

triceps  
(long head)

infraspinatus

**teres major**

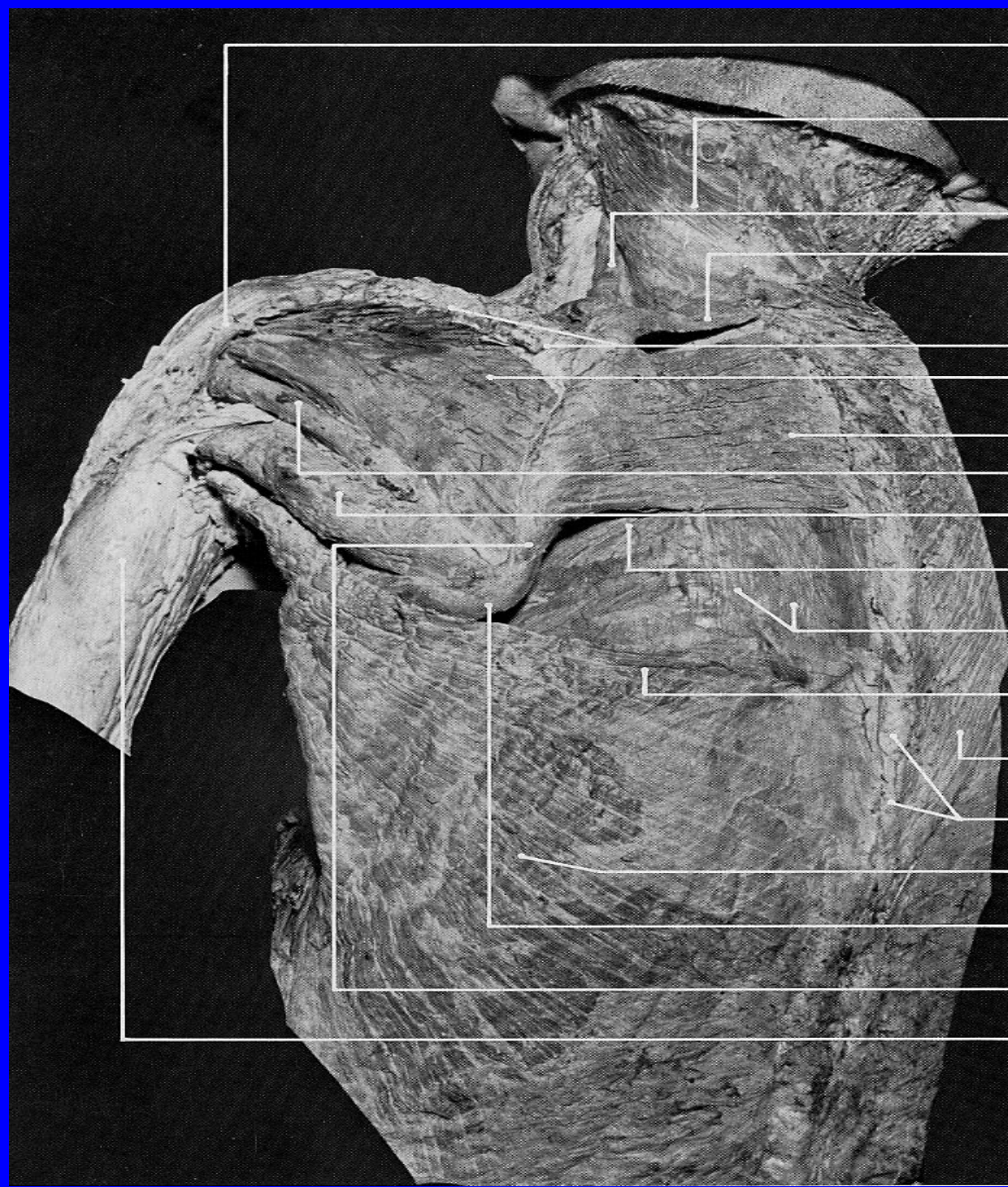
latissimus dor  
(lateral border)

latissimus dor  
(upper border)

trapezius  
(middle portio

trapezius  
(upper portio





deltoid (posterior portion largely cut away)

splenius capitis et cervicis

levator scapulae

rhomboideus minor

spine of scapula

infraspinatus

rhomboideus major

teres minor

teres major

intercostal (external)

lumbodorsal fascia over erector spinae

upper edge of latissimus dorsi

right trapezius (lower portion)

spinous processes of vertebrae

latissimus dorsi

inferior angle of scapula

vertebral border of scapula

triceps (long head)

