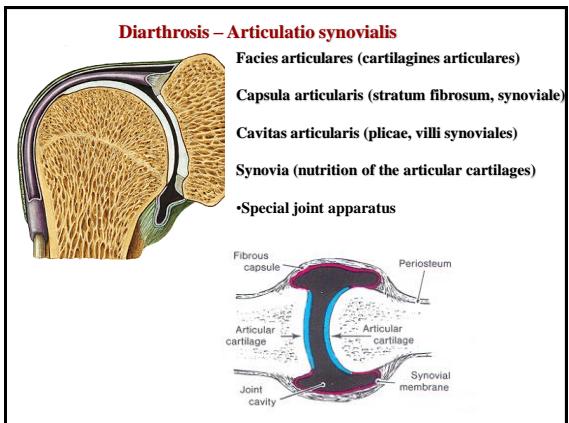
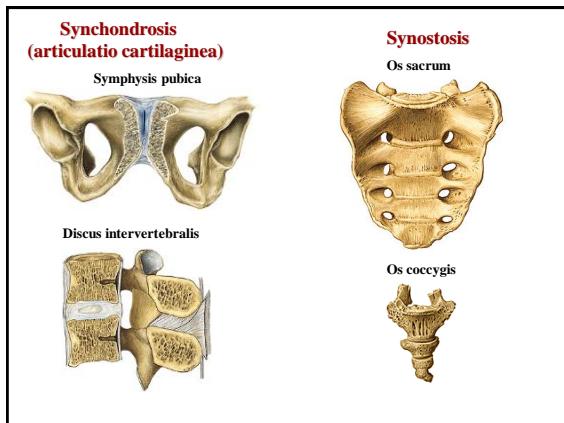
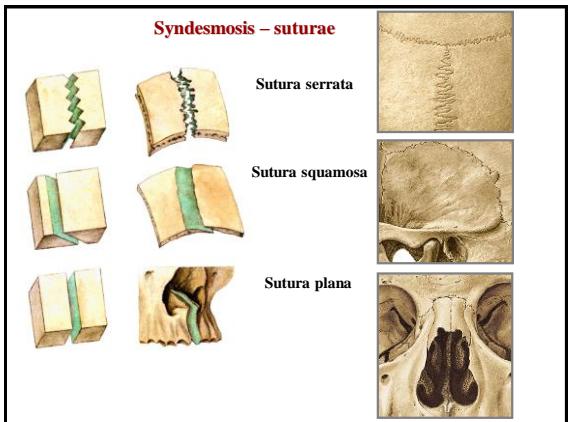
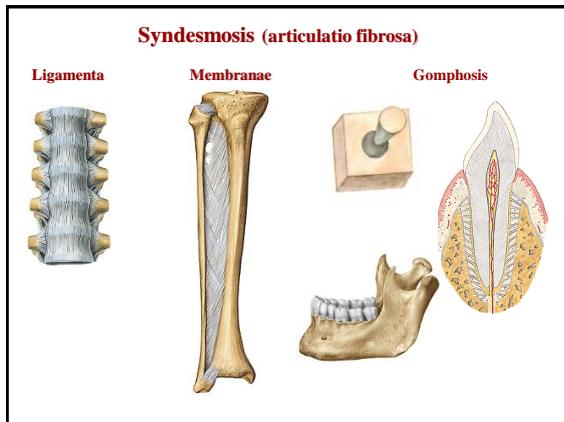
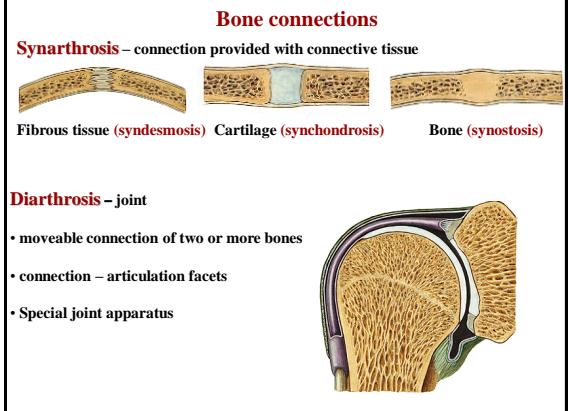
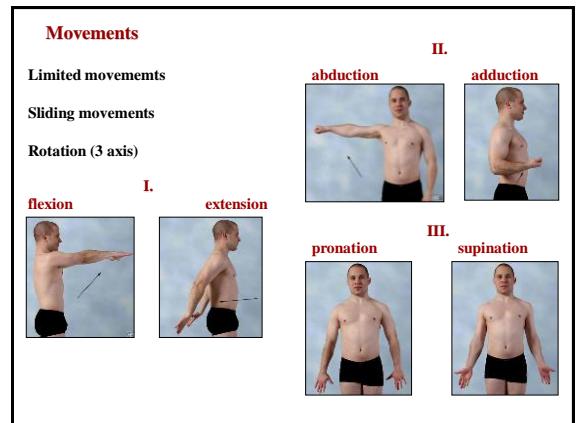
