

# 12 systems of human body

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# History of Korea

At first, Korea was divided into tribes but eventually organized kingdoms emerged. There were 3 of them, Goguryeo in the north and Silla and Baekje in the south. According to legend Silla was founded in 57 BC by Bak Hyeokgeose, Jumong founded Goguryeo in 37 BC and Onjo founded Baekje in 18 BC.



Ancient period	
Gojoseon	2333 BCE (?)–108 BCE
Dangun Joseon	
Gija Joseon	
Wiman Joseon	
Jin	
Proto–Three Kingdoms period	
Buyeo · Goguryeo · Okjeo · Dongye · Samhan (Ma · Byeon · Jin)	
Chinese commanderies	
Three Kingdoms period	
Goguryeo	37 BCE–668 CE
Baekje	18 BCE–660 CE
Silla	57 BCE–935 CE
Gaya confederacy	42–562
Northern and Southern States period	
United Silla (Unified Silla)	668–935
Balhae	698–926
Later Three Kingdoms period	
Later Baekje	892–936
Taebong (Later Goguryeo)	901–918
Unified Silla (Later Silla)	668–935
Dynastic period	
Goryeo	918–1392
Joseon	1392–1897
Korean Empire	1897–1910
Colonial period	
Japanese rule	1910–1945
Provisional Government	1919–1948
Modern period	
Military governments	1945–1948
North-South division	1945–present
* North	1948–present
* South	1948–present

<i>Anatomia systemica</i>	<b>PART 1 ANATOMIA GENERALIS</b>	<i>Systemic anatomy</i>
1. OSSA; SYSTEMA SKELETALE	<b>PART 2 – SYSTEMATA MUSCULOSKELETALIA</b>	<b>BONES; SKELETAL SYSTEM</b>
2. JUNCTURAE; SYSTEMA ARTICULARE	•Ch. 2 Ossa	JOINTS; ARTICULAR SYSTEM
3. MUSCULI; SYSTEMA MUSCULARE	•Ch. 3 Juncturae •Ch. 4 Musculi	MUSCLES; MUSCULAR SYSTEM
4. SYSTEMA DIGESTORIUM	<b>PART 3 – SYSTEMATA VISCERALIA</b>	ALIMENTARY SYSTEM
5. SYSTEMA RESPIRATORIUM	•Ch. 5 Systema digestorium	RESPIRATORY SYSTEM
6. SYSTEMA URINARIUM	•Ch. 6 Systema respiratorium	URINARY SYSTEM
7. SYSTEMATA GENITALIA (F/M)	•Ch. 7 Cavitas thoracis •Ch. 8 Systema urinarium •Ch. 9 Systemata genitalia •Ch. 10 Cavitas abdominopelvica	GENITAL SYSTEMS (F/M)
8. GLANDULAE ENDOCRINAE	<b>PART 4 – SYSTEMATA INTEGRANTIA I</b>	ENDOCRINE GLANDS
9. SYSTEMA CARDIOVASCULARE	•Ch. 11 Glandulae endocrinae	CARDIOVASCULAR SYSTEM
10. <b>ORGANA LYMPHOIDEUM</b>	•Ch. 12 Systema cardiovasculare •Ch. 13 Organa lymphoidea	<b>LYMPHOID ORGANS</b>
11. SYSTEMA NERVORUM (PC+PP)	<b>PART 5 – SYSTEMATA INTEGRANTIA II</b>	NERVOUS SYSTEM (CNS+PNS)
12. ORGANA SENSUUM	•Ch. 14 Systema nervosum •Ch. 15 Organa sensuum •Ch. 16 Integumentum commune	SENSE ORGANS