# TERES MAJOR

**ORIGIN:** dorsal surface of the inferior angle of the scapula.

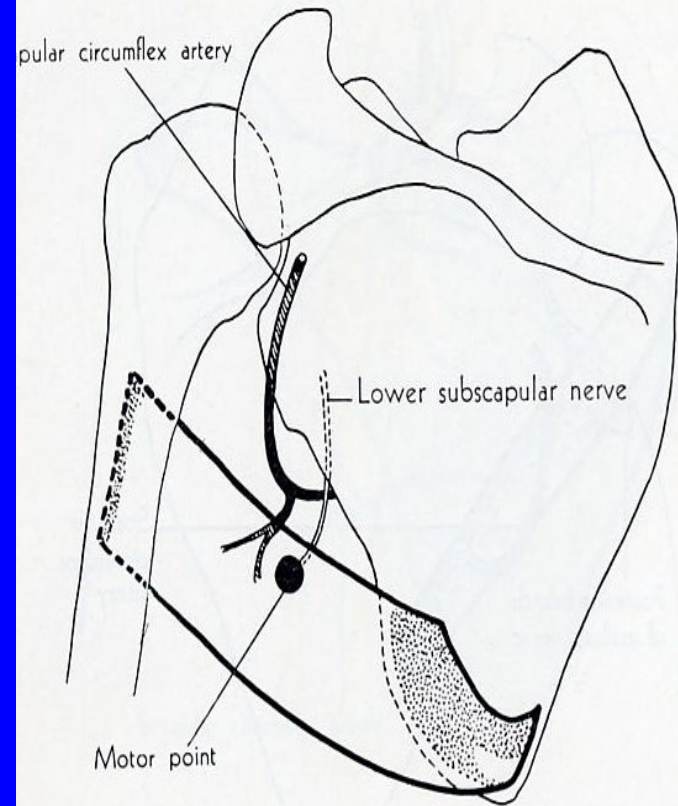
**INSERTION:** medial lip of the bicipital groove of the humerus.

**ACTION:** adduction, internal rotation and extension of the shoulder joint.

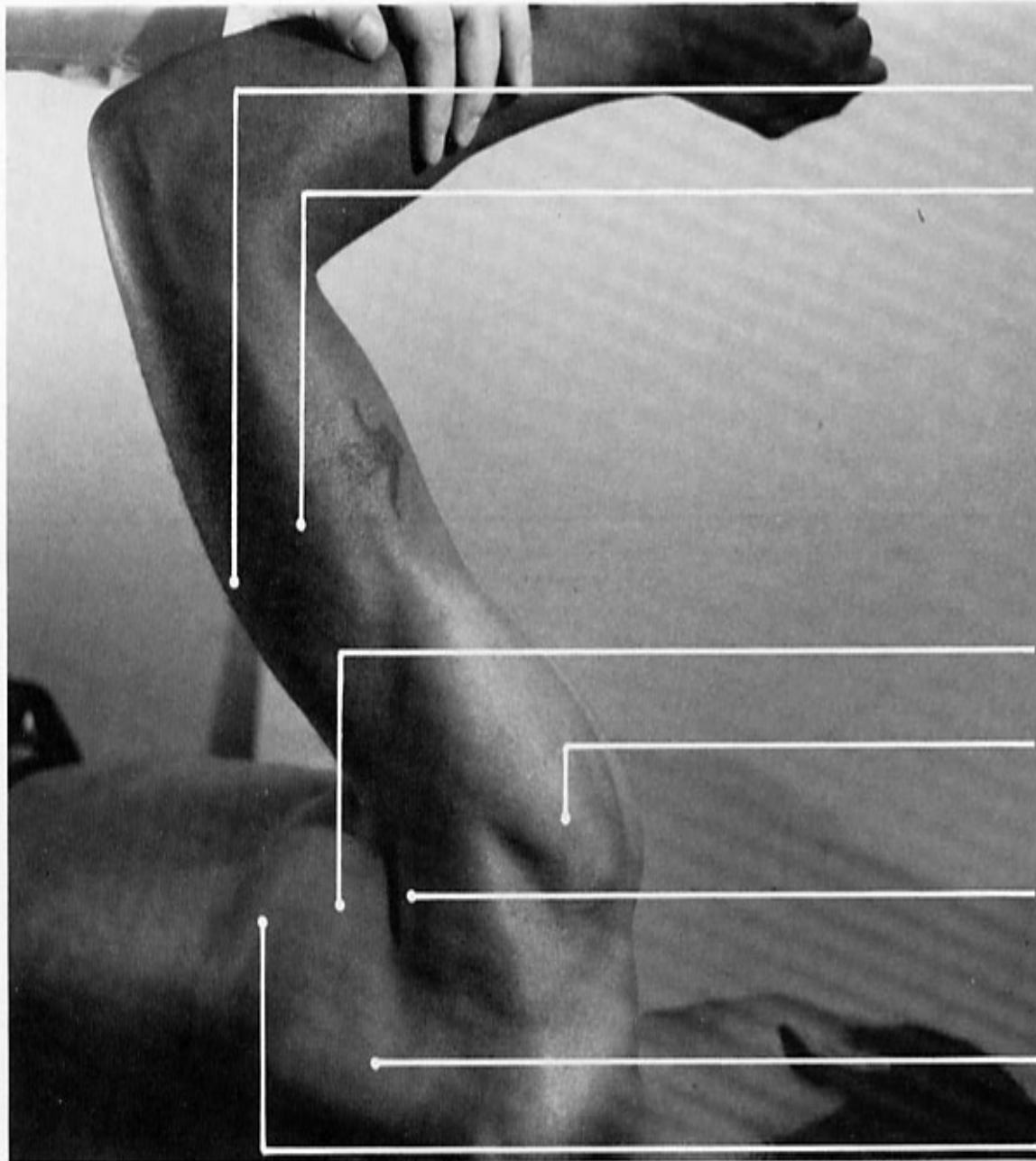
**NERVE:** lower subscapular

**ROOT:** C5, C6, mainly C6

## TERES MAJOR







triceps (long head)

