous rib

Bony rib

Rostral part

Intervertebral disc

Dura mater

Sternal mesoderm

Episternal cartilage

Sternal cartilage

Sternebra

Xiphoid process

Cranium

Desmocranum

Osteocranum

Chondrocranium

Nasal capsule

Ethmoidal cartilage

Otic capsule

Petrosal cartilage of temporal bone

Occipital sclerotome

Parachordal cartilage

Occipital cartilage

Supraoccipital part

Exoccipital part

Basioccipital part

Sphenoid cartilage

Basisphenoidal part

Hypophyseal part

Alisphenoidal part

Pterygoid hamulus
Trabecular cartilage
Neurocranium
Primitive meninges ()
Meninges ()
Precranial capsule
Ossification center
Calvaria
Fontanelle
Visceral cranium
Pharyngeal arch [Branchial arch] [가]
First arch
Dorsal part [Maxillary process] []
Quadrata cartilage
Incus
Maxilla (Membranous ossification)
Lacrimal bone
Nasal bone
Palatine bone
Zygomatic bone
Pterygoid process

Greater wing of sphenoid bone

Ventral part

Mandibular cartilage [Meckel's cartilage]

Mental ossicle

Lingula of mandible

Sphenomandibular ligament

Sphenoidal process

Anterior sphenomalleolar ligament

Malleus

Mandible

Second arch

Dorsal part

Tympanohyoid cartilage

Stapes

Stylohyoid cartilage

Styloid process of temporal bone

Epihyoid cartilage

Stylohyoid ligament

Ventral part

Ceratohyoid cartilage

Lesser horn of hyoid bone

Basihyoid cartilage

Superior body of hyoid bone

Third arch (III)

Ventral part

Cartilage

Greater horn of hyoid bone

Inferior body of hyoid bone

Fourth arch

Fifth arch

Ventral parts

Epiglottic cartilage

[]

Thyroid cartilage

Sixth arch

Ventral part

Arytenoid cartilage

Cricoid cartilage

APPENDICULAR SKELETON

Blastema of skeleton

Cartilaginous skeleton

Diaphysis

Metaphysis

Epiphyseal plate

Bony skeleton

Articulations

Chondrogenic zone

Cartilaginous epiphysis

Articular cartilage

Avascular interzone

Articular cavity

Peripheral zone

Intra-articular structure

Primordial synovial layer

Articular capsule

Primordial accessory ligament

MUSCULAR SYSTEM

MYOGENESIS

Paraxial mesoderm

Myotome

Prochordal myotome

Primordium of ocular muscles

Occipital myotome

Primordium of lingual muscles

Spinal myotome	
Epaxial part	
Primordium of spinal extensor muscles	
Hypaxial part	
Unisegmental muscle	
Multisegmental muscle	
Cervical region	
Primordium of sequential muscles	
Sternocleidomastoid muscle (partial)	()
Trapezius muscle (partial)	()
Geniohyoid muscle	
Infrahyoid muscles	
Prevertebral muscles	
Scalene muscles	
Pectoralis muscles	가
Diaphragm	가
Primordium of upper limb bud	
Primordium of dorsal muscles	
Primordium of ventral muscles	
Thoracolumbar region	
Primordium of sequential muscles	

Intervertebral muscles

Flexor spinales

Muscles of anterior abdominal wall

Primordium of lower limb bud

Primordium of dorsal muscles

Primordium of ventral muscles

Sacrococcygeal region

Pelvic diaphragm (partial)

가 ()

Intermediate mesoderm

Smooth muscles of urogenital duct

Lateral plate mesoderm

가

Branchiomeric mesoderm

가

Primordium of pharyngeal muscles

First arch

Muscles of mastication

Tensor tympani muscle

Tensor velli palatini muscle

Anterior belly of digastric muscle

Second arch

Facial muscles

Stapedius muscle

Posterior belly of digastric muscle

Stylohyoid muscle

Auricular muscles

Third arch

Stylopharyngeal muscle

Fourth arch

Cricothyroid muscle

Sixth arch

Laryngeal muscles

Accessory nerve

Cranial part

Pharyngeal muscles

Palate muscles

Spinal part

Sternocleidomastoid muscle

Trapezius muscle

Somatic mesoderm

Cloacal sphincter (most)

()

Primordium of external anal sphincter muscles

Primordium of urogenital sphincter muscles

Splanchnic mesoderm

Muscles of alimentary canal

Muscles of respiratory tract

Cardiac muscle

Muscles of urinary tract

Muscles of genital tract

Muscles of blood vessel

DIGESTIVE SYSTEM

Primordia

Primitive vitelline sac

Proximal vitelline part

Distal vitelline part

Prechordal plate

Stomodeum

Foregut

Midgut

Hindgut

Anal pit [Proctodeum]

Oral Cavity

[]

Stomodeum

Frontonasal prominence

Maxillary prominence

Mandibular prominence

Oropharyngeal[Buccopharyngeal] membrane

Hypophyseal sac [Rathke's pouch]

Adenohypophysis [Anterior hypophyseal lobe]

[]

Pars distalis

Pars tuberalis

Residual lumen

Pars intermedia

Pars pharyngealis

Primordium of palate

Primordium of vestibule

Median palatine process

Premaxilla (Primary palate)

[]

Incisive foramen

Lateral palatine process

↗

Palate proper

Labiogingival tenia [Frenulum]

Labiogingival groove

Vestibule

Bud of parotid gland

Lip

Cheek	" , "
Gingiva	
Primordia of tongue	
Distal lingual tubercle	
Medial lingual bud	
Terminal groove	
Proximal lingual tubercle	
Copula	
Taste bud	
Linguogingival groove	
Bud of submandibular gland	
Bud of sublingual gland	
Tooth	" , "
Dental lamina	
Laminar vestigium	
Enamel organ	
Bud stage	
Cap stage	
Bell stage	
External enamel epithelium	
Enamel reticulum	

Internal enamel epithelium

Ameloblast

Enamel prism

Enamel basal lamina

Epithelial root sheath

Root sheath diaphragm

가

Root sheath pore

Dental cuticle

Dental papilla

Dental pulp

[]

Odontoblast

Predentin

Dentin

Dental sac

Cementoblastic plate

Cement

Periodontoblastic plate

Osteoblastic plate

Dental alveolus

Eruptive canal

Deciduous tooth

[]

Permanent tooth	[]
Foregut	
Primitive pharynx	
Pharyngeal arch [Branchial arch]	()
Pharyngeal pouch	
First pouch	
Tubotympanic recess	
Auditory tube	
Tympanic cavity	
Tympanic cells	
Mastoid antrum	
Mastoid cells	
Second pouch	
Supratonsillar fossa	
Third pouch	
Dorsal part	
Bud of inferior parathyroid gland	
Ventral part	
Major thymic bud	†
Fourth pouch	
Dorsal part	

Bud of superior parathyroid gland

Ventral part

Minor thymic bud

가

Fifth pouch

Ultimobranchial body

가

Parafollicular cell [Calcitonin cell]

Thyroid diverticulum

Foramen cecum

Thyroglossal duct

Thyroid gland

Primitive esophagus

Primitive stomach

Primitive duodenum (partial)

()

Hepatic diverticulum [Liver bud]