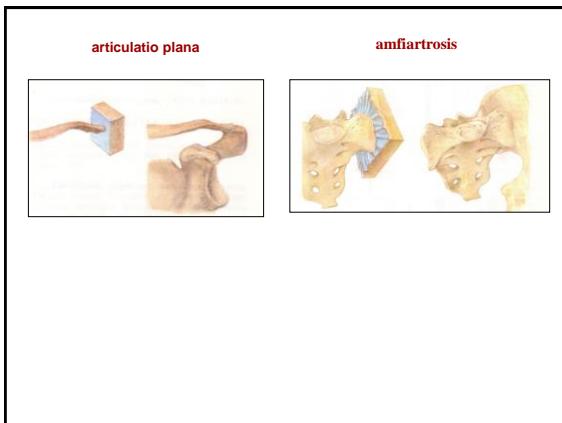
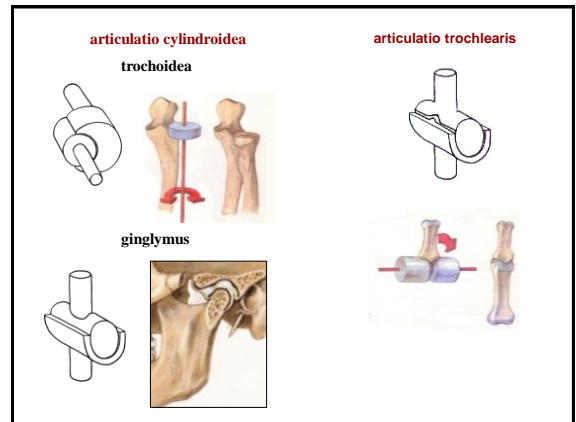
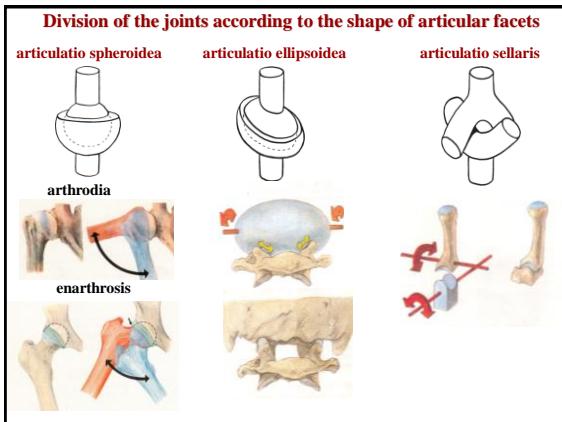
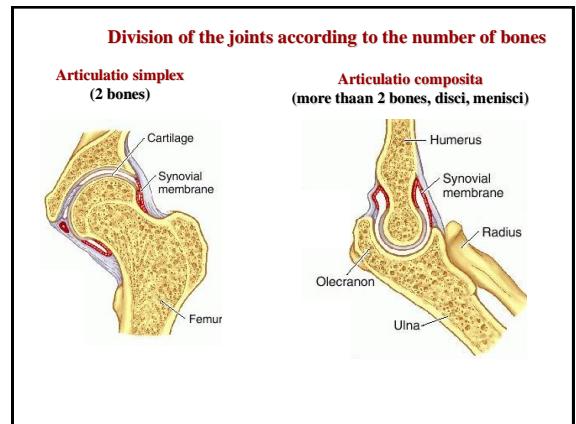
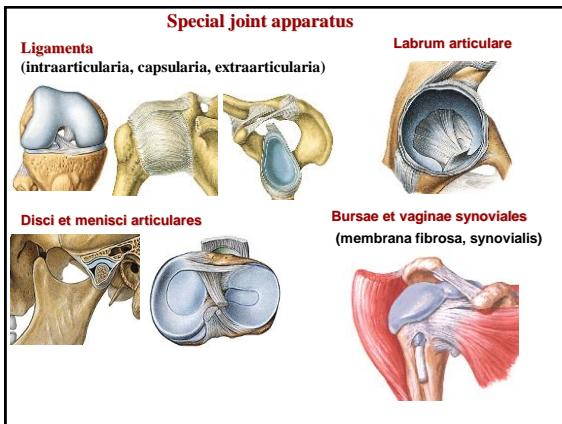
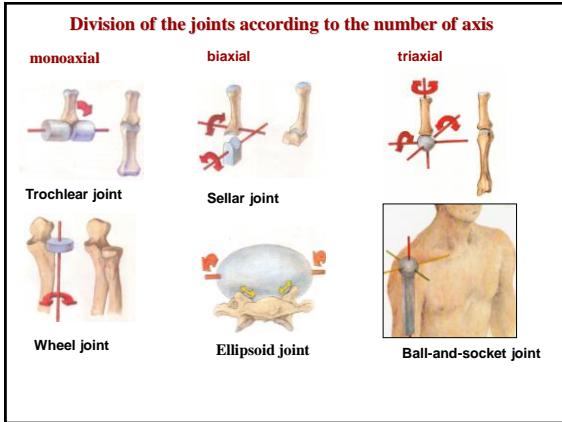


