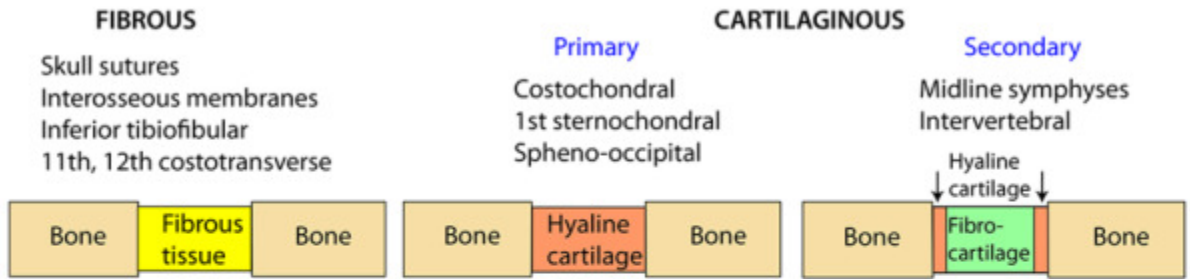


Classification of the Joints

CLASSIFICATION OF JOINTS



ATYPICAL SYNOVIAL

Articular surface covered with fibrocartilage
 Temporomandibular
 Sternoclavicular
 Acromioclavicular
 2-7 Sternochondral



TYPICAL SYNOVIAL

Articular surface covered with hyaline cartilage
 All other synovial joints



MOVEMENTS IN SYNOVIAL JOINTS

- PLANE: Gliding, Tarsus & carpus



- HINGE

Interphalangeal



Flexion
Extension

- MODIFIED HINGE

Knee



Flexion
Extension
Rotation with flexed knee

- CONDYLOID

Metacarpophalangeal



Flexion
Extension
Adduction
Abduction
Circumduction

- SADDLE CONDYLOID

1st Carpometacarpal

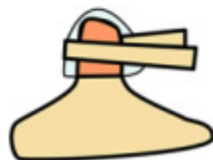


Flexion
Extension
Adduction
Abduction
Circumduction
"Controlled" rotation = opposition

- PIVOT

Both ends of radius
Atlanto-axial

Rotation (Uni-axial)



- BALL AND SOCKET

Hip
Shoulder (Sternoclavicular)
Talocalcaneonavicular - many of the features of one)



Flexion
Extension
Adduction
Abduction
Circumduction
"Free" rotation