triceps (lateral head)

pin insertion site for **teres minor**

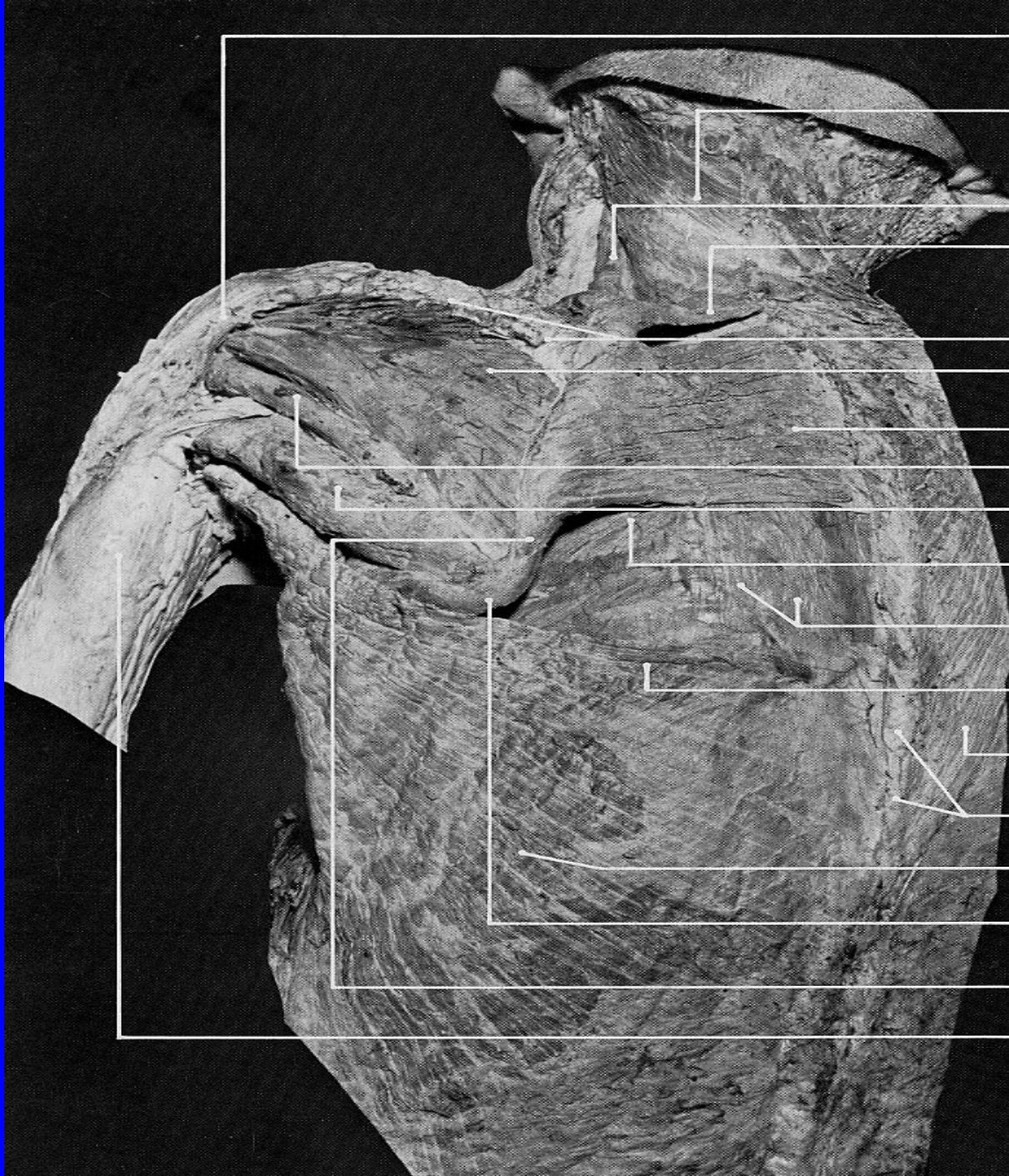
deltoid (middle portion)

lower edge of deltoid (posterior portion)

infraspinatus

teres major





- deltoid (posterior portion largely cut away)
- splenius capitis et cervicis
- levator scapulae
- rhomboideus minor
- spine of scapula
- infraspinatus
- rhomboideus major
- teres minor
- teres major
- intercostal (external)
- lumbodorsal fascia over erector spinae
- upper edge of latissimus dorsi
- right trapezius (lower portion)
- spinous processes of vertebrae
- latissimus dorsi
- inferior angle of scapula
- vertebral border of scapula
- triceps (long head)

