

# PTA/OTA 106 Regional A & P Unit 3

## Upper and Lower Extremities

GBlevins/Fall 2015



### Shoulder (Glenohumeral) Joint:

#### A. Ligaments:

Coracohumeral ligament	Glenohumeral ligaments
Transverse humeral ligament	Coracoclavicular ligament
Conoid ligament	Superior transverse scapular ligament
Acromioclavicular ligament	

#### B. Bursae:

Subscapular bursa	Subdeltoid burse
Subacromial bursa	Subcoracoid bursa

#### C. Cartilage:

Glenoid labrum	Articular cartilage
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#### D. Articular capsule:

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

Humerus	
Greater tubercle	Lesser tubercle
Intertubercular sulcus	Head
Anatomical neck	Surgical neck
Deltoid tuberosity	
Scapula	
Acromion process	Coracoid process
Borders: (Superior, Vertebral (medial), Axillary (lateral))	
Angles: (Superior (medial), Inferior)	
Fossae: (Sub scapular, Supraspinatus, Infraspinatus)	
Glenoid cavity (or fossa)	
Spine	
Clavicle:	
Acromial end	Conoid tubercle

**F. Rotator Cuff muscles:**

Supraspinatus	Infraspinatus
Teres minor	Subscapularis

**G. Clinical concerns:**

Rotator cuff injury

**H. Surface Anatomy:**

Anterior axillary fold	Clavicle
Clavicular head of pectoralis Major	Clavipectoral triangle
Acromial part of deltoid	Clavicular part of deltoid
Spinal part of deltoid	Manubrium
Posterior axillary fold	Sternocostal head Pectoralis Major
Triangle of auscultation	Ascending part of Trapezius
Descending part of Trapezius	Middle part of Trapezius

**I. Muscle: (use information from upper extremity Muscle list)**

Upper trapezius	Middle trapezius	Lower trapezius
Rhomboideus Major	Rhomboideus Minor	
Anterior deltoid	Middle deltoid	Posterior deltoid
Pectoralis major, clavicular and sternal portions		
Pectoralis minor	Latissimus dorsi	Levator scapulae
Serratus anterior	Teres major	Teres minor
Supraspinatus	Infraspinatus	Subscapularis
Coracobrachialis		

**J. Nerves:**

Spinal Accessory nerve	Cervical plexus
Brachial plexus	Medial cord
Posterior cord	Lateral cord
Dorsal scapular nerve	Long thoracic nerve
Lateral pectoral nerve	Musculocutaneous nerves
Medial pectoral nerve	Thoracodorsal nerve
Axillary nerve	Subscapular nerve
Suprascapular nerve	

**K. Arteries:**

Subclavian	Axillary
Transverse cervical artery	Dorsal scapular artery
Lateral thoracic artery	Posterior circumflex artery
Deep scapular artery	Circumflex scapular artery
Suprascapular artery	Subscapular artery
Brachial artery	

**M. Veins:**

Cephalic	Axillary
Basilic	