Hepatopancreatic duct

Hepatic antrum

Common bile duct

Hepatic duct

Hepatic plate

Cystic duct

Gallbladder

[]

Ventral pancreatic bud

Ventral pancreatic duct

Ventral pancreas

Uncinate process

Primitive duct system

Acini

Islets

Dorsal pancreatic bud

Dorsal pancreas

Head

Body

Tail

Dorsal pancreatic duct

Primitive duct system

Acini

Islets

Anastomosis of ducts

Midgut

Duodenum (partial)

[] ()

Intestinal loop

Cranial limb

Caudal limb

Rotation of intestinal loop

Jejunum

[]

Ileum

[]

Vitelline duct

Vestigium of vitelline duct

[]

Cecal bulb

[]

Cecum

[]

Vermiform appendix

[]

Ascending colon

[]

Transverse colon (partial)

가 [가] ()

Hindgut

Transverse colon (partial)

가 [가] ()

Descending colon

[]

Sigmoid colon

[] S

Cloaca

Rectum

[]

Anal canal (partial)

()

Uro-gut

Urogenital sinus

Urinary bladder

Female urethra

Major vestibular gland

Male urethra (most) ()

Prostatic gland (most) ()

Bulbourethral gland

Anal pit [Proctodeum]

Anal canal (partial) ()

Anal membrane

Anus

Coeloms and septa

Extraembryonic coelom

Chorionic cavity

Umbilical coelom

Intraembryonic coelom

Coelomic vesicle

Pericardial coelom

Pericardial cavity

Pericardioperitoneal canal

Pleuropericardial hiatus ｶ

Pleuropericardial fold ｶ

Pleuropericardial membrane ｶ

Pleural cavity	가
Transverse septum	가
Diaphragm	가
Pleuroperitoneal hiatus	가
Pleuroperitoneal fold	가
Pleuroperitoneal membrane	가
Peritoneal coelom	
Peritoneal cavity	
Omental bursa	
Vestibule	
Pneumatoenteric recess	
Hepatogastric recess	
Gastropancreatic recess	
Dorsal recess	
Infracardiac bursa	
Coelomic sinus	
Subphrenic space	가
Vaginal sac	
Scrotal cavity	
Inguinal sac	
Umbilical hiatus	()

Umbilical ring

Mesenteries and peritoneal folds

Primitive dorsal mesentery

Dorsal mesoesophagus

Dorsal mesogastrium

Greater omentum

Phrenicosplenic fold

가

Gastrophrenic fold

가

Gastrolienal fold

Gastrocolic fold

가

Phrenicocolic fold

Dorsal mesoduodenum

Rostral retention bands

Common dorsal mesentery

Mesojejunum

Mesoileum

Mesocolon

Mesorectum

Primitive ventral mesentery

Ventral mesoesophagus

Ventral mesogastrium

Lesser omentum
Hepatogastric fold
Hepatoduodenal fold (partial) ()
Falciform fold
Coronary fold
Triangular fold
Ventral mesoduodenum
Hepatoduodenal fold (partial) ()
Mesocystis
Median umbilical fold
Medial umbilical fold
Urogenital mesentery
Gonadal suspensory fold
Mesorchium
Mesovarium
Urogenital septum
Mesentery of paramesonephric duct
Broad ligament of uterus
Mesosalpinx
Mesometrium
Mesenchyme of gubernaculum

Ligament of ovary proper

Round ligament of uterus

Gubernacular fold

Inguinal fold

Gubernaculum testis

Gubernaculum ovarii

Descent of testis

Descent of ovary

CARDIOVASCULAR SYSTEM

HEART

Splanchnic mesoderm

Cardiogenic mesoderm

Endocardial primordium

Myocardial primordium

Epicardial primordium

Primordial heart

Primordium of sinus venosus

Primordium of atrium

Primordium of ventricular endocardium

Primitive saccular ventricle

Simple tubular heart

Sinus venosus

Primitive atrium

Atrioventricular junction

Primitive ventricle

Primitive cardiac bulb

Primitive endocardium

Cardiac jelly

Primitive myocardium

Primitive epicardium

Mesocardia

Sigmoid heart

s

Sinus venosus

Transverse part

가

Right horn

Left horn

Sinuatrial orifice

Sinuatrial valve

Primitive atrium

Atrioventricular canal

Endocardial eminence

Primitive ventricle

Bulboventricular loop	
Bulboventricular sulcus	
Bulboventricular orifice	
Endocardial eminence	
Bulboventricular valve	
Bulbus cordis	
Bulbar crest	
Spiral septum	
Four chambered heart	
Bulboventricular sulcus	
Arterial cone	
Interventricular sulcus	
Interatrial groove	
Coronary sulcus	
Sinus venosus	
Coronary sinus (partial)	()
Oblique vein (partial)	()
Intervenous tubercle	
Valve of sinus venosus	
Septum spurium	가
Crista terminalis	

Valve of inferior vena cava

Valve of coronary sinus

Primitive atrium

Primary septum

Foramen primum

Foramen secundum

Septum secundum

Foramen ovale

Limbus of fossa ovalis

Right atrium

Left atrium

Venous part

Pectinate muscle

Atrioventricular canal

Endocardial eminence

Atrioventricular valve

Mitral valve [Bicuspid valve]

[]

Tricuspid valve

[]

Bulboventricle

Interventricular septum

†

Interventricular foramen

Muscular part

Membranous part

Trabeculae carneae

Right ventricle

Left ventricle

Semilunar valve

Aortic valve

Pulmonary valve

VASCULAR SYSTEM

Mesenchyme

Angioblastic tissue

Blood island

Endothelioblast

Hemocytoblast

Primitive capillary network

Embryonic circulation

Vascular network

Bilateral phase

Unequal phase

Arteries

Truncus arteriosus

Aorticopulmonary crest
Aorticopulmonary septum
Ascending aorta
Aortic valve
Truncus pulmonaris
Valve of truncus pulmonaris
Aortic sac
Brachiocephalic trunk
Definitive aortic arch (partial) ()
Common carotid artery (partial) ()
First aortic arch
Second aortic arch
Third aortic arch
Common carotid artery (partial) ()
External carotid artery
Fourth aortic arch
Definitive aortic arch
Right subclavian artery (partial) ()
Fifth aortic arch
Sixth aortic arch
Pulmonary artery

Ductus arteriosus	
Ligamentum arteriosum	
Dorsal aorta	
Internal carotid artery	
Right subclavian artery (partial)	()
Definitive aortic arch (partial)	()
Thoracic aorta	가
Abdominal aorta	
Dorsal intersegmental artery	
Dorsal branch	가
Dorsal anastomosis	
Vertebral artery	
Basilar artery	
Ventral anastomosis	
Thyrocervical trunk	
Costocervical trunk	
Ventral branch	가
Subclavian artery	
Right subclavian artery (partial)	()
Left subclavian artery	
Axial artery of the upper limb	

Intercostal artery	
Lumbar artery	
Common iliac artery	
External iliac artery	
Internal iliac artery (partial)	()
Axial artery of the lower limb	
Median sacral artery	
Lateral splanchnic arteries	가
Inferior phrenic artery	가
Suprarenal artery	
Renal artery	
Gonadal artery	
Ventral splanchnic artery	
Vitelline arteries	
Celiac trunk	
Superior mesenteric artery	
Inferior mesenteric artery	
Allantoic artery	
Umbilical artery	
Internal iliac artery (partial)	()
Veins	