*Ossa;*  
*Systema skeletale*

*Кістки;*  
*Система скелета*

*Кости;*  
*Система скелета*

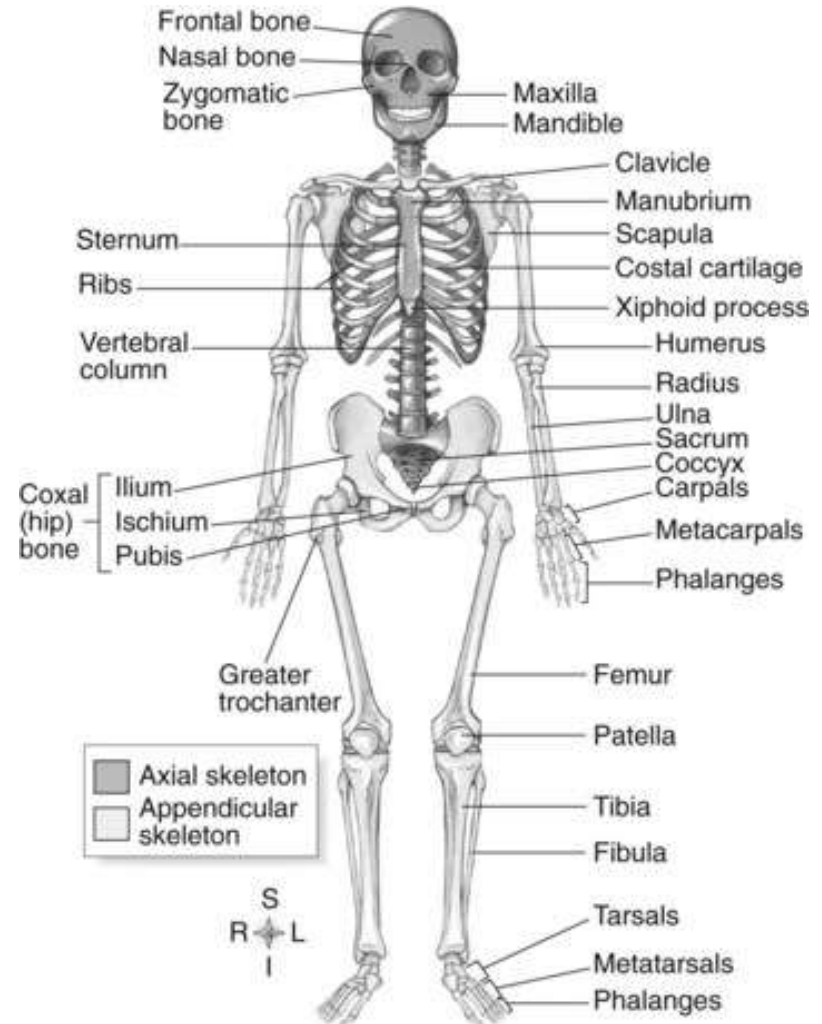
*Bones;*  
*Skeletal system*

## Function

- supports the body
- facilitates movement
- produces blood cells
- stores and releases minerals and fat

## Major organs

- Skull
- spinal column
- ribs and sternum
- Upper and lower limbs
- shoulder girdle
- pelvic girdle
- Etc.



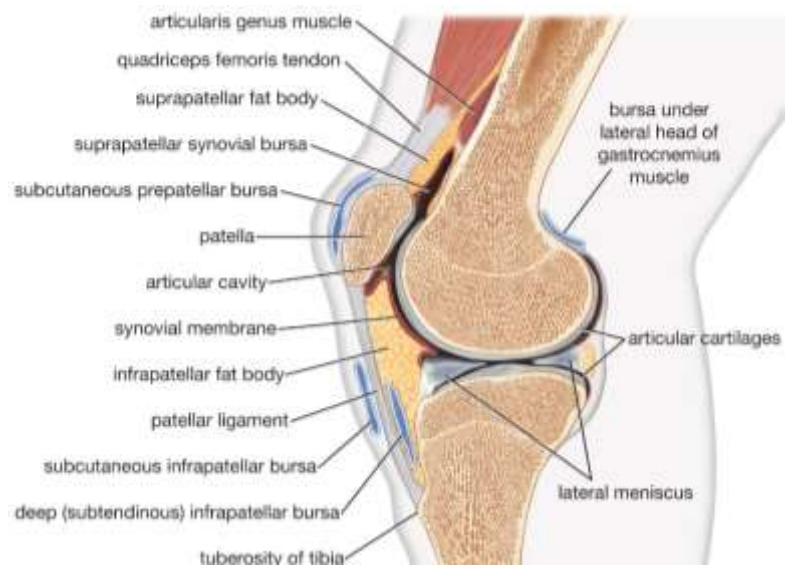
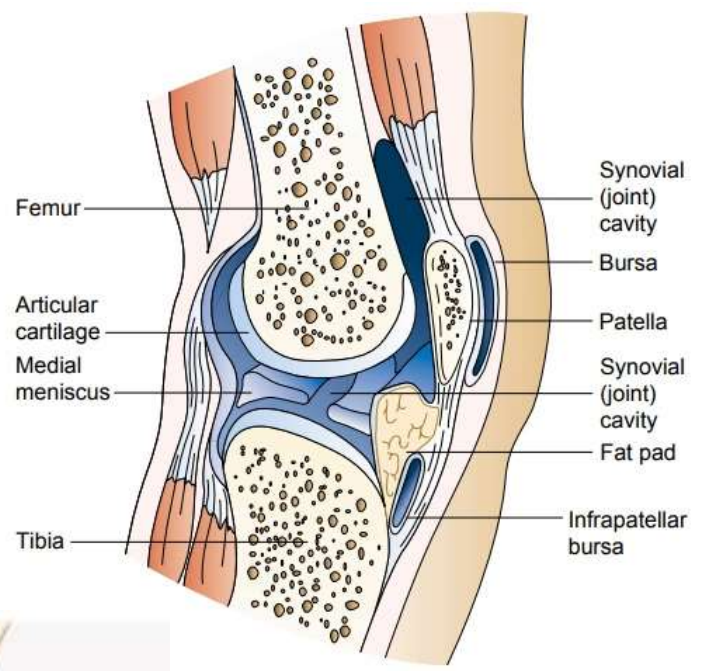