# TERES MINOR

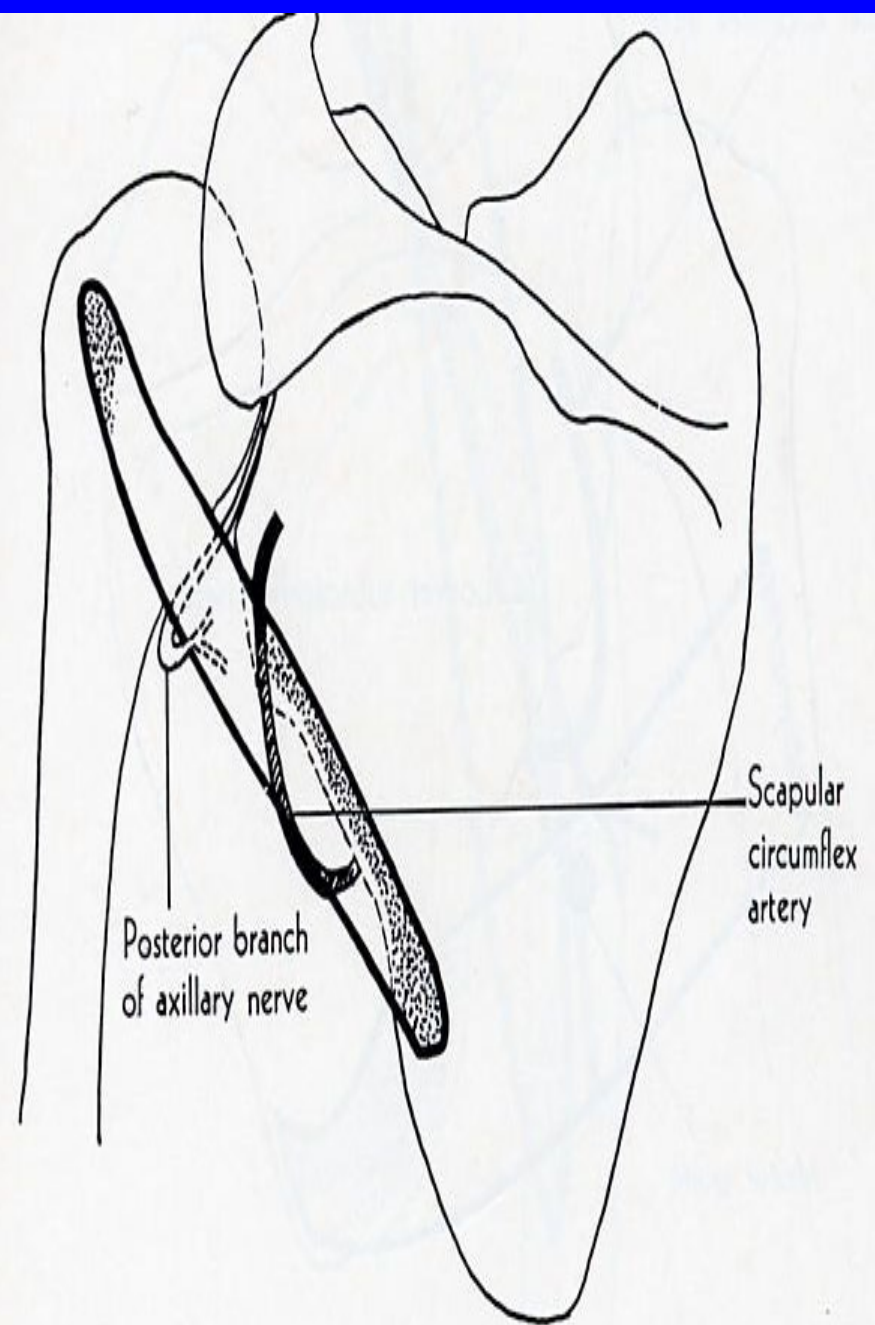
**ORIGIN:** dorsal surface of the axillary border of the scapula.