Extraembryonic veins

Vitelline vein

Allantoic vein

Umbilical vein

Intraembryonic veins

Umbilical vein

Round ligament of liver

Ductus venosus

Ligamentum venosum

Plexus of visceral veins

Visceral veins

Common pulmonary vein

Vitelline veins

Inferior vena cava (partial)

()

Hepatic portal vein

Hepatic afferent veins

Hepatic efferent veins

Hepatic part of inferior vena cava

Somatic veins

Cardinal vein

Anterior cardinal vein

Primary cephalic vein		
Internal jugular vein		
External jugular vein		
Precardinal anastomosis		
Left brachiocephalic vein		
Right brachiocephalic vein		
Superior vena cava (partial)	()	
Oblique vein		
Common cardinal vein		
Superior vena cava (partial)	()	
Coronary sinus (partial)	()	
Posterior cardinal vein		
Azygos vein (arch)	()	()
Great cardiac vein		
Subcardinal vein		
Adrenal vein		
Gonadal vein		
Inferior vena cava (partial)	()	
Subcardinal anastomosis		
Left renal vein		
Supracardinal vein		

Azygos vein (partial) ()

Hemiazygos vein

Accessory azygos vein

Supracardinal anastomosis

Transverse azygos vein ဂ

Inferior vena cava (partial) ()

Sub-supracardinal anastomosis

Intersegmental veins

Marginal veins of the limb ဂ

Veins of the upper limb

Subclavian vein

Veins of the lower limb

Common iliac vein

LYMPHATIC SYSTEM

Mesenchyme

Lymphoblastic tissue

Lymphatic sacs

Jugular sac

Subclavian sac

Cisterna chyli ဂ

Retroperitoneal sac

Iliac sac

Lymphatic capillary

Lymphatic vessel

Jugular lymphatic duct

Subclavian lymphatic duct

Right duplicated thoracic duct

가

Left duplicated thoracic duct

가

Right bronchomediastinal lymphatic duct

Definitive thoracic duct

가

Lymphaticovenous junction

Primordium of lymph node

Tonsils

Primordium of spleen

Spleen

[]

Thymus

가

Respiratory system

Nose

" , "

Nasal placode

Olfactory placode

Nasal fovea

Nasal sac

Olfactory epithelium	
Vomeronasal epithelium	
Respiratory epithelium	
Frontonasal prominence	
Lateral nasal prominence	가
Medial nasal prominence	
Median nasal process	
Premaxillary region	
Premaxilla [Primary palate]	[]
Oronasal membrane	
Primary nasal septum	
Anterior nasal aperture	
Posterior nasal aperture [Primitive choana]	[]
Secondary nasal septum	
Tectoseptal process	
Definitive posterior nasal nostril [Definitive choana]	
Palatine process [Secondary palate]	[] ()
Turbinate wrinkles	
Respiratory tree	
Hypobranchial eminence	가
Epiglottis	

Laryngotracheal groove

Tracheoesophageal crest

Lateral esophageal crest

↗

Tracheoesophageal septum

Laryngotracheal tube

Larynx

Primitive glottis

Arytenoid tuberosity

Trachea

Pulmonary bud

Primary bronchus

Lobar bud

Bronchopulmonary bud

Fetal lung

Pseudoglandular period

Lobe

Bronchus

Canalicular period

Bronchiole

Respiratory bronchiole

Alveolar period

Alveolar duct

Alveolar sac

Alveolar bud

UROGENITAL SYSTEM

Renal system

Intermediate mesoderm

Nephrotome

Pronephros

Pronephric tubule

Nephrostoma

Nephrostomic canaliculus

Opened nephrostomic canaliculus

Closed nephrostomic canaliculus

External glomerulus

Internal glomerulus

Pronephric duct

Mesonephros

Mesonephric crest

Mesonephric duct

Mesonephric corpuscle

Glomerular capsule

Glomerulus

Mesonephric tubule

Secretory part

Collecting part

Mesonephric fold

Metanephros

Ureteric bud [Metanephric diverticulum]

Ureter

Renal pelvis

Renal calyx

Papillary duct

Collecting tubule

Straight collecting tubule

Arcuate collecting tubule

Metanephrogenic blastema

Renal capsule

Nephron

[]

Renal corpuscle

Glomerular capsule

Glomerulus

Secretory tubule

Proximal convoluted tubule

Loop of Henle

Henle

Distal convoluted tubule

Uriniferous tubule

[]

Nephron

Collecting tubule

Genital system

Gonad

Indifferent stage

Gonadal ridge

Coelomic epithelium

Mesenchyme

Primordial germ cell

Migration

Sexual cord

Germ cell

Ovary

Gonadal ridge

Sexual cord

Oogonia

Coelomic epithelium

Tunica albuginea of ovary

Cortex

Cortical cord

Naked oogonia

Racemus ovarum

Primordial cortical follicle

Follicular cell

Atretic follicle

Medulla

Medullary cord

Medullary follicle

Rete ovarii

Stroma of ovary

Interstitial cell

Cellular connective tissue

Testis

Gonadal ridge

Tunica albuginea of testis

Sexual cord

Spermatogonia

Coelomic epithelium

Seminiferous tubule

Looped seminiferous tubule

Germ cell

Sustentacular cell [Sertoli cell]

Straight seminiferous tubule

Rete testis

Stroma

Mediastinum testis

Septum testis

Interstitial cell

Genital duct

Mesonephric tubule

Epoophoron

Paroophoron

Efferent ductule

Rostral aberrant ductule

Caudal aberrant ductule

Paradidymis

Mesonephric duct

Vesicular appendix

Ductus epoophori

Ductus deferens paravaginalis

Ductus epididymidis

Appendix epididymidis

Ductus deferens

Ampulla of ductus deferens

Seminal vesicle

Ejaculatory duct

Trigon of urinary bladder

Gonadal crest

Paramesonephric groove

Paramesonephric duct

Preinfundibular part

Vesicular appendix

Appendix testis

Infundibular part

Postinfundibular part

Uterine tube [Oviduct] []

Uterovaginal primordium

Uterus

Vagina (partial) ()

Male vagina (partial) ()

Cloaca
Cloacal membrane
Urorectal septum
Rectum []
Primitive urogenital sinus
Vesico-urethral canal
Vesical part
Urethral part
Sinus tubercle
Sinovaginal bulb
Vagina (partial) ()
Hymen
Sino-utricular bulb
Male vagina (partial) ()
Definitive urogenital sinus
Vesical part
Urachus
Median umbilical fold
Pelvic part
Female urethra
Male urethra (partial) ()

Prostatic part of urethra

Buds of prostatic gland

Membranous part of urethra

Penile part

Urethral groove

Cavernous part of urethra

Urethral bulb

Bulbourethral gland

Vestibule of vagina

Greater vestibular gland

Anal pit [Proctodeum]

Anal membrane

Anal canal

Anus

Perineal prominence

Urogenital membrane

Urogenital orifice

Vestibule of vagina (partial)

()