## ARTHOLOGY



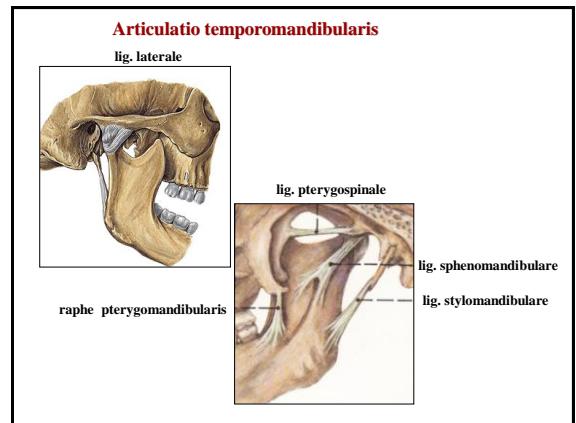
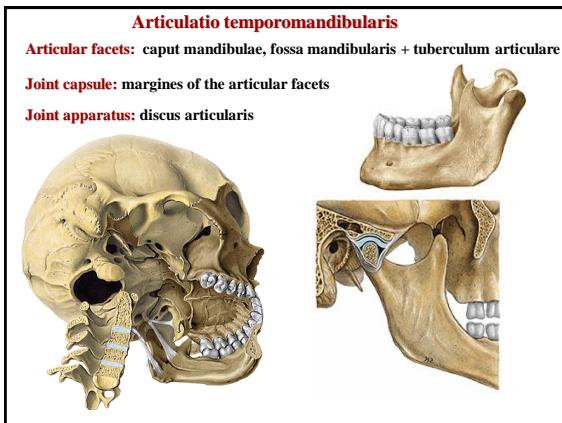
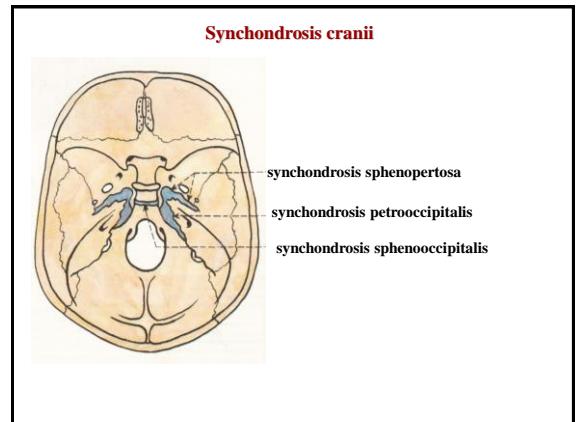
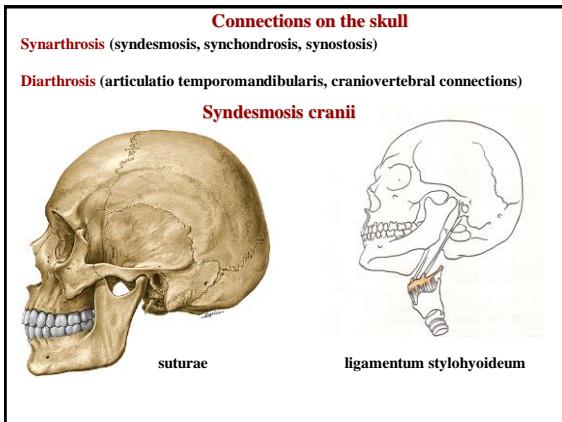