**Function**

- responsible for movement
- stability

**Major organs**

- Joints
- Cartilage



**Musculi;**  
**Systema musculare**

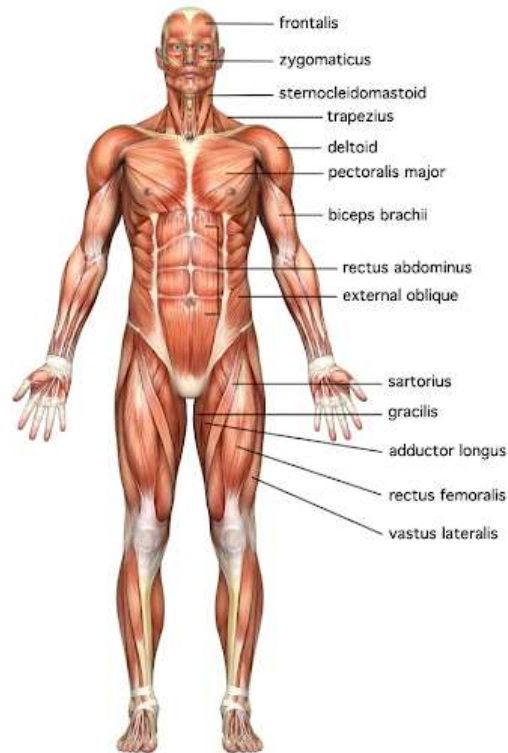
**М'язи;**  
**М'язова система**

**Мышцы;**  
**Мышечная система**

**Muscles;**  
**Muscular system**

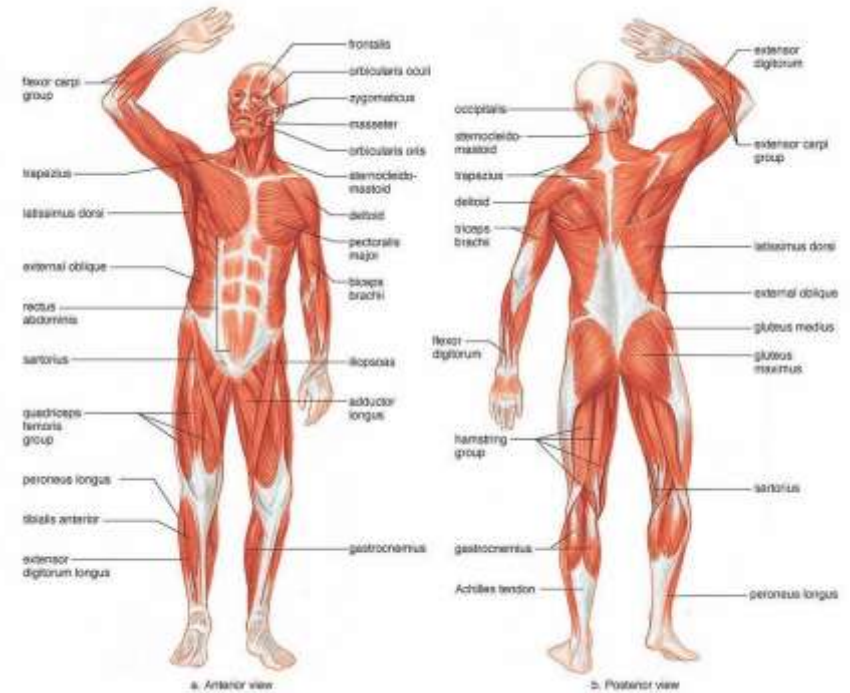
## Function

- Support
- Stability
- Movement



## Major organs

- Skeletal
- Smooth
- Cardiac

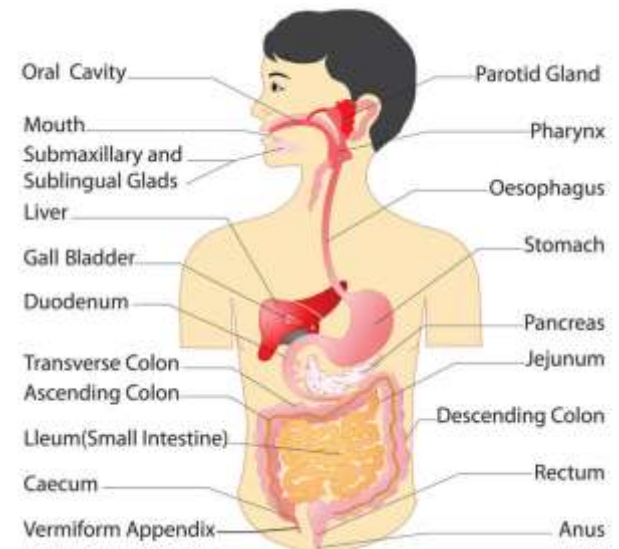
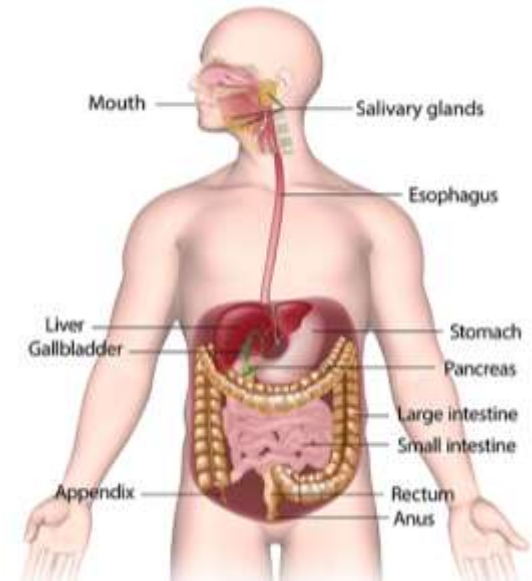
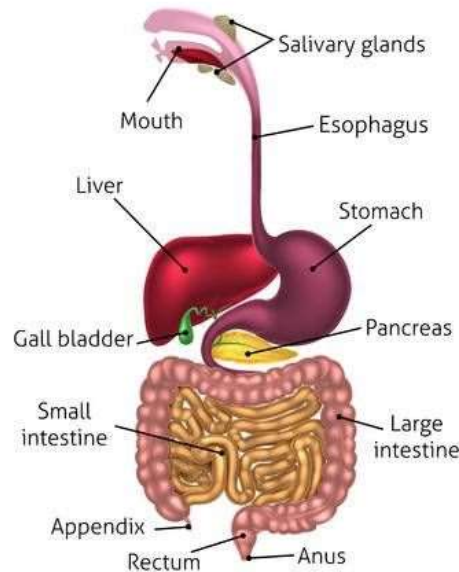