External genitalia

Genital tubercle

Primitive penis

Dorsal part of penis

Dorsal part of clitoris

Coronary groove

Glans penis

Glans clitoris

Lamella of glans penis

Urethra of glans penis

Navicular fossa of urethra

Glandopreputial lamella

Prepuce

Urogenital fold

Labium minor

Ventral part of penis

Definitive urogenital groove

Vestibule of vagina (most)

()

Primitive urethra

Labioscrotal eminence

Labium major

Caudal commissure

Scrotum

Scrotal raphe

NERVOUS SYSTEM

Neurogenesis

Neural plate

Neural fold

Neural groove

Neural crest

Neural tube

Neural canal

Ependymal layer

Mantle layer

Marginal layer

가

Dorsal plate

Epithelium of choroid plexus

Alar plate

Sulcus limitans

Basal plate

Ventral plate

Neuropore

Anterior neuropore

Posterior neuropore

Neuromere

Primitive terminal plate

Brain

White matter

Gray matter

Cerebrospinal fluid

Brain vesicles

Prosencephalon

[]

Prosencephalic cavity

Rhinencephalon

Rhinencephalic cavity

Olfactory bulb

Piriform cortex

Rhinal fissure

Paraterminal area

Primitive hippocampus

Hippocampus

Dentate gyrus

Hippocampal remnant

Fornical system

Telencephalon

[]

Telencephalic cavity

Median part	
Definitive terminal plate	
Commissural plate	
Anterior commissure	
Hippocampal commissure	
Neopallial commissure	
Third ventricle (partial)	()
Cerebral hemisphere	
Lateral ventricle	가
Right lateral ventricle	가
Left lateral ventricle	가
Interventricular foramen	
Epithelium of choroid	
Tela choroidea	
Choroid fissure	
Velum interpositum	
Striate part of hemisphere	
Vestigium of medial striatum	
Vestigium of lateral striatum	가
Globus pallidus	
Paleocortex	

Suprastriate part of hemisphere		
Primitive hippocampus		
Neocortex		
Primary trilaminar cortex		
Definitive stratified cortex		
Diencephalon	[]	
Diencephalic cavity		
Third ventricle (part)	()	3
Tela choroidea		
Pineal bud		
Neurohypophyseal bud		
Mesencephalon [Midbrain]	[]	
Mesencephalic cavity		
Aqueduct of Sylvius		
Mesencephalic flexure		
Rhombencephalon	[]	
Rhombencephalic cavity		
Fourth ventricle		4
Tela choroidea		
Rhomobomere		
Metencephalon	[]	

Pontine flexure
Rhombencephalic lip
Primordium of cerebellum
Bulbopontine extension
Myelencephalon []
Cervical flexure
Spinal cord
Central canal
Dorsal median septum
Ventral median fissure
Filum terminale
Cervical enlargement
Lumbosacral enlargement
Conus medullaris
Neural crest
Segment of neural crest
Craniospinal ganglia
Autonomic ganglia
Chromaffin cell
Medulla of suprarenal gland
Neural placode

Epibranchial placode	가
Suprabranchial placode	가
Dorsolateral placode	가 가
Craniospinal nerve	
Meninges	()
Mesenchyme of sclerotome	
Primitive meninx	()
Ectomeninx	()
Internal periosteal layer	
Craniospinal dura mater	
Neural crest tissue	
Entomeninx	()
Craniospinal arachnoid	
Arachnoid reticulum	
Craniospinal pia mater	
Tela choroidea	
SENSORY ORGAN	
Gustatory organ [Organ of taste]	
Olfactory organ (Organ of smell)	
EYE	
Prosencephalon	[]

Optic recess

Optic vesicle

Optic cavity

Optic stalk

Optic cup

Lip of optic cup

가

External plate of optic cup

Intraretinal space

Internal plate of optic cup

Cavity of optic cup

Choroid fissure [Optic fissure]

Lens placode

Lens fovea

Lens pore

Lens vesicle

Lens cavity

Superficial lens epithelium

Deep lens epithelium

Lens fiber

Lens capsule

Retina

Internal plate of optic cup

Optic part of retina

Ependymal layer

Photosensory layer

Mantle layer

Internal nuclear layer [Bipolar cell layer]

[]

()

Ganglion cell layer

Marginal layer

↗

Nerve fiber layer

Ora serrata

Blind part of retina

Ciliary part of retina

Ciliary epithelium

Iridic part of retina

[]

Posterior pigment epithelium

External plate of optic cup

Pigment layer

Sphincter pupillae

Dilator pupillae

Optic mesenchyme

Vascular layer of lens

Mesenchyme of the vitreous chamber

Lens artery

Hyaloid artery

Hyaloid canal

Vitreous body

Vitreous membrane

Mesenchyme of the aqueous chamber

Epithelium of the aqueous chamber

Aqueous humor

Capsular mesenchyme

Internal layer

Vascular layer of eyeball

Vascular lamina

Pigment lamina

Ciliary muscle

Iridial stroma

[]

Pupillary membrane

External layer [Fibrous layer]

[]

Sclera

Cornea

Accessory organs of eye

Palpebral fold

Eyelid [Palpebrae]

Ectodermal epithelium

Epidermis

Eyelash [Cilia]

Conjunctival epithelium

Bud of palpebral gland

Lacrimal duct

Buds of lacrimal glands

Nasolacrimal crest

Nasolacrimal sac

Nasolacrimal duct

Lacrimal canaliculi

Conjunctival stage of the eyelid

Palpebral conjunctiva

Bulbar conjunctiva

Corneal epithelium

EAR

Internal ear

[]

" , "

Otic placode

Otic fovea

Otic vesicle [Otocyst]

Membranous labyrinth

Vestibular sac

Semicircular plate

Absorption site

Semicircular duct

Utricle

Saccule

Ductus reuniens

Cochlear sac

Cochlear duct

Lagena

Spiral organ [Organ of Corti]

Endolymphatic diverticulum

Endolymphatic duct

Endolymphatic sac

Otic capsule

Otic mesenchyme

Cartilaginous labyrinth

Bony labyrinth

Semicircular canal

Vestibule

Cochlea

Middle ear

γή []

First pharyngeal pouch

1

Second pharyngeal arch

2

Second pharyngeal pouch

2

Tubotympanic recess

Auditory tube

Tympanic cavity

Tympanic cells

Mastoid antrum

Mastoid cells

First pharyngeal membrane

Tympanic membrane

First pharyngeal arch

1

Dorsal cartilage

Incus (most)

()

Ventral cartilage

Malleus (most)

()

Tensor tympani muscle

Second pharyngeal arch

2

Dorsal cartilage	
Stapes(partial)	
Stapedius muscle	
External ear	[]
First pharyngeal cleft	
External acoustic meatus	
First pharyngeal arch	1
Second pharyngeal arch	2
Auricular hillocks	
Auricle	
INTEGUMENTAL SYSTEM	
Ectoderm	
Epidermis	
Periderm	
Intermediate layer	
Basal layer	
Definitive epidermis	
Nail	" , "
Nail	" , "
Nail field	
Nail field	

Nail fold

Nail fold

Nail matrix

Nail matrix

Nail plate

Nail plate

Eponychium

Eponychium

Hyponychium

Hyponychium

Hair

" , "

Hair bud

Hair shaft

Epithelial follicle

Lanugo

" , "

Vellus

Glands

Sweat gland

Sebaceous gland

Mammary ridge

Primary bud

Duct

Alveolus

Mammary gland

Mammary fovea

Nipple

[]

