

**PTA 106 Regional A & P**  
**Unit 3 Upper and Lower Extremities**  
 GBlevins/Fall 2015



**Elbow (humeroulnar) Joint:**

**A. Ligaments:**

Articular capsule	Ulnar collateral ligament
Radial anular ligament	Radial collateral ligament
Interosseous membrane	

**B. Bursae:**

Subcutaneous Olecranon bursa	Subtendinous olecranon bursa
Intratendinous olecranon bursa	

**C. Cartilage:**

Articular cartilage

**D. Articular capsule:**

Synovial membrane	Fibrous layer
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**E. Bones:**

Humerus:	
Capitulum	Trochlea
Olecranon fossa	Coronoid fossa
Medial epicondyle	Lateral epicondyle
Ulna:	
Olecranon process	Trochlear notch
Coronoid process	Radial notch
Ulnar tuberosity	
Radius:	
Head	Neck
Radial tuberosity	

**F. Clinical concerns:**

Tennis elbow

**G. Surface Anatomy:**

Lateral epicondyle	Medial epicondyle
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Radial styloid process  
Olecranon  
Carrying angle  
Triceps tendon

Ulnar styloid process  
Cubital fossa  
Medial bicipital groove  
biceps tendon

**H. Muscle: (Use upper extremity Muscle list for details)**

Biceps  
Triceps  
Brachialis  
Brachioradialis  
Supinator  
Pronator teres  
Pronator quadratus

**I. Nerves:**

Median nerve  
Radial Nerve

Ulnar nerve  
Musculocutaneous nerve

**J. Arteries:**

Brachial artery  
Radial artery  
Recurrent interosseous artery  
Posterior interosseous artery

Ulnar artery  
Deep brachial artery  
Anterior interosseous artery

**K. Veins:**

Cephalic vein  
Median antebrachial vein  
Brachial vein

Basilic vein  
Median cubital vein

