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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**
 - **Breath pathway**
 - **Genital tract**
 - **female genital tract**
 - **Male genital tract**
 - **Food pathway**
 - **Cardiovascular pathway**
 - **Lymphatic pathway**
 - **Excretory pathway**
- **Communication Network**
 - **fibrous / Neural Network**
 - **Chemical /Endocrine Network**
- **Framework**
 - **Skeletal framework**
 - **Muscular Framework**
 - **Skin and fascia framework**

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](#)
 - [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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