Areolar gland

Vernix caseosa

Melanoblast

Mesoderm

Dermis

Dermal papilla

Dermal sheath of hair

Hair papilla

Base of nail

Base of nail

Glandular stroma

Subcutaneous tissue

FETAL MEMBRANE OF MAMMALIA

Mode and course of progress

Distribution in uterus

Implantation

Definitive site

Orientation

Attachment

Central attachment

Eccentric attachment

Mesometrial attachment

Antimesometrial attachment

Orthomesometrial attachment

Superficial attachment

Interstitial attachment

Affixial radicle

[]

Amniogenesis

Plication

Cavitation

Entypy

Inversion of vitelline sac

Incomplete inversion of vitelline sac

Complete inversion of vitelline sac

Special Terms

Vitelline sac

Unilaminar vitelline sac

Bilaminar vitelline sac
Trilaminar vitelline sac
Splanchnopleura
Vitelline cavity
Vitelline stalk
Vitelline duct
Proamnion
Amnion
Somatopleura
Amniotic cavity
Amniotic duct
Amniotic fluid
Epamnion ()
Epmniotic cavity
Chorion
Chorionic cavity [Extraembryonic coelom] []
Trophoblast
Ectoplacental cone ()
Cytotrophoblast
Syncytiotrophoblast
Allantois

Allantoic cavity

Allantoic stalk

Urachus

Types of placenta

Indeciduate placenta

Deciduate placenta

Contradeciduate placenta

Villous placenta

Trabecular placenta

Labyrinthine placenta

Diffuse placenta

Cotyledonary placenta

Placentome

Fetal cotyledon

Maternal cotyledon

Zonary placenta

Discoid placenta

Non-villous placenta

Avascular placenta

Vitelline placenta

Unilaminar vitelline placenta

Bilaminar vitelline placenta

Trilaminar vitelline placenta

Chorionic placenta

Chorioamniotic placenta

Vascular placenta

Choriovitelline placenta

Inversed vitelline placenta

Incomplete inversed vitelline placenta

Complete inversed vitelline placenta

Chorioallantoic placenta

Interhemal membrane [Placental barrier]

[]

Epitheliochorial membrane

Syndesmochorial membrane

Endotheliochorial membrane

Hemochorial membrane

Hemomonochorial membrane

Hemodichorial membrane

Hemotrichorial membrane

Endothelioendothelial membrane

Hemoendothelial membrane

Anatomy of placenta

[]

Chorioallantoic placenta

Fetal part

Zona intima

Chorioallantoic villi

Allantoic villi

Stem villi

Branching villi

가

Terminal villi

Anchoring villi

Trophoblastic trabeculae

Intervillous space

Trophoblastic tubule

Trophospongium

Absorbing area

Marginal area

가

Disc area

Cupula area

Arcuate area

Vesicular area

Hematoma

Maternal part

Endometrium

Decidua basalis

Uterine gland

Endometrial cupula

Endometrial crypt

Endometrial caruncle

HUMAN FETAL MEMBRANES

Initial appendages

Unilaminar blastocyst

Trophoblast

Inner cell mass (Embryoblast)

[]

Blastocyst cavity

Bilaminar blastocyst

Bilaminar omphalopleura

Trophoblast

Extraembryonic hypoblasts

Embryonic mass

Epiblast

Hypoblast

Primary vitelline sac

Trilaminar blastocyst

Amnioblast	
Primary amnion	
Amniotic cavity	
Embryonic disc	
Embryonic ectoderm	
Embryonic endoderm	
Extraembryonic mesoderm	[]
Trophoblastic mesoderm	
Extraembryonic endoderm	
Primary vitelline sac	
Proximal vitelline sac	
Distal vitelline sac	
Exocoelomic membrane	
Trophoblast	
Syncytiotrophoblast	
Cytotrophoblast	
Immature chorionic sac [Chorionic vesicle]	[]
Chorionic cavity	[]
Definitive amnion	
Amniotic mesoderm	
Amniotic cavity	

Amniotic fluid

Definitive vitelline sac

Vitelline stalk

Vitelline mesoderm

Vitelline vessel

Vitelline vesicle

Chorion

Syncytiotrophoblast

Trophoblastic lacunae

Cytotrophoblast

Chorionic mesoderm

Chorionic vessel

Connecting stalk

Allantoic mesoderm

Amniotic mesoderm

Allantoenteric diverticulum

[]

Umbilical vessel

[]

Chorioallantois

Chorion frondosum

Primary villus

Secondary villus

Tertiary villus

Stem villus

Branching villus

가

Terminal villus

Anchoring villus

Chorionic vessel

Intervillous space

Subchorionic space

Marginal sinus

가

Trophoblastic cortex

Trophoblastic giant cell

Multinuclear giant cell

Uninuclear giant cell

Intravascular giant cell

Chorion laeve

DEFINITIVE FETAL MEMBRANES

Fetal parts

Amnion

Umbilical cord

Mucous connective tissue

Amniotic mesoderm

Allantoic mesoderm		
Vitelline mesoderm		
Right umbilical artery		
Left umbilical artery		
Left umbilical vein		
Vitelline duct		
Allantoenteric diverticulum	[]
Umbilical coelom		
Amniotic epithelium		
Chorioallantois		
Chorion laeve		
Chorioamnion		
Placental disk [Chorion frondosum]	[]
Chorionic plate	[]
Chorionic vessel		
Intervillous space		
Subchorionic space		
Marginal sinus	가	
Cotyledon		
Stem villus		
Branching villus	가	

Anchoring villus

Free villus

Lobule

Terminal villus

Cytotrophoblast

Syncytiotrophoblast

Syncytial knots

Paraplacenta

Chorion laeve

Decidua parietalis

Maternal parts

Basal endometrium

Decidual cell

Decidua basalis

Caruncle

Crypt

Septum

Cellular islands

Uterine gland

Decidua capsularis

Decidua parietalis

Fibrinoid substance

Human placenta

Typical structure

Decidua structure

Discoid structure

Hemochorionic structure

Hemodichorionic structure

Hemomonochorionic structure

Villous structure

Variations of form

Accessory placenta

Annular placenta

Bidiscoid placenta

Bilobar placenta

Circumvallate placenta

Diffuse placenta

Discoid placenta

Double placenta

Fenestrated placenta

Lobar placenta

Lunate placenta

Marginal placenta

가

Membranous placenta

Multilobar placenta

Multiple placenta

Panduriform placenta

Reflex placenta

Reniform placenta

Sartiginiform placenta

Succenturiate placenta

Trilobar placenta

Velamentous placenta

Zonary placenta

Variations of site

Dorsal placenta

Lateral placenta

가

Ventral placenta

Fundic placenta

Cervical placenta

Insertion variations of umbilical cord

Central insertion

Marginal insertion

가

Velamentous insertion

DYSMORPHIA

GENERAL TERMS OF DYSMORPHIA

GENERAL TYPES OF DYSMORPHIA

Abnormality

Amorphia

Anomaly

Cystosis

Dedifferentiation

Anaplasia

Cataract

Fibrosis

Heteroplasia

Metaplasia

Defect

Defectus

Deformity

Dysgenesis

Dysplasia

Dystrophy

Error

Malformation

Monster

Mosaicism

Paraplasia

Polydysplasia

Syndrome

Excessive growth

Abundance

Gigantism

Hyperplasia

Hypertrophy

Neoplasia

[]