## Function

- Ingestion of food
- Secretion of fluids and digestive enzymes
- Mixing and movement of food wastes through the body
- Digestion of food into smaller pieces
- Absorption of nutrients
- Excretion of wastes

## Major organs

- mouth . Esophagus
- Stomach
- small intestine, large intestine
- The liver, pancreas
- Gallbladder
- Etc.



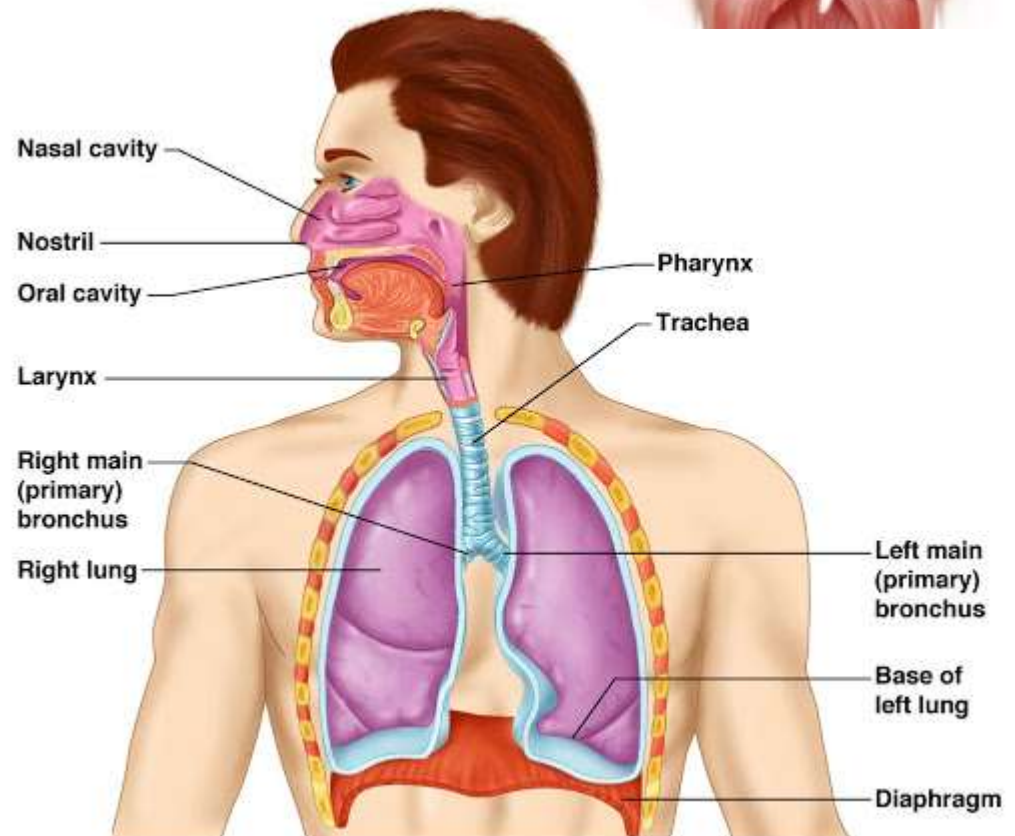
## Function

- Gas Exchange - oxygen and carbon dioxide
- Breathing - movement of air
- Sound Production
- Olfactory Assistance - sense of smell
- Protection



## Major organs

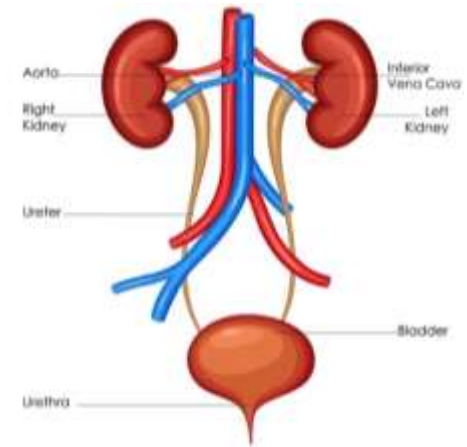
- Nose
- Mouth
- Throat (pharynx)
- Voice box (larynx)
- Windpipe (trachea)
- Large airways (bronchi)
- Lungs
- Etc.





