

Anatomy: Cat Dissection

Part II



Dissection of the
superior extremity

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External Jugular Vein

Purpose: Carry blood from head

inferior



Superior

Sternomastoid

O: Sternum I: Skull P: Turns head laterally



Cleidomastoid

O: Sternum I: Skull P: Turns head laterally



Submandibular gland

This gland produces saliva.



Parotid gland

This gland also produces saliva.



Clavicular Trapezius

O: Cervical and Thoracic Vertebrae

I: Scapula and Clavicle P: Elevate Shoulder



Acromial Trapezius

O: Cervical and Thoracic Vertebrae

I: Scapula and Clavicle P: Retracts Scapula



Spino Trapezius

O: Cervical and Thoracic Vertebrae

I: Scapula and Clavicle P: Depress Shoulder



Acromial Aponeurosis

Acromial Aponeurosis is visible at the top of the photo(8). It originates at the junction of the Right & Left acromio-trapezius and its purpose is to allow for flexibility.



Latissimus Dorsi

O: Lumbodorsal aponeurosis I: Humerus
P: Adducts humerus



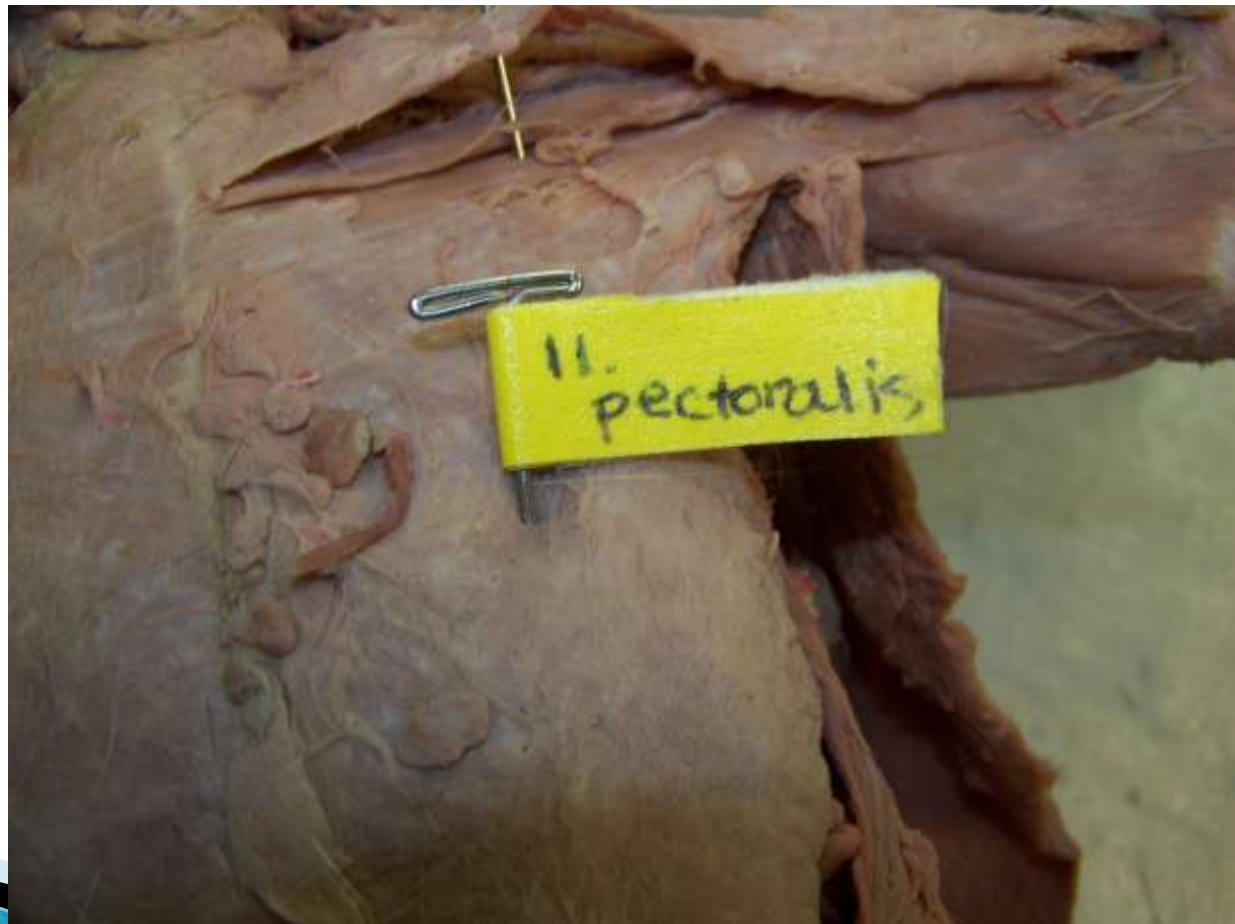
Pectorantebrachialis