Pseudohypertrophy

Redundancy

Teratoma

Insufficient growth

Absence

Agenesis

Amputation

Aplasia

Ateliosis

Atresia
Atrophy
Coarctation
Constriction
Defect
Deficiency
Deletion
Dissolution
Hypomerismus
Hypoplasia
Infantilism
Inhibition
Involution
Nanism ()
Necrosis
Regression
Retardation
Retroplasia
Rudimentum
Crypt state
Subnumerical state

Vestigial state

vestigium

Abnormal position

Aberration

Astrophy

Commutation

Conjunction

Ectasia

Ectopia

Herniation

Heterotopia

Inversion

Malposition

Malrotation

Transposition

Abnormality by infection

Persistence of primordium

Atavism

Cyst

Dilatation

Diverticulum

Imperforation

Retention

Multiplication of organ

Bifurcation

Diplogenesis

Duplication

Hypermerismus

Multilobation

Reduplication

Accessory state

Supernumerical state

Abnormal fusion

Concrescence

Conjunction

Obliteration

Obstruction

Occlusion

Stenosis

Defect of fusion

Exstrophy

Cleavage

Fissure

Fistula

Schistasis

Patency

Septation

Sinus

STAGES IN DYSMORPHOGENESIS

Reproduction errors

Infertility () []

Sterility () []

Prenatal death

Abortion

Resorption

Retention

Retention with calcification

Retention with compression

Retention with mummification

Stillbirth

Congenital defect

Prenatal defect

Postnatal defect

Morphologic defect

Simple morphologic defect

Variation

Malformation

Anomaly

Multiple morphologic defect

Syndrome

Monster

Monstrous tumor

Functional morphologic defect

Congenital metabolic defect

Defect of gametogenesis

Promeiotic defect

Meiotic defect

Chromosomal defect

Genetic defect

Gametic defect

Defect of fertilization

Immature gamete

Senile gamete

Polyspermy

Corrupt zygote
Defect of implantation
Corrupt implantation
Ectopic implantation
Abdominal implantation
Primary abdominal implantation
Secondary abdominal implantation
Ovarian implantation
Tubal implantation
Ampullar implantation
Ostial implantation
Isthmic implantation
Interstitial implantation
Cervical implantation
Defect of fetal membrane
Amniotic defect
Adhesion
Hydramnion
Oligohydramnion
Tenia amniotica
Chorionic defect

Placental deformity
Placental defect
Paraplacental chorionic defect
Umbilical cord defect
Arcuate cord
Strangulation
Amputation
Anomalous vessel
Defect of embryogenesis
Aggregation defect
Canalisation defect
Composition defect
Contents defect
Conjunction defect
Growth defect
Differentiation defect
Cleavage defect
Migration defect
Perforation defect
Plication defect
Retrogression defect

Retroplasia defect

Separation defect

Septation defect

Defected (faulty) embryo

Blastoma

Abortive conceptus

Corruptive conceptus

Local deformity

Simple deformity

Multiple deformity

Dyspraxia

Amorphous embryo

Conjoined twin

Monster

Still birth

Monstrous tumor

Abnormal shape

Total abnormal shape

Subtotal abnormal shape

Fetus

Amorphous fetus

Calcified fetus	
Compressed fetus	()
Fetal inclusion	
Acardiac twin	
Heart defect	
Total heart defect	
Subtotal heart defect	
Conjoined twin	
Symmetric twin	
Parallel symmetric twin	
Transverse symmetric twin	가
Superior junction	
Dorsal superior junction	
Lateral superior junction	가
Ventral superior junction	
Middle junction	
Xiphoid junction	
Sternal junction	
Thoracic junction	가
Thoracoabdominal junction	가
Inferior junction	

Dorsal inferior junction	
Lateral inferior junction	가
Ventral inferior junction	
Asymmetric twin	
Host	
Parasite	
Superior junction	
Cranio-parasitic junction	
Gnatho-parasitic junction	
Middle junction	
Thoracoepigastric parasitic junction	가
Abdominal parasitic junction	
Inferior junction	
Pygo-parasitic junction	
Dwarf	" , "
Achondroplastic dwarf	[]
Ateliotic dwarf	[]
Athyroid dwarf [Cretinism]	
Homunculus	
Giant	
Acromegalic giant	

DYSMORPHOGENESIS

CAUSE

Genetic cause

Chromosomal defect

Modification of karyotype

Chromosomal abundance

Chromosomal deficiency

Numerical aberration of chromosome

Aneuploidy

Heteroploidy

Hyperploidy

Triploidy

Polyplody

Hypoploidy

Monoploidy

Aneusome

Monosomy

Trisomy

Polysomy

Sex chromosome

Monosomy

Trisomy

Autosome

Monosomy

Trisomy

Polysoomy

Mosaicism

Morphological aberration of chromosome

Deletion

Duplication

Fracture

Non-disjunction

Inversion

Isochromosome

Translocation

Anuliform chromosome

Satellite

Genetic defect

Heritable defect

Genomic mutation

Deletion

Duplication

Lethal gene
Mutant gene []
Translocation
Autosomal gene
Dominant autosomal gene
Recessive autosomal gene
Gonosomal gene
Dominant gonosomal gene
Recessive gonosomal gene
Functional cause
Deficiency
Stimulus deficiency
Reaction deficiency
Cytogenetic deficiency
Histogenetic deficiency
Organogenetic deficiency
Abundance
Humoral cause
Deficiency
Abundance
Immune cause (Hemolytic anemia) ()

Infectious cause (Virus)

Environmental cause

Chemical environment

Accidental (Pollution) () ()

Iatrogenic (Thalidomide) () ()

Nutritional (Hypovitaminosis) () ()

Physical environment

Mechanical (Compression) () ()

Radiation (Cosmic ray) ()

Unknown cause

DYSMORPHOGENIC PROCESSES

Deficiency

Functional deficiency

Histogenetic deficiency

Organogenetic deficiency

Reaction deficiency

Secretion deficiency

Sensory deficiency

Amaurosis ()

Anodynia ()

Anosmia

Atactilia

Stimulation deficiency

Synthesis deficiency

Congenital metabolic defect

Metabolic defect of amino acid (Alkaptonuria)	()	()
Metabolic defect of nucleic acid (Purinemia)	()	()
Metabolic defect of carbohydrate (Galactosemia)	()	()
Metabolic defect of minerals (Asiderosis)	()	()
Metabolic defect of pigment (Methemoglobinemia)	()	()
Metabolic defect of steroid (Adrenogenital syndrome)	()	()
Muscular tonic defect (Amyotonia)	()	
Neural defect (Imbecility)	()	
Dystrophy (Intestinal lipodystrophy)	()	
Immune incompatibility (Hemolytic anemia)	()	
Growth abnormality		
Agenesis (Phocomelia)	()	
Atavism (Pulmonary azygos lobe)	()	
Conjunction (Annular pancreas)	()	
Abnormal growth		
Total organism		
Asymmetry (Unilateral hypertrophy)	()	