**INSERTION:** lowest facet of greater tuberosity of humerus; capsule of shoulder joint.

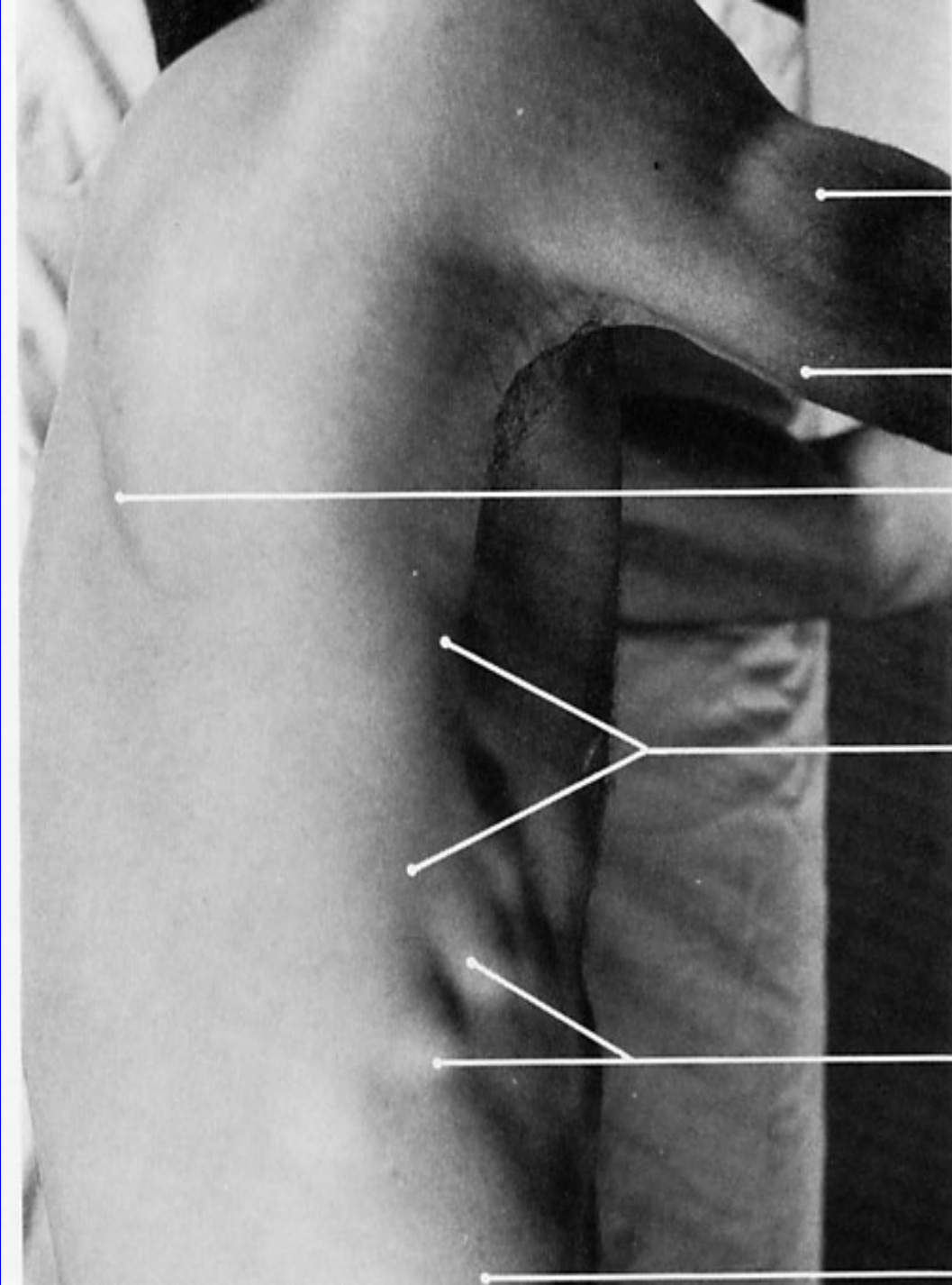
**ACTION:** adduction, external rotation and extension of the shoulder joint.

**NERVE:** posterior branch of axillary.

**ROOT:** C5, C6, mainly C6







triceps (lateral head)

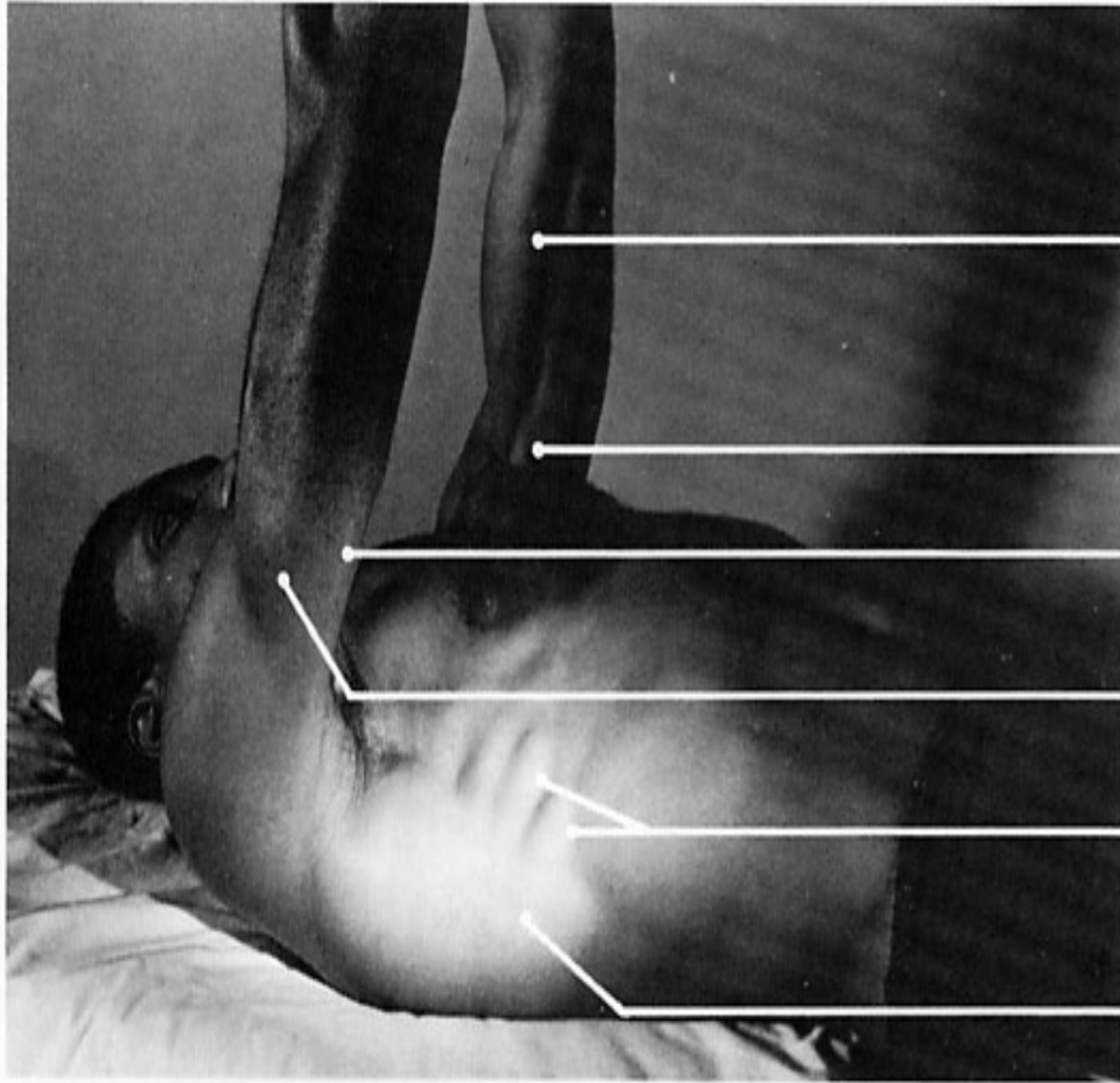
triceps (long head)