O: Manubrium I: Forearm P: Adducts Forearm

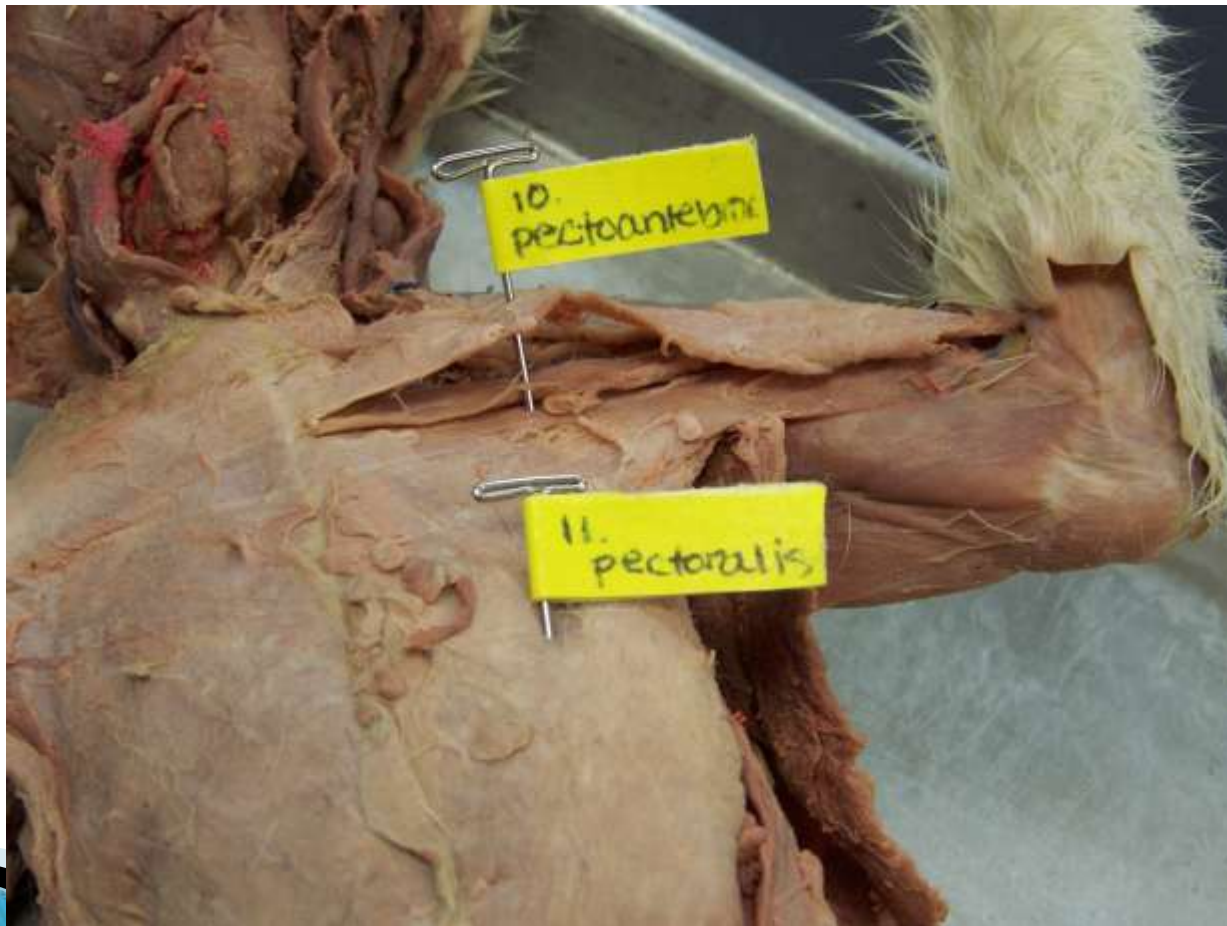


Pectoralis

O: Sternum, ribs I: Humerus, Scapula
P: Adducts arm



Both Pectoantebrachialis and Pectoralis



Xiphihumeralis

O: Sternum I: Humerus P: Draw arm posteriorly



Epitrochlearis

O: Latissimus Dorsi I: Ulna
P: External arm



Rhomboideus

O: Cervical and Thoracic
vertebrae

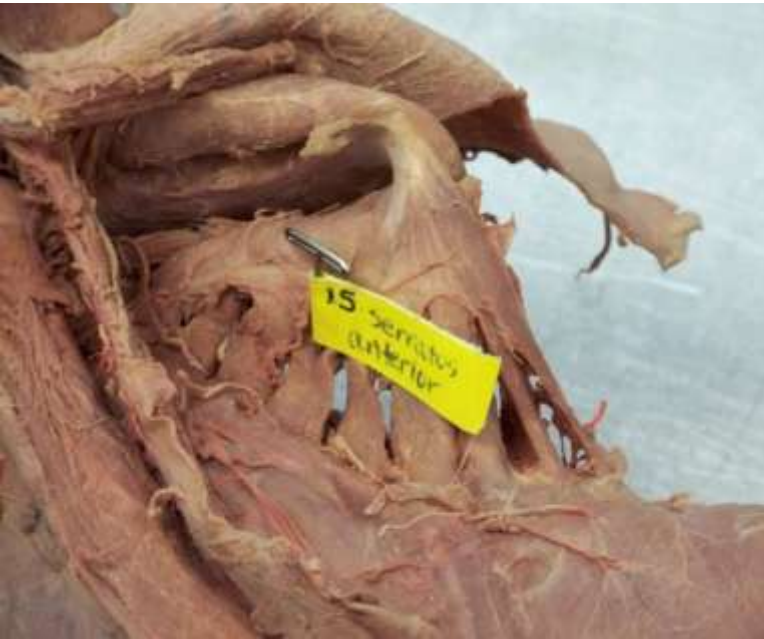
I: Scapula

P: Retracts Scapula



Serratus Anterior

O: Ribs I: Scapula P: Pulls scapula ventrally



Serratus Dorsalis

O: Lumbar vertebrae I: Ribs P: Draw ribs anteriorly



Levator Scapulae

O: Cervical vertebrae

I: Scapula

P: Elevate Scapula



Transverse Cervical Artery

Blood to neck and scapula



Transverse Cervical Vein

Blood from neck and scapula



Clavicular Deltoid

O: Clavicle and Scapula I: Humerus P: Adducts Humerus



Acromial Deltoid

O: Clavicle and Scapula I: Humerus P: Flex Humerus



Spino Deltoid

O: Clavicle and Scapula I: Humerus P: Flex Humerus



Supraspinatus

O: Scapula I: Humerus P: Abducts humerus



Infraspinatus

O: Scapula I: Humerus P: Adducts humerus



