Anatomy

First: Joints of the upper limbs Marticulation of clauicle A. Sternoclavicular joint: sternal end with sternum Type: synovial plane (Uniaxial) B. Acromioclavicular joint: Acromion with Lateral end of clavicle Type: synovial plane (Uniaxial) 2 Articulation of scapula: - Shoulder joint: Head of humerus with glenoid cavity Type: Bell and socket synovial plane (Multiaxial) Movements: 1- Flexion, Extension 2- Adduction, Abduction 3- Medial and Leteral rotation 4- Circumduction 3 Articulation of Humenus: - Elbow joint: Trochlea with trochlea notch of ulna Capitulum with head of radius Type: Hinge synovial plane (Unicarial) Movement: Flexion and Extension 141 Articulation of Radius and Illna: A. Proximed radioulner joint: Head of radius with radial notch of ulna land annular liganost B. Distal radioulnar joint: Head of ulna with Ulnar notch of radius Type: pivot synovial (Uniaxial) Movement: pronation and supination C. Wrist joint: Above \_\_ Inferior surface of radius and articular disc Distal radioulnar joint Below \_\_ Scaphoid - lunate - Triquetrum Type: Condyloid synovial (Biaxid) Movement: 1. Flexion, Extension 2. Abduction, Adduction 国 Joints of Hand: A. Intercarbal joint: Between carbal bones Type: plane synovial (Unioxial) Movement: Gliding movement B. Carbometa carbal joint [ Medial four fingers ]: Carbal and medial four metacarbal bones.

Type: plane synovial (Uniaxial)

Movement: Gliding movement

C. Carbometa carbal joint L Trapezium and 1st metacau	Thumb] rbal bone	
1 ype: Saddle Synovial \ Isia	xial) on 2 Abduction, Adduction	
Type: synovial condyloid (	and base of proximal phal	
E. Proximal interphalangeal Proximal and middle ph Type: Hing synovial (Union Movement: Flexion and Ext	alanges xid)	
F. Distal interphalangeal joi Middle and distal phalan Type: Hinge synovial (U Movement: Flexion and Ex	nges Iniaxial)	
Second: Joints of the lower lim  [] Articulation of hip bone	:	
A. Symphsis pubis  Right and Left superior  pubic rami	Auricular surface of the ilium and sacrum	C. Hip joint Acctabulum with head of Lemur
Type: secondary cartilaginous Slightly movable	Type: plane Synovial Marment: Gliding movement	Type: Ball and socket  Movement: 1. Flexion, Extension
Sacrum Coccyx Symptyse Total  Superior  Superior  Superior  Figure  Figure  Superior  Figure  Figure	Sacrom  Coccyx (Tallbone)	2. Abduction, Adduction 3. Medial and lateral robation 4. Circumduction  Hip Joint  Pelvis  Acetabulum  Femoral head  Articular cartilage
2 Articulation of the tibia - Knee joint : condyles of		Femur Greater trochanter Femur Greater trochanter Femur Greater trochanter Femur Greater trochanter
Type: Modified Hinge syn		- Tripled artise - Prophet artise - Prop
Remember 00 Fibula doesn't so of Knee joint	Share inthe formation  A MARKETON.  A MARKETON.  LOCAL DIRECTORS  THE CARACTURE STATE STAT	The Product of the Control of the Co

A Superior tibiodibular jointhead of fibular and fibular and fibular synovial (  B. Inferior tibiodibular  Fibular notch of tibia and  Type: Fibrous [Syndes mose	nt [proximal]: lar facet of the lateral to Uniaxial)  joint [Distal]: Lithe lower end of fibu	This Box —
W Knee joint:  Nove lower end of tibia  Below trochlear surface of  Type: Hinge synovial (  Movement: Dorsiblexion	f the body of falus Uniaxial)	Fibula  Tibia  Laferal Mallecolus (gasted fibulio)  Calcanous  Cuboid  Cuboid  Lateral Cunesform Medial Cunesform Distal Phalanx Great Toe  Distal Phalanx Great Toe  Orea Toe
Type: plane synovial Movement: Inversion and Why? Inversion is much more	l Eversion	Fibula  Positrior and anterior interior intercosacous membrane  Anterior taidflouter ligaments  Substater joint  Lateral view
	اللهم وفقنا من حيث لا نحتسب ربنا لا تضيع لنا تعبنا و مجهودنا ولا تهدم لنا حلم ولا تجعل درجاتي عائق بيني وبين النجاح اللهم انا نسائك النجاح بكرمك و لطفك و ليس بمجهودنا اللهم ارنا عجائب قدراتك في دراستنا و نجاحنا اللهم اني فوضت امري اليك ثقة و ايمانا بحسن تدبيرك يا رب اكتب لي الخير اينما كان	