Sternum, Related Joints & a Typical Intercostal

CLASSIFICATION OF JOINTS

FIBROUS

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

Bone Fibrous tissue

Primary

Costochondral 1st sternochondral Spheno-occipital

Bone Hyaline Bone cartilage

CARTILAGINOUS

Bone

Midline symphyses Intervertebral

Secondary

Hyaline ↓ cartilage ↓

Fibrocartilage

Bone

ATYPICAL SYNOVIAL

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

.

Bone

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)



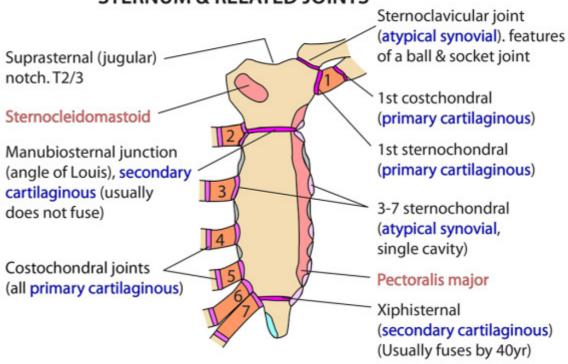
nerves

BALL AND SOCKET

Hip Shoulder (Sternoclavicular Talocalcaneonavicular many features of one)







TYPICAL INTERCOSTAL NERVE