Amorphia (Amorphous fetus)	()		
Symmetric hypertrophy (Gigantism)	()		
Deficiency (Nanismus)	()		
Hormone deficiency			
Pituitary hormone deficiency (Pituitary dwarfism)	()	()	()
Thyroid hormone deficiency (Cretinism)	()	()	()
Vitamin deficiency (Fetal osteodystrophy)	()	()	()
Formative defect (Aprosopia)	()		
Unit organ			
Local part			
Deficiency			
Agenesis (Anephria)	()		
Atresia (Esophageal atresia)	()		
Hypoplasia (Infantile uterus)	()		
Defect of canalization (Solid lacrimal duct)	()		
Fusion defect			
Persistence of aperture (Urachal fistula)	()		
Persistence of fissure (Spina bifida)	()		
Persistence of patency (Patent ductus arteriosus)	()		
Separation defect (Syndactylia)	(가)		(가)
Septation defect			

Intracardiac septation defect (Cor triloculare) ()

Intracoelomic septation defect (Diaphragmatic hiatus) ()

Abundance

Local gigantism

Hyperplasia

Total hyperplasia (Macrodactyla) (가)

Partial hypertrophy (Pyloric stenosis) ()

Hypertrophy (Megalocardia) ()

Multiplicity of organ

Supernumeral organ (Polymastia) ()

Superlobation (Accessory hepatic lobe) ()

Superpartition (Polydactyla) (가)

Abnormality of organ

Defect

Fusion defect (Cleft palate) () ()

Hormone defect (Hermaphroditism) () ()

Migration defect

Deficiency

Cell deficiency (Aganglionic megacolon) ()

Organ deficiency (Cryptorchidism) ()

Abundance (Labial ovary) ()

Perforation defect (Imperforate anus)	()	()
Plication defect (Schistomyelia)	()	()
Retroplasty defect (Double superior vena cava)	()	()
Synthesis defect (Tyrosinosis)	()	
Duplication		
Unit organ duplication (Supernumeral gonad)	()	()
Partial organ duplication (Bifurcated ureter)	()	()
Total organ duplication (Double ureter)	()	()
Total organism duplication		
Polyembryo		
Conjoined body		
Ectopia		
Hernia Ectopia (Meningocele)	()	
Inverted ectopia (Dextrocardia)	()	
Ectopia of origin (Palatine tooth)	()	
Translocationl ectopia (Retrojejunal colon)	()	
Exstrophy (Everted urinary bladder)	()	
Inversion		
Partial inversion (Aorticopulmonary transposition)	()	
Total inversion (Situs inversus)	()	
Persistence		

Persistence of natural atresia (Imporferate duodenum)	()
Persistence of fetal form (Lobated kidney)	()
Syndrome (Down)	()
Abnormality of tissue	
Abundance	
Integumental abundance (Pigmented nevus)	()
Dermal abundance (Scleroderm)	()
Epidermal abundance	
Stratification abundance (Ichthyosis)	()
Pigmentation abundance (Melanism)	()
Vascular abundance (Vascular nevus)	()
Cartilaginous excrescence (Cartilage nodule)	()
Bony excrescence (Exostosis)	()
Neoplasia	
Nervous tissue (Neuroblastoma)	()
Notochordal tissue (Chordoma)	()
Renal tissue (Nephroblastoma)	()
Ametastasis (Megacolon)	()
Heteroplasia (Renal cartilage)	()
Hypofunction	
Metabolic hypofunction (Diabetes mellitus)	()

Somatic hypofunction (Amyotonia gravis) ()

Deficiency

Intracellular deficiency (Albinism) ()

Cellular deficiency (Acallosal cerebrum) ()

Dysplasia

Ectodermal dysplasia (Anhidrosis) ()

Epidermal dysplasia (Ichthyosis) ()

Neural dysplasia (Amaurotic imbecility) ()

Bony dysplasia

Achondroplasia

Imperfect osteogenesis

Multiple dysplasia (Lipochondrodysplasia) ()

Retroplasia (Chondrocathodia) ()

Abnormality of cell interaction

Absence (Aphakia) ()

Deficiency (Monstrous tumor) ()

Impediment (Phenylketonuria) ()

TERMS OF SPECIAL DYSMORPHIA

Defect of Head

Cranial defect

Acephalia

Cekocephaly

Dicephaly

Hemicephaly

Hydrocephalia

Macrocephalia

Microcephalia

Craniosynostosis

Oxycephalia

Pachycephalia

Plagiocephalia

Scaphocephalia

Schistocephalia [Cephaloschisis]

Tricephalus

Craniopharyngeal canal

Acrania

Hemicrania

Schistocrania [Cranioschisis]

Defect of brain

Anencephaly

[]

Exencephalia

Hydrencephalia

Macrencephalia

Micrencephalia

Agyria

Microgyria

Pachygyria

Polygyria

Encephalocele

Meningocele

Cranial meningocele

Spinal meningocele

Meningoencephalocele

Defect of tongue

Aglossia

[]

Ankyloglossia

Macroglossia

Microglossia

Diglossia

Pachyglossia

Schistoglossia

Defect of jaw

Agnathia

Dignathia

Macrognathia

Micrognathia

Hypognathia

Schistognathia [Gnathoschisis]

Facial defect

Aprosopia

Diprosopia

Schistoprosopia

Oblique facial cleft

Defect of mouth

Astomia

Macrostomia

Microstomia

Defect of nose

Arrhinia

Dirrhinia

Cleft palate syndrome

Defect of lip

Acheilia

Macrocheilia

Schistocheilia [Cleft lip]

Unilateral cleft lip

Bilateral cleft lip

Median cleft lip

Defect of palate

Cleft palate

Bifid uvula

Palatal fissure

Median palatal fissure

Unilateral palatal fissure

Bilateral palatal fissure

Premaxilla

Proboscis

Defect of eye

Anophthalmia

Cryptophthalmia

Cyclopia

Macrophtalmia (Buphthalmia)

Microphthalmia

Ocular hypertelorism

Orbital hypertelorism

Ablepharia

Blepharophimosis

Ankyloblepharon

Dacryostenosis

Conical cornea

Plane cornea

Perforate cornea

Persistence of lens fovea

Aniridia

Coloboma iridis

Polycoria

True polycoria

False polycoria

Persistent pupillary membrane

Congenital glaucoma

Aplasia of lens [Aphakia]

Congenital cataract

Ectopia of lens

Persistence of hyaloid artery

Retinal cyst

Coloboma retinae

Defect of ear

Otocephaly

Ankylotia

Synotia

Microtia

Anotia

Macrotia

Polyotia

Preauricular cyst

Preauricular sinus

Defect of dental apparatus

Anodontia

Hyperdontia

Hypodontia

Polyodontia

Polyphyodontia

Enameloma [Adamantinoma]

Dentigerous cyst

Defect of Neck

Cervical rib

Cervical cyst

Branchial cyst

Thyroglossal cyst

Cervical fistula [Branchial fistula]

Cervical sinus [Branchial sinus]

Pharyngeal sac

Absence of thyroid gland

Accessory thyroid gland

Malposition of thyroid gland

Lingual thyroid gland

Pretracheal thyroid gland

Retrosternal thyroid gland

Defect of vertebral column

Kyphosis

Lordosis

Scoliosis

Kyphoscoliosis

Hemivertebra

Chordoma

Neuroblastoma

Rachischisis of vertebra

Craniospinal fissure

Neural arch fissure

Meningocele

Defect of spinal cord

Amyelia

Diplomyelia

Schistomyelia [Myeloschisis]