Teres Minor

O: Scapula I: Humerus P: Adducts Humerus



Teres Major

O: Scapula I: Humerus P: Adduct Humerus



Subscapularis

O: Scapula I: Humerus P: Rotates humerus



Coracobrachialis

O: Scapula I: Humerus P: Flex Humerus



Triceps Brachii – Long Head

O: Humerus and Scapula I: Ulna P: Extends forearm



Triceps Brachii – Lateral Head

OIP's are Same as before



Triceps Brachii – medial head

OIP's are same as before



Anconeus

O: Humerus I: Ulna P: Extends forearm



Biceps Brachii

O: Scapula I: Radius P: Flex forearm



Brachialis

O: Humerus I: Ulna P: Flex forearm



Brachioradialis

O: Humerus I: Radius P: Flex forearm



Extensor Digitorum Communis



Extensor Digitorum Lateralis



Extensor Carpi Radialis



Supinator



Extensor Pollicis Brevis



Extensor Carpi Ulnaris



Extensor Indicis



Pronator Teres



Palmaris Longus



Flexor Carpi Radialis



Flexor Carpi Ulnaris



Flexor Digitorum Profundus



Flexor Digitorum Sublimis



Pronator Quadratus



Courtesy of your teacher: John C. Wensley
And student year 2010: Shiva Annamalai