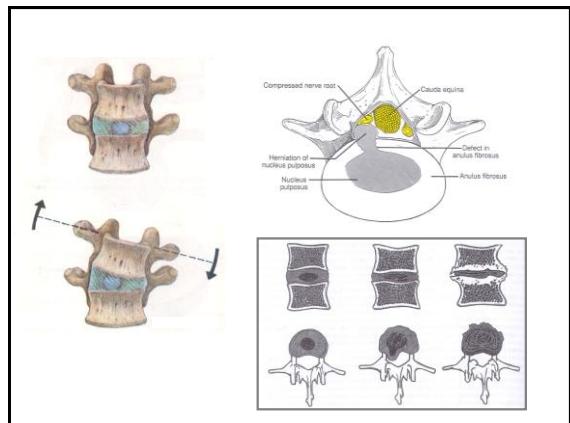
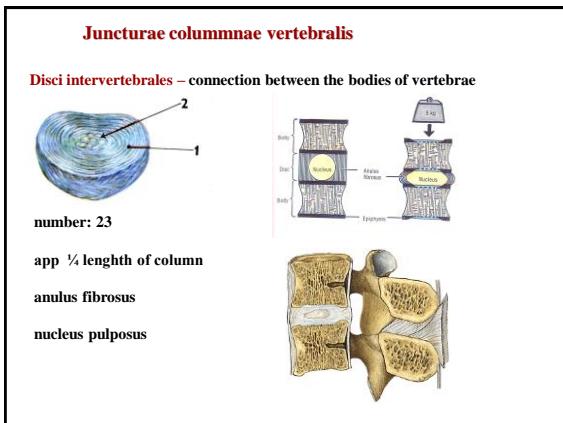
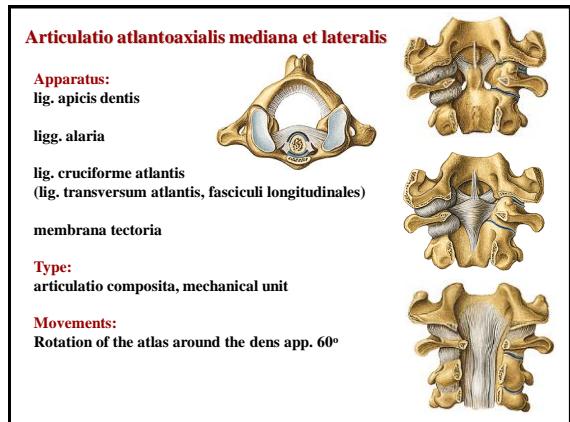
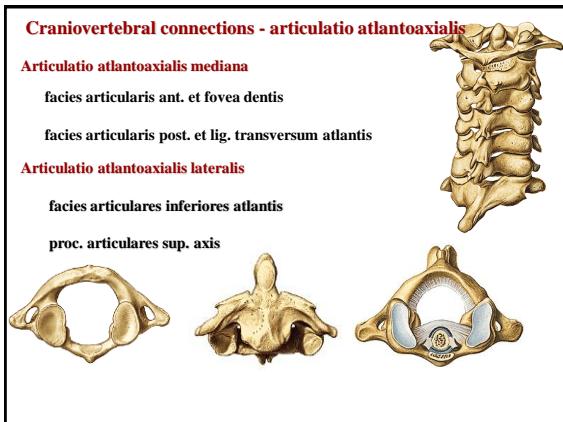
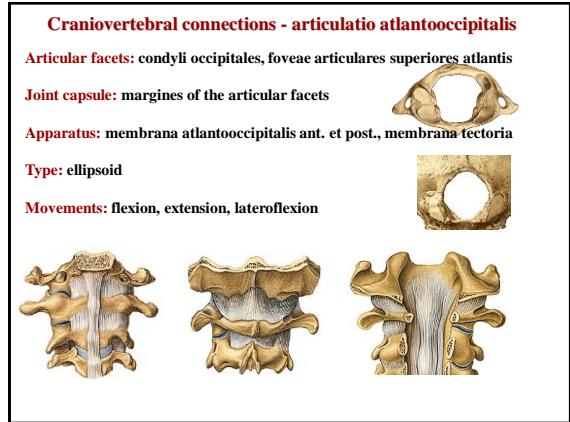
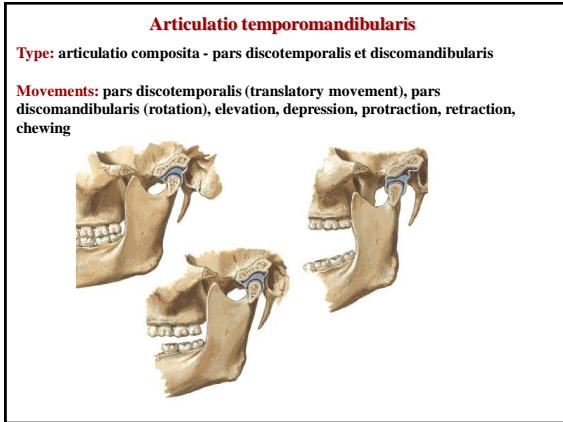