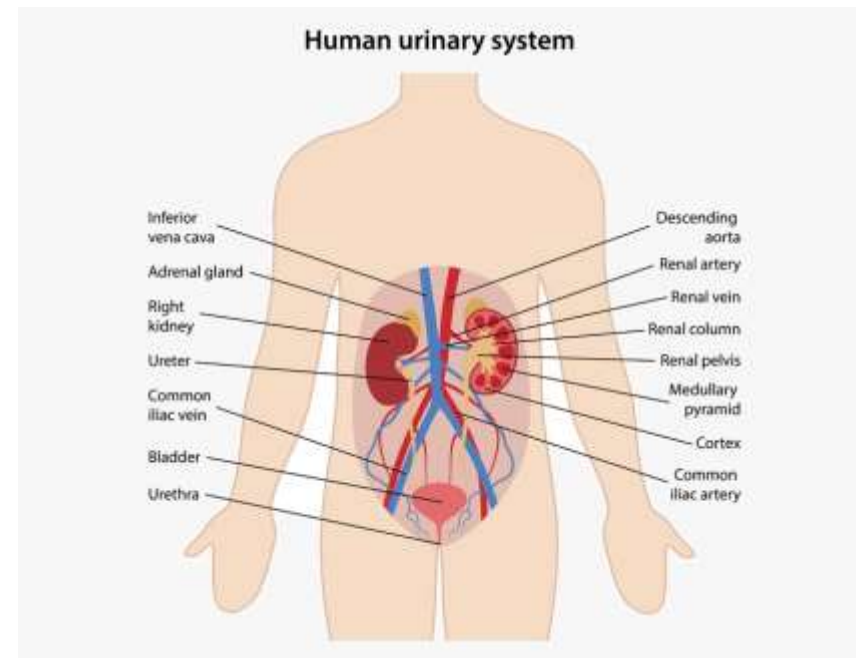
## Function

- Remove waste products and medicines from the body
- Balance the body's fluids
- Balance a variety of electrolytes
- Release hormone to control blood pressure
- Release a hormone to control red blood cell production
- Help with bone health by controlling calcium and phosphorus



## Major organs

- Kidneys
- Ureters
- Blandder
- Urethra
- Etc.

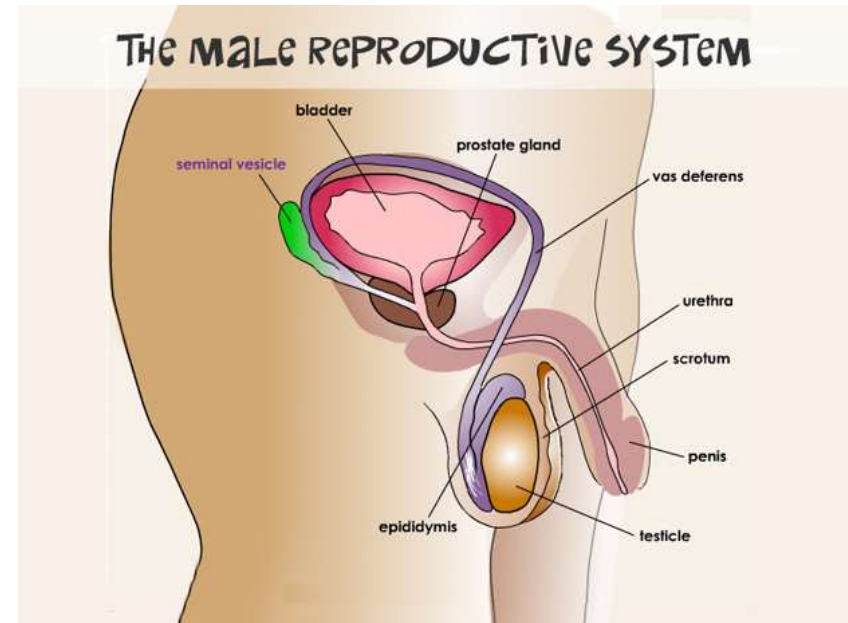
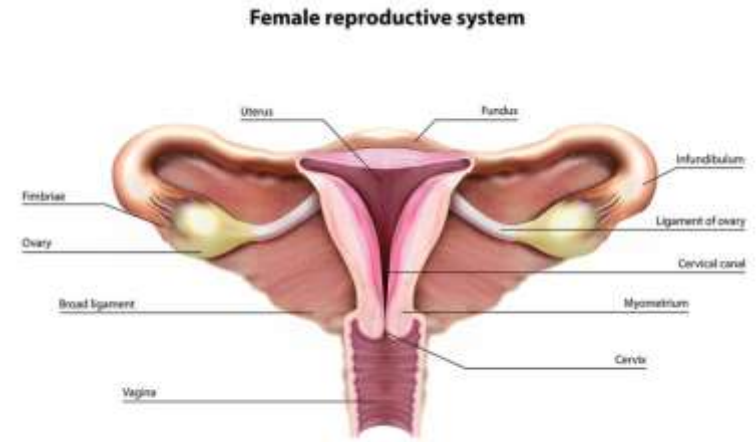


## Function

- produce and deposit sperm
- produce egg cells
- protect and nourish the offspring until birth

## Major organs

- Vagina
- Uterus
- Fallopian tubes
- Cervix
- Ovary
- Etc.
  