medial border of scapula

lateral border of latissimus dorsi

digitations of **serratus anterior**

external oblique



biceps brachii

coracobrachialis

triceps (long head)

triceps (lateral head)

digitations of **serratus anterior**

latissimus dorsi



# SERRATUS ANTERIOR

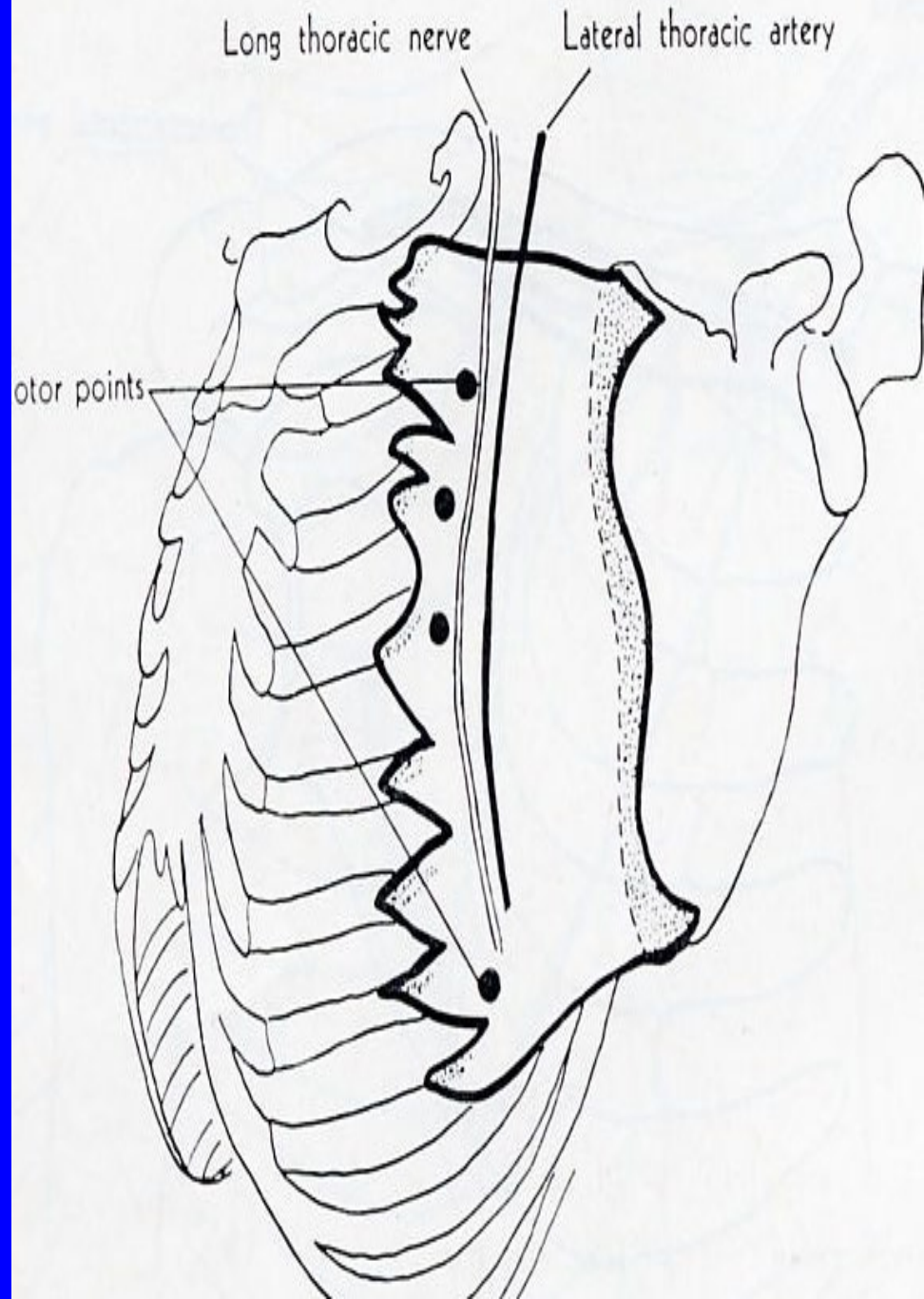
**ORIGIN:** outer surface of upper 8 or 9 ribs.

