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SYSTEMIC PARTS

Parts modified to perform a single function in combination with other parts performing the same function, in whole they are like a large organ divided into different shapes and tissues to coordinate together.

- **Body compartments and cavities**
 - Head
 - Neck
 - **Trunk**
 - Limbs
- **Tubular Pathway or tracts**
 - More central
 - **Organs**
 - hollow Organs
 - same kind of **muscle**
 - bladder, **stomach**
 - special **muscle**
 - **heart**
 - Solid Organs
 - More peripheral
 - Tubes, pipes, vessels or tracts
 - **ureter**, renal **pelvis**
 - nephron
 - vas deferens, epididymis
 - seminiferous tubules
 - pharynx, esophagus, intestines
 - arteries, veins and capillaries
 - fallopian tube
 - More particular and systemic
 - External conduit, outside materials to inside
 - **Breath pathway**
 - **Food pathway**
 - Internal Conduit
 - Open
 - Genital tract
 - **female genital tract**
 - **Male genital tract**
 - **Excretory pathway**
 - Closed
 - **Cardiovascular pathway**
 - **Lymphatic pathway**
 - **ventricular pathway**
- **Communication Network**
 - **fibrous / Neural Network**
 - **Chemical /Endocrine Network**
- **Framework**
 - **Skeletal framework**
 - **Bone**

- Muscular Framework
 - muscle
 - diaphragm
 - tendon
- Skin framework
 - Skin
- Fibrous tissue
 - Fascia
 - MENINGES
 - ligament
 - peritoneum , pericardium , pleura
 - mesentry , mesocolon , meso-salpinx

TUBULAR PATHWAYS

SYSTEMA RESPIRATORIUM

- RESPIRATORY SYSTEM

Brings [air](#) into and out of the lungs to absorb oxygen and remove carbon dioxide.

- Nose
- Nasopharynx
- Laryngopharynx
- Larynx
- trachea
- Bronchi
 - Bronchioles
 - Alveoli
- Lungs

SYSTEMA CARDIOVASCULARE

- cardiovascular system

Circulates blood around the [body](#) via the [heart](#), arteries and veins, delivering oxygen and nutrients to organs and cells and carrying their waste products away. Keeps the [body's](#) temperature in a safe range.

- Heart
- Arteries
- Veins
- Capillaries

SYSTEMA DIGESTORIUM

- DIGESTIVE SYSTEM

System to absorb nutrients and remove waste via the gastrointestinal tract, including the [mouth](#), esophagus, [stomach](#) and intestines. Eliminates waste from the [body](#).

- [Mouth](#)
 - [Teeth](#)
 - [Tongue](#)
- [Salivary gland](#)
 - Parotid glands
 - Submandibular glands
 - Sublingual glands
- [PHARYNX](#)
- [Oesophagus](#)
- [Stomach](#)
- [Small intestine](#)
 - [Duodenum](#)
 - [Jejunum](#)
 - [Ileum](#)
- [Large intestine](#)
 - Cecum
 - Ascending colon
 - Transverse colon
 - Descending colon
- Sigmoid colon
- Rectum
- [LIVER](#)
- [PANCREAS](#)
- Gallbladder
- Mesentery
- Anal canal

SYSTEMA LYMPHOIDEUM

- [LYMPHATIC SYSTEM](#)

Defends the [body](#) against pathogens that may harm the [body](#). The system comprising a network of lymphatic vessels that carry a clear fluid called lymph.

- Lymphatic vessel
- [Lymph node](#)
- [Bone marrow](#)
- [Thymus](#)
- [Spleen](#)
- [Gut-associated lymphoid tissue](#)
- [Tonsils](#)
- Interstitium

SYSTEMA URINARIUM

- [EXCRETORY-SYSTEM](#)

The system where the kidneys filter blood to produce urine, and get rid of waste.

- [kidney](#)
- [ureter](#)
- [Urinary bladder](#)
- [urethra](#)

SYSTEMA GENITALIA

- Further Information : [MALE REPRODUCTIVE SYSTEM](#)
- Further Information : [FEMALE REPRODUCTIVE SYSTEM](#)

The reproductive organs required for the production of offspring.

Female reproductive system

- Internal reproductive organs
 - [Ovaries](#)
 - [Fallopian tubes](#)
 - [Uterus](#)
 - [Cervix](#)
 - [Vagina](#)
- External reproductive organs
 - Vulva
 - Clitoris
 - [Placenta](#)

Male reproductive system

Main article: [Male](#) reproductive system

- Internal reproductive organs
 - [Testes](#)
 - [Epididymis](#)
 - [Vas deferens](#)
 - [Seminal vesicles](#)
 - [Prostate](#)
 - Bulbourethral glands
- External reproductive organs
 - [Penis](#)
 - [Scrotum](#)

COMMUNICATION NETWORK

SYSTEMA ENDOCRINUM

- **ENDOCRINE-SYSTEM**

Influences the function of the **body** using hormones.

- Pituitary gland
- Pineal gland
- Thyroid gland
- Parathyroid glands
- Adrenal glands
- Pancreas

SYSTEMA NERVOSUM

- **NERVOUS SYSTEM**

Collects and processes information from the senses via nerves and the **brain** and tells the muscles to contract to cause physical actions.

- Central network
 - Brain and Mind
 - Cerebrum
 - Cerebral hemispheres
 - Diencephalon
 - The brainstem
 - Midbrain
 - Pons
 - Medulla oblongata
 - Cerebellum
 - The spinal cord
- The ventricular system
- Choroid plexus

Peripheral network

See also: List of nerves of the **human body**

- Nerves
 - Cranial nerves
 - Spinal nerves
- Ganglia
- Enteric nervous system
- Sensory organs
- skin

FRAMEWORK

SYSTEMA MUSCULARE

- [MUSCULAR SYSTEM](#)

Enables the [body](#) to move using muscles.

- [Human skeleton](#)
- [Joints](#)
- [Ligaments](#)
- Muscular system
- [Tendons](#)

SYSTEMA SKELETALE

- [SKELETAL SYSTEM](#)

Bones maintain the structure of the [body](#) and its organs.

- [Axial skeleton](#)
- [Appendicular skeleton](#)

INTEGUMENTUM COMMUNE

- [INTEGUMENTARY-SYSTEM](#)

Skin, [hair](#), nails, sweat and other exocrine glands

- [Mammary glands](#)
- Skin
- Subcutaneous tissue

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