- penis , scrotum
- testes , epididymis
- vas deferens , prostate
- seminal vesicles

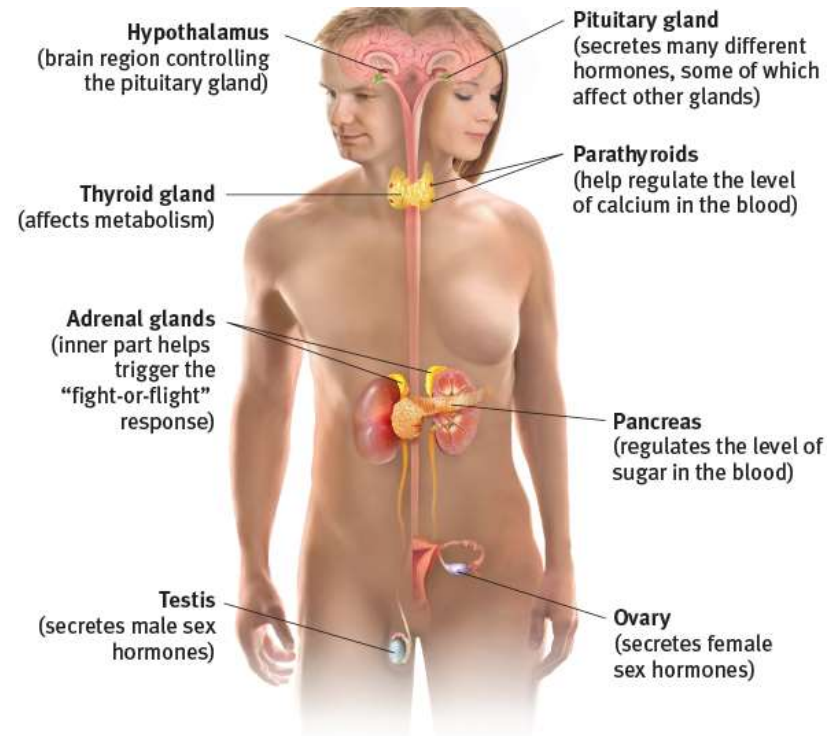
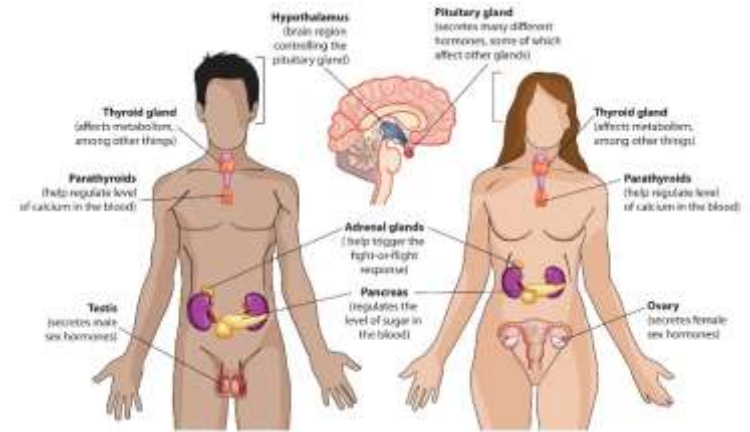
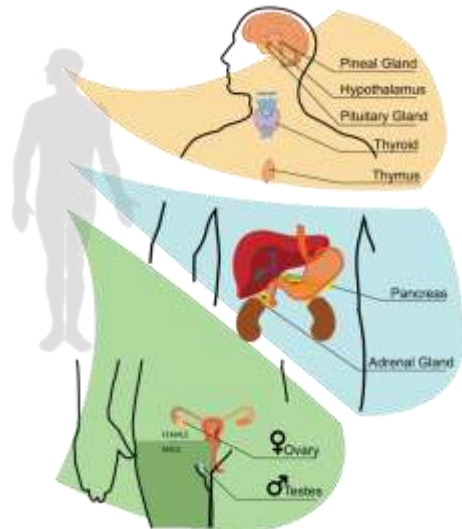


## Function

- Metabolism
- growth and development
- sexual function and reproduction
- heart rate
- blood pressure
- Appetite
- sleeping and waking cycles
- body temperature

## Major organs

- Hypothalamus
- Pituitary
- Thyroid
- Parathyroids
- Adrenals
- Pineal body
- The ovaries
- Etc.