## Special arthrology

### Joint description

1. name
2. Articular facets
3. Joint capsule
4. Joint apparatus
5. Type of the joint, movements





**Articulationes intervertebrales****Articular facets:** processus articulares sup. et inf. of adjacent vertebrae

(position of the facets - C oblique, Th front, L sagittal)

**Joint capsule:** margins of the articular facets**Type:** articulatio plana (translatory movements)**Short ligaments of the spine:**

ligamenta flava (arches)

ligamenta interspinalia (proc. spinosi)

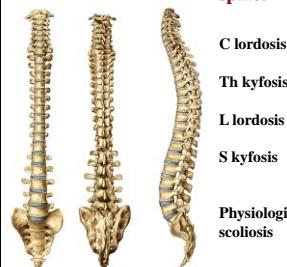
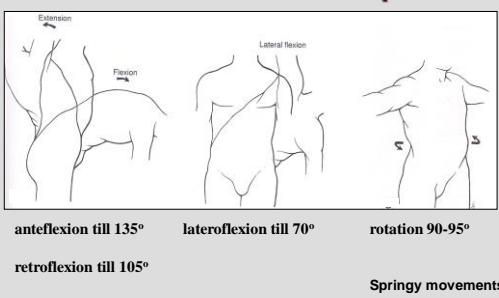
ligamenta intertransversalia (proc. transversi)

**Long ligaments of the spine**

ligamentum supraspinale (ligamentum nuchae)

Ligamentum longitudinale anterius

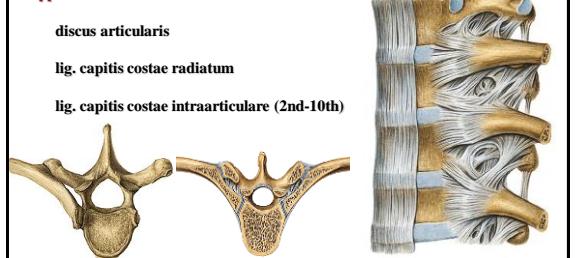
Ligamentum longitudinale posterius (membrana tectoria)

**Shape of the spine:****Movements of the spine****Juncturae thoracis – articulationes costovetebrales****Articulatio capitis costae****Articular facets:** facies articularis capitis costae, foveae costales sup. et inf.**Apparatus:**

discus articularis

lig. capitis costae radiatum

lig. capitis costae intraarticulare (2nd-10th)



