

ARTHROLOGIA

- **Arthron (Gr.): Joint Artus (Lt): Joint Articulatio: Joint**
- **The joints of the bones with each other are called joints.**

Joint; According to Structure

- **Articulatio Fibrosa: Synarthroses (Still-immobile)**
- **-Sutura (between skull bones)**
- **Suere (Lt.); Sewing, (Past tense - Sutus (Lt.); Sewing**
Sutura serrata (sawtooth), Sutura squamosa (fish pulu),
Sutura foliata (leaf), Sludge plana (flat)
- **-Gomphosis (cone-shaped protrusion, pocket-shaped pothole insertion)**
Gomphos (Gr.); Slider, lock
- **-Synndesmosis (there is a fibrous ligament between the joint surfaces)**
Syndesmos (Gr.); Ligament
- **Articulatio Cartilaginea: Amphiarthroses (Less Moving)**
Amph (Gr.); Prefix that gives meaning to both sides
- **-Synchondrosis (found in hyaline cartilage)**
- **-Symphysis (with fibrous cartilage)**
- **Articulatio Synovialis: Diarthroses (Moving)**

Joint Movements

- **Flexion**
 - **Extention**
 - **Abduction**
 - **Adduction**
 - **Circumduction**
 - **Rotation**
- Pronation**
- Supination**

Types of Moving Joints

A-) According to the number of bone forming the joint;

Art.simplex

Art.composit

B-) According to joint process.

Art.spheroidea (sphere)

Art.ellipsoidea (ellipse)

Art.sellaris (saddle)

Art.trochoidea (miles)

Ginglymus (hinge)

Art.plana (flat)

Art.delabens (sledge)

Articulatio cubiti

- **Elbow Joint**

Cubitum (Lt.); Elbow

Articulatio genus

- ☐ **Knee joint**

Genu (It.); Knee – Genus (Genitivus.); For Knee (Diz-in)

Genu costae: Ribs array

Art.genus: knee joint

MYOLOGIA

- **Mus; Myo; Myos (Gr.): Mouse Musculus (It): Rat Sarco (Gr): Sarx: Meat**
- **Musculus: Muscle / Myo- and Sarco- prefixes are used for muscle expression.**
- **Musculus triceps / Myocard / Synsarcosis**
- **Penne; Bird feather, wing feather**

Muscle Naming

- ❑ According to the number of origo tendon (caput)

M.biceps

M.triceps

M.quadriceps

- ❑ According to the number of muscles (abdominal part);

M.bivent is

M.digastricus

- ❑ According to the directions of muscle fibers;

M.rectus

M.transversus

M.obliquus

Muscle Naming

- ❑ According to the shape of the muscle;

M.trapezius

M.rhomboideus

- ❑ According to the starting and ending direction of the muscle;

M.brachiocephalicus

M.sternomandibularis

M.parotidoauricularis

Muscle Naming

- **According to the osseous bone structure;**
 - **M.zygomaticus**
 - **M.brachialis**
 - **M. tibialis**

Muscle Naming

- According to the functions of muscles;
 - Flexor (bending)
 - Abductor (removing)
 - Pronator (inside)
 - Levator (lifts up)
 - Constrictor (narrowing)
 - Retractor (retractor)
 - Cremaster (pulling up)
 - Sphincter
 - Rotator (to deflecting)
 - Erector (to lift)
 - Extensor (tension)
 - Adductor (approaching)
 - Supinator (outside)
 - Dressor (pulls down)
 - Dilatator (expanding)
 - Detrusor (pushing forward)
 - Compressor (pushing down)

Musculi faciei

- **M.orbicularis oculi**
- **M.orbicularis oris**
- **M.malaris**
- **M.zygomaticus**
- **M.levator nasolabialis**
- **M.levator labii superioris**
- **M.caninus**
- **M.depressor labii superioris**
- **M.depressor labii inferioris**
- **M.buccinator**

Musculi colli

- **M.brachiocephalicus**
m.cleidobrachialis
m.cleidocephalicus
- **M.sternocephalicus**
m.sternomandibularis
m.sternomasteideus
m.sternooccipitalis
- **M.splenius**
- **M.scalenus**

Musculi dorsi

- **M.omotransversarius**
- **M.trapezius**
- **M.rhomboideus**
- **M.iliocostalis**
- **M.longissimus**
- **M.spinalis et semispinalis**
- **M.latissimus**

Musculi thoracici

- **M.intercostalis externi**
- **M.intercostalis interni**
- **M.pectoralis descendens**
- **M.pectoralis transversus**
- **M.pectoralis ascendens**

Musculi abdominis

- **M.obliquus externus abdominis**
- **M.obliquus internus abdominis**
- **M.transversus abdominis**
- **M.rectus abdominis**