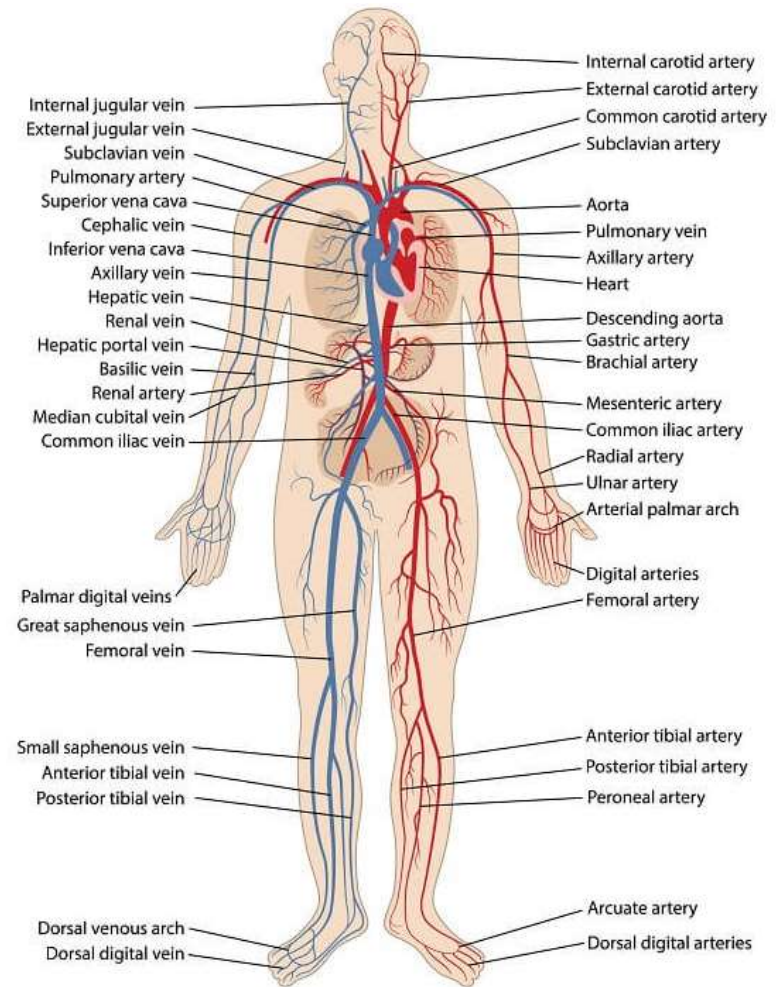


## Function

- transport of oxygen , carbon dioxide and nutrients
- clotting of open wounds
- regulation of body temperature

## Major organs

- Blood
- Heart
- The right side of the heart
- The left side of the heart
- Blood vessels
- Arteries
- Capillaries
- Veins
- Etc.



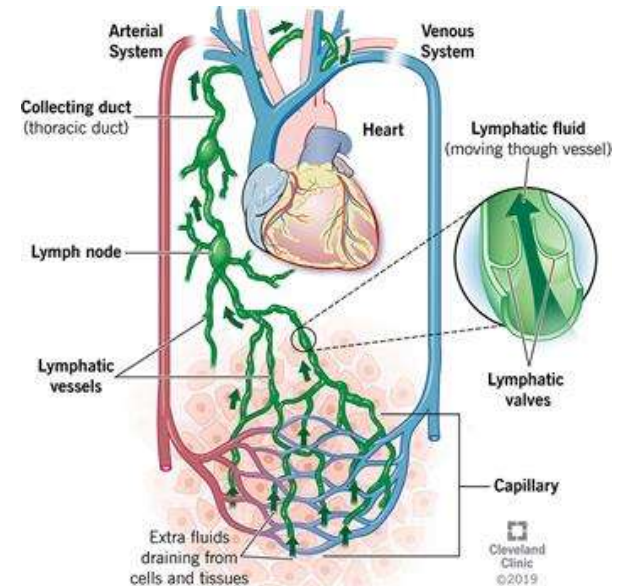


## Function

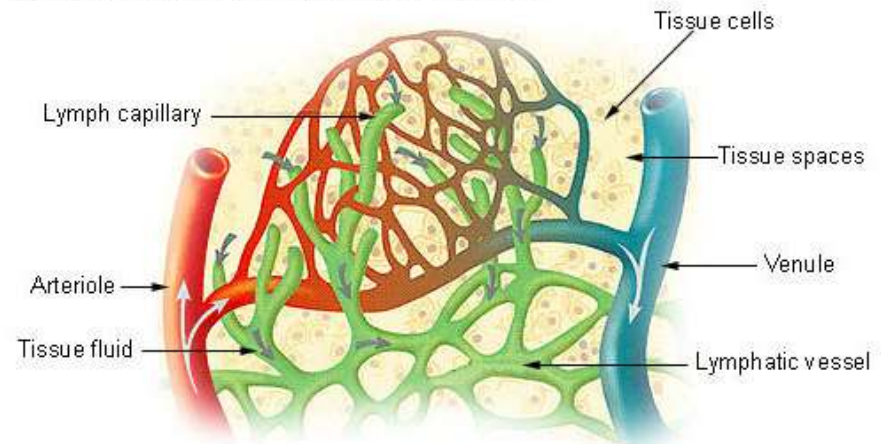
- Protecting your body from illness - causing invaders
- Maintaining body fluid levels
- Absorbing digestive tract fats
- Removing cellular waste

## Major organs

- The spleen
- Thymus
- Tonsils
- Etc.