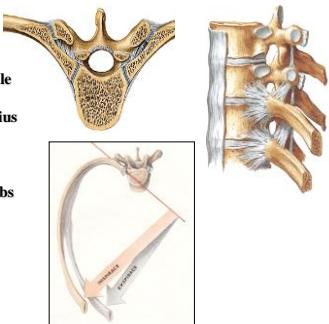
**Articulatio costotransversaria****Articular facets:** facies articularis tuberculi costae, fovea costalis proc. transversi**Apparatus:**

lig. costotransversarium

lig. costotransversarium laterale

lig. costotransversarium superius

lig. lumbocostale

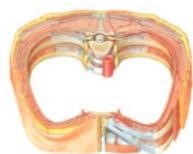
**Movements:** elevation of the ribs**Juncturae sternocostales****Syphondrosis sternocostalis** (1st, 6th and 7th)**Articulationes sternocostales** (2nd – 5th)**Articular facets:**

Rib cartilages, incisurae costales sterni

**Apparatus:****Juncturae intercostales****Articulationes interchondrales****Articular facets:** cartilages 5th – 9th rib**Membranae intercostales**

membrana intercostalis externa

membrana intercostalis interna

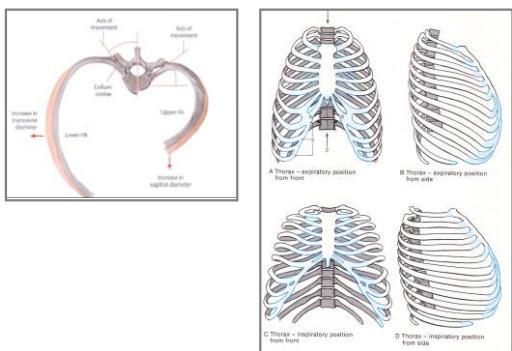
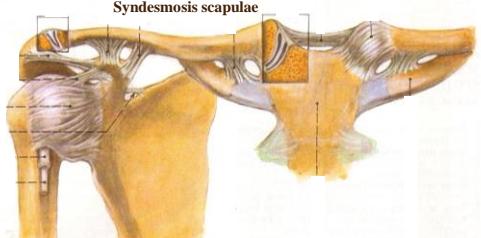
**Rib cage shape**

Apertura thoracis superior

Spatia intercostalia

Cavum thoracis

Apertura thoracis inferior

**Movements of the rib cage****Connections of the girdle of the upper extremity  
(juncturae ossium cinguli extremitatis superioris)****Articulatio sternoclavicularis****Articulatio acromioclavicularis****Syndesmosis scapulae**

**Articulatio sternoclavicularis**

**Articular facets:** incisura clavicularis sterni, facies articularis sternalis claviculae

**Joint capsule:** tough

**Apparatus:**

discus articularis

lig. sternoclaviculare ant. a. post.

lig. interclaviculare (incisura jugularis)

lig. costoclaviculare

**Type:** composed, spheroid

**Movements:** limited,

depends on movements of scapula



Dysostosis cleidocranialis

**Articulatio acromioclavicularis**

**Articular facets:** facies articularis acromialis claviculae, facies articularis acromii

**Joint capsule:** tough

**Apparatus:**

discus articularis

lig. acromioclaviculare

lig. coracoclaviculare

**Type:**

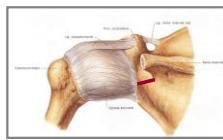
composed, limited

Depends on movements of scapula and shoulder

**Syndesmosis scapulae**

Lig. transversum scapulae superius et inferius

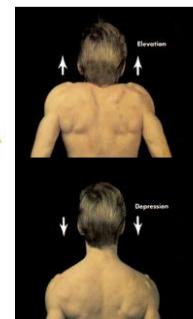
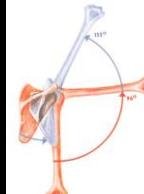
Lig. coracoacromiale (fornix humeri)

**Movements of the scapula**

protraction (lateroventral, during anteflexion)

elevation

retraction (dorsomedial, during retroflexion)

**Connections of the free upper extremity**

(juncturae ossium extremitatis superioris liberae)

**Articulatio humeri** (shoulder joint)

**Articular facets:**

caput humeri, cavitas glenoidalis + labrum glenoidale

**Joint capsule:**

margins, med. on collum anat. humeri – distally

vagina synovialis intertubercularis

**Articulatio humeri – articular apparatus**

labrum glenoidale

ligg. glenohumeralia (sup., inf., ant.)

lig. coracohumerale

lig. coracoacromiale

Firmed by tendons  
(rotator cuff)

