Classification of the Joints

CLASSIFICATION OF JOINTS

FIBROUS

Skull sutures Interosseous membranes Inferior tibiofibular 11th, 12th costotransverse

Bone Fib

Fibrous tissue Bone

Primary

Costochondral 1st sternochondral Spheno-occipital

Bone Hyaline Bone cartilage

CARTILAGINOUS

Midline symphyses Intervertebral

Secondary

Hyaline ↓ cartilage ↓

Fibro-

cartilage

Bone

Bone

ATYPICAL SYNOVIAL

Articular surface covered with fibrocartilage Tempormandibular 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

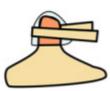
1st Carpometacarpal



PIVOT

Both ends of radius Atlanto-axial

> Rotation (Uni-axial)



BALL AND SOCKET

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