### Lymph Capillaries in the Tissue Spaces



# Systema nervorum

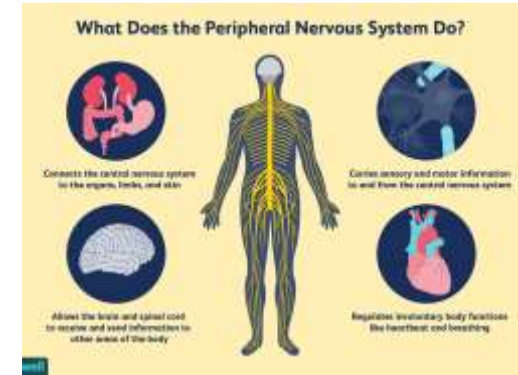
# Нервова система

# Нервная система

# Nervous system

## Function

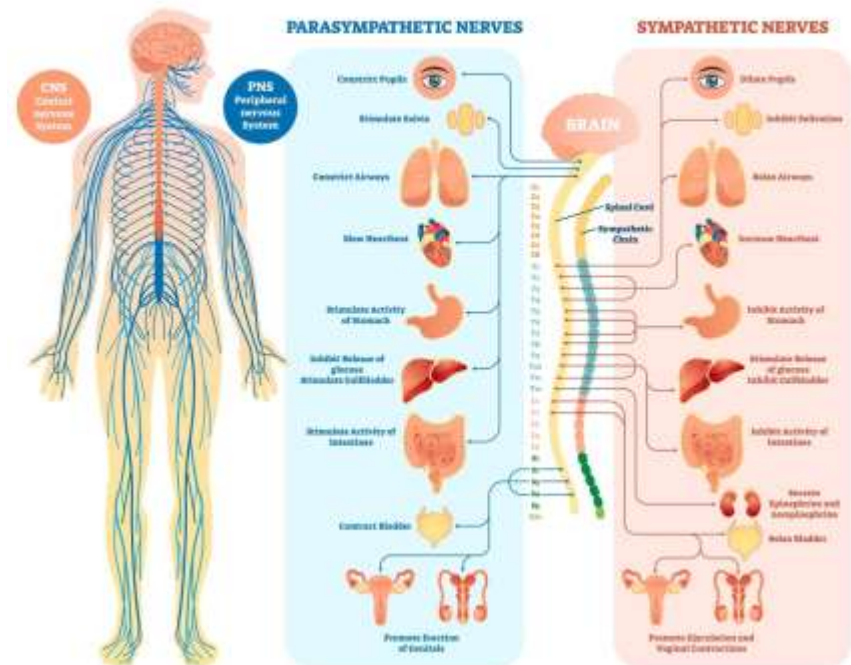
- Control of body's internal environment to maintain 'homeostasis'
- Programming of spinal cord reflexes
- Memory and learning
- Voluntary control of movement



## Major organs

- Brain
- Spinal cord
- Sensory organs
- Etc.

## HUMAN NERVOUS SYSTEM



Organa  
sensuum

Органи  
чуття

Органы  
чувств

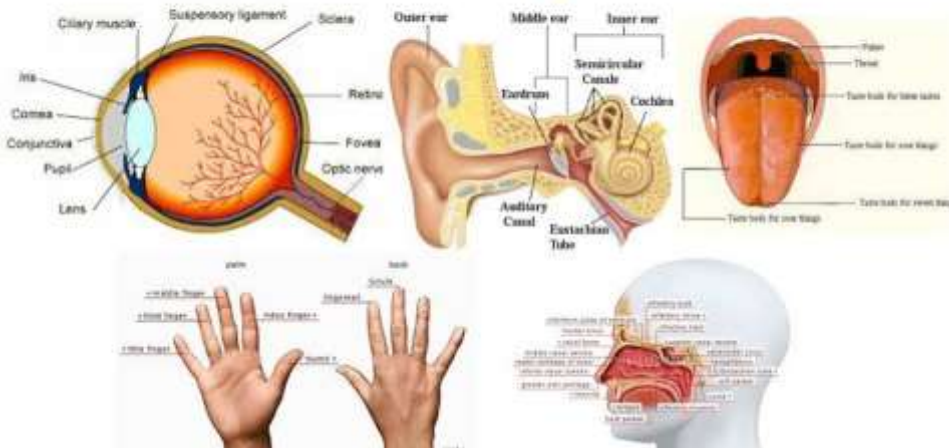
Sense  
organs

## Function & Major organs

- Eyes (for seeing)
- Nose (for smelling)
- Tongue (for tasting)
- Ears (for hearing)
- Skin (for touching or feeling)



## Sense Organs



1. OSSA; SYSTEMA SKELETALE	<b>MUSCULOSKELETAL APPARATUS</b>	<b>BONES; SKELETAL SYSTEM</b>
2. JUNCTURAE; SYSTEMA ARTICULARE		<b>JOINTS; ARTICULAR SYSTEM</b>
3. MUSCULI; SYSTEMA MUSCULARE		<b>MUSCLES; MUSCULAR SYSTEM</b>
4. SYSTEMA DIGESTORIUM	<b>SPLANCHNOLOGY</b>	<b>ALIMENTARY SYSTEM</b>
5. SYSTEMA RESPIRATORIUM		<b>RESPIRATORY SYSTEM</b>
6. SYSTEMA URINARIUM		<b>URINARY SYSTEM</b>
7. SYSTEMATA GENITALIA (F/M)		<b>GENITAL SYSTEMS (F/M)</b>
8. GLANDULAE ENDOCRINAE		<b>ENDOCRINE GLANDS</b>
9. SYSTEMA CARDIOVASCULARE	<b>HEART+VESSELS (BLOOD AND LYMPHATIC VESSELS)</b>	<b>CARDIOVASCULAR SYSTEM</b>
10. SYSTEMA LYMPHOIDEUM		<b>LYMPHOID SYSTEM</b>
11. SYSTEMA NERVORUM (PC+PP)	<b>CENTRAL AND PERIPHERAL NERVOUS SYSTEMS</b>	<b>NERVOUS SYSTEM (CNS+PNS)</b>
12. ORGANA SENSUUM	<b>SENSITIVE SYSTEM</b>	<b>SENSE ORGANS</b>

***ANATOMY = LOVE!***  
***ANATOMY - IT'S FORCE OF NATURE!***

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