Spina bifida

Spina bifida aperta

Spina bifida occulta

Meningocele

Myelocele

Meningomyelocele

Defect of Thorax

가

Defect of heart

Acardia

Diplocardia

Hemicardia

Ectocardia

Dextrocardia

Ectopia cordis

Cor biloculare

Cor triloculare
Cor triloculare biastriale
Cor triloculare biventriculare
Atrial septal defect
Patent oval foramen
Absence of septum primum
Absence of septum secundum
Ventricular septal defect
Patent interventricular foramen
Defect of membranous part
Defect of muscular part
Tetralogy of Fallot
Transposition of aorta
Stenosis of pulmonary trunk
Hypertrophy of right ventricle
Ventricular septal defect
Defect of blood vessel
Coarctation of aorta
Stenosis of pulmonary artery
Patent ductus arteriosus
Double superior vena cava

Coronary artery originating from pulmonary artery

Arteriovenous aneurysm

Hemangioma

Defect of thoracic wall

가

Schistothorax

Sternal foramen

Bifurcated rib

Additional thoracic vertebra

Defect of respiratory tree

Tracheoesophageal fistula

Pulmonary cyst

Multilobation of lung

Azyous lobe

Polycystic lung

Transposition of viscera

Partial transposition

Total transposition

Defect of Abdomen

Defect of alimentary tract

Brachyesophagus

Tracheoesophageal fistula

Thoracic stomach

가

Malrotation of intestine

Abdominal transposition

Retrojejunal colon

Ileal diverticulum [Meckel syndrome]

[]

Patent ileal diverticulum

Fibrous cord

Umbilical fistula

Umbilical gastric mucosa

Congenital volvulus

Congenital intussusception

Inconjunct mesentery

Choledochal stenosis

Annular pancreas

Hernia

Diaphragmatic hernia

가

Umbilical hernia

Inguinal hernia

Opened vaginal process of testis

Opened vaginal process of ovary

Retrocecal hernia

Eventration

Gastroschisis

Schistocoelia

Exomphalos

Omphalocele

Mobile cecum

Ectopic cecum

Megacolon

Aganglionosis

Colonic aganglionosis

Rectal aganglionosis

Rectal fistula

Imperforate anus

Defect of urinary tract

Glomerular kidney

Lobar kidney

Pelvic kidney

Polycystic kidney

Sigmoid kidney

Horseshoe kidney

Nephroblastoma

Double ureter
Ecopic ureter
Postcaval ureter
Retroiliac ureter
Ureterostenosis
Ectopic urinary bladder
Urachal cyst
Urachal sinus
Defect of genitalia
Hydrocele of testis
Ectopic testis
Anorchism
Cryptorchism
Polyorchism
Hermaphroditism
Diphallia
Epispadias
Hypospadias
Anovaria
Polyovaria
Ovotestis

Intersex

Infantile uterus

Unihorn uterus

Bihorn uterus

Bicervical uterus

Septate uterus

Double uterus

Duplicated ureter

Imperforate hymen

Defect of urogenital organ

Persistent cloaca

Fistula

Rectourethral fistula

Rectovaginal fistula

Rectovesical fistula

Rectovestibular fistula

Vesicouterine fistula

Vesicovaginal fistula

Defect of male urethra

Diphalllic urethra

Epispadiac urethra

Hypospadiac urethra

Phimosis

[]

Defect of Integument

Ichthyosis

Polymerism

Achorea

Alopecia

Atrichia

Hypertrichosis

Hypotrichosis

Anhidrosis

Hypohidrosis

Hypochromia

Heterochromia

Albinism

Partial albinism

Total albinism

Melanism

Iliac nevus

Pigmented nevus

Nevus

Pigmented nevus

Vascular nevus

Dermoid cyst

Pilonidal cyst

Preauricular excrescence

Pilonidal fistula

Dermal sinus

Pilonidal sinus

Onychodystrophy

Onychodystrophy

Anonychia

Anonychia

Hyperonychia

Hyperonychia

Pachyonychia

Pachyonychia

Polyonychia

Polyonychia

Amastia

Gynecomastia

Unilateral gynecomastia

Bilateral gynecomastia

Hypermastia

Macromastia

Micromastia

Polymastia

Athelia

Microthelia

Polythelia

Inguinal mammary papilla

Axillary mammary papilla

Defect of Skeleton

Absence

Longitudinal absence

Absence of radius

Absence of tibia

Absence of ulna

Absence of fibula

Central absence

Transverse absence

가

Terminal absence

Fusion

Glenoidal fusion	
Cubital fusion	
Radio-ulnar fusion	
Carpal fusion	
Metacarpal fusion	
Phalangeal fusion	가
Phalangeal fusion	가
Digital fusion	가
Digital fusion	가
Fusion of thumb	가
Fusion of hallux	가
Fusion of hip	
Fusion of knee	
Tibiofibular fusion	
Tarsal fusion	
Metatarsal fusion	
Amelia	
Amelia	
Brachymelia	
Brachymelia	
Dimelia	

Dimelia

Dolichostenomelia

Dolichostenomelia

Ectromelia

Ectromelia

Hemimelia

Hemimelia

Macromelia

Macromelia

Micromelia

Micromelia

Notomelia

Notomelia

Peromelia

Peromelia

Phocomelia

Preaxial phocomelia

Postaxial phocomelia

Polymelia

Polymelia

Schistomelia

Schistomelia

Sirenomelia

Symmelia

Symmelia

Acheiria

Dicheiria

Macrocheiria

Microcheiria

Schistocheiria [Cheiroschisis]

가

Abrachia

Brachial hemihypertrophy

Macrobrachia

Microbrachia

Tribrachia

Apodia

Macropodia

Monopodia

Schistopodia [Podoschisis]

Sympodia

Tripodia

Adactyla

가

Adactylia	가
Ankylodactyl	가
Ankylodactyl	가
Arachnodactyl	가
Arachnodactyl	가
Brachydactyl	가
Brachydactyl	가
Camptodactylia	가
Camptodactylia	가
Clynodactylia	가
Clynodactylia	가
Ectrodactyl	가
Ectrodactyl	가
Macrodactylia	가
Macrodactylia	가
Microdactylia	가
Microdactylia	가
Polydactyl	가
Polydactyl	가
Poly syndactylia	가
Poly syndactylia	가

Syndactylia	가
Syndactylia	가
Annular constriction	
Contraction	
Phalanx deltoideus	가
Phalanx deltoideus	가
Hyperphalangia [Polyphalangia]	가
Hyperphalangia [Polyphalangia]	가
Hypophalangia	가
Hypophalangia	가
Symphalangism	가
Symphalangism	가
Talipes	
Equinovarus talipes	
Equinovalgus talipes	
Calcaneovarus talipes	
Calcaneovalgus talipes	
Talipomanus	
Talus verticalis	
Triphalangia	가
Triphalangia of thumb	가

Triphalangia of hallux

가

Calcaneus verticalis

Bifurcated hand

Metatarsus varus

Exostosis

Hyperostosis

Synostosis

Macroplasia

Microplasia

Osteochondrodysplasia

Osteochondrodytrophy