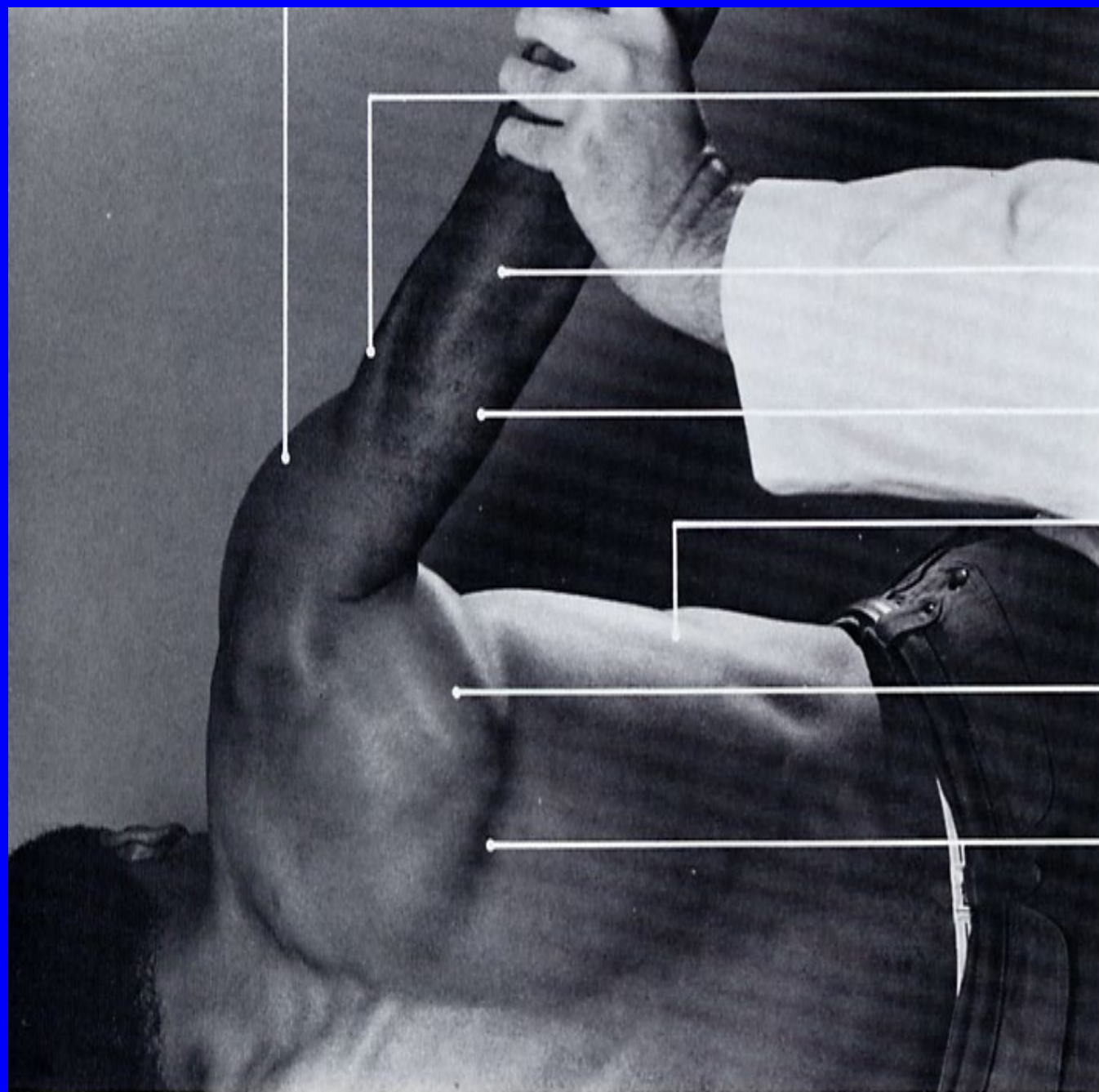
**INSERTION:** costal surface of ventral border of scapula.

**ACTION:** abducts scapula; raises ribs when scapula is fixed.

**NERVE:** long thoracic.

**ROOT:** C5, C6, C7.





triceps (lateral head)

triceps tendon overlying  
medial head of triceps

triceps (long head)

**latissimus dorsi  
(lateral border)**

teres major

**latissimus dorsi  
(upper border)**

FIGURE 2-32 Latissimus dorsi.



# LATISSIMUS DORSI

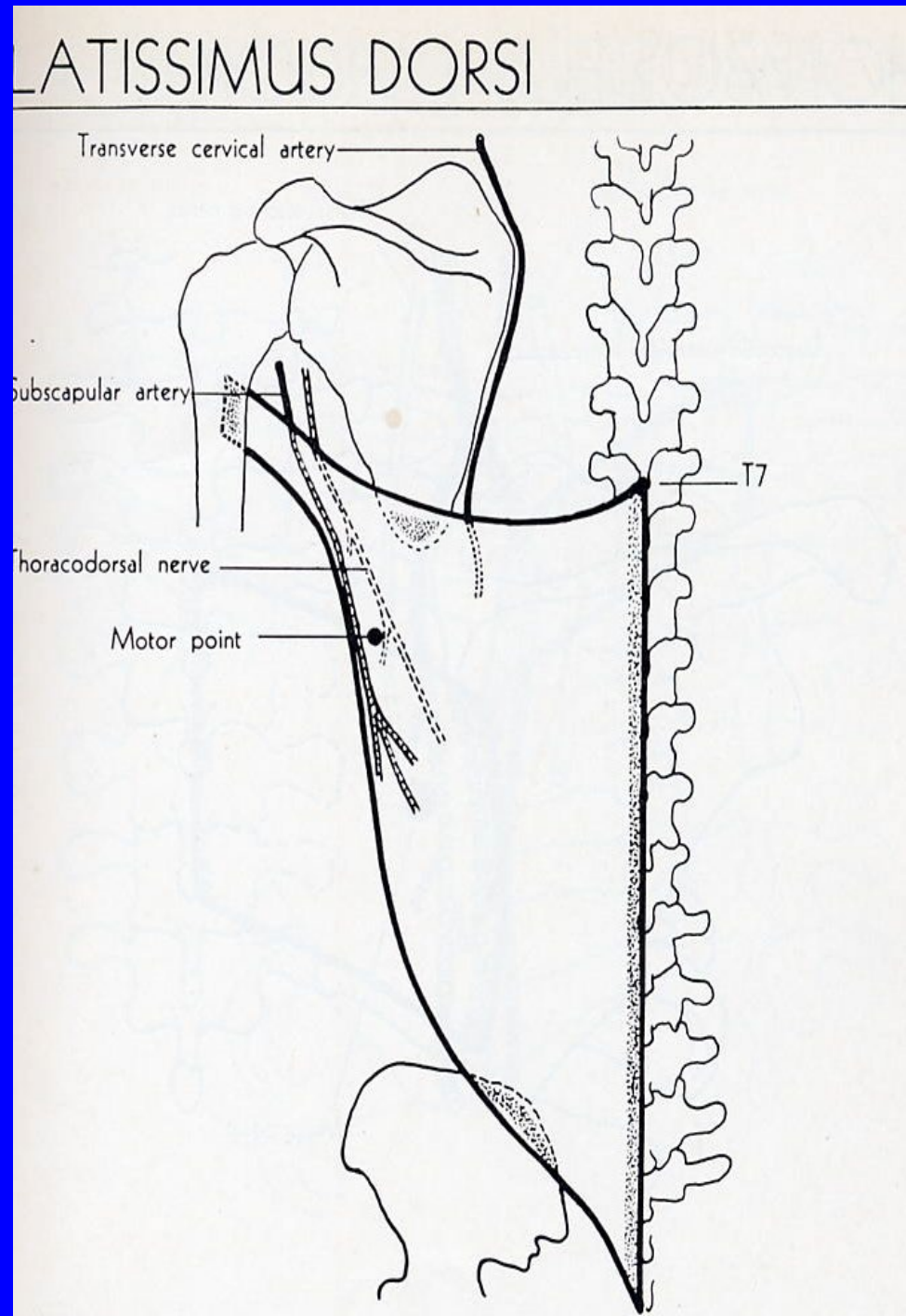
**ORIGIN:** Spines of lower 6 thoracic vertebrae, lumbosacral fascia, crest of ilium, muscular slips from lower 3-4 ribs.

**INSERTION:** Floor of the bicipital groove of the humerus.

**ACTION:** adduction, internal rotation and extension of the shoulder.

**NERVE:** thoracodorsal

**ROOT:** C6, C7, C8





pectoralis major  
(sternal portion)

**pectoralis major  
(clavicular portion, tensed)**

biceps brachii

deltoid  
(anterior portion)

sternocleidomastoid

**pectoralis major  
(clavicular portion, relaxed)**

deltopectoral triangle



sternocleidomastoid (sternal head)

sternocleidomastoid (clavicular head)



digitations of serratus an

pectoralis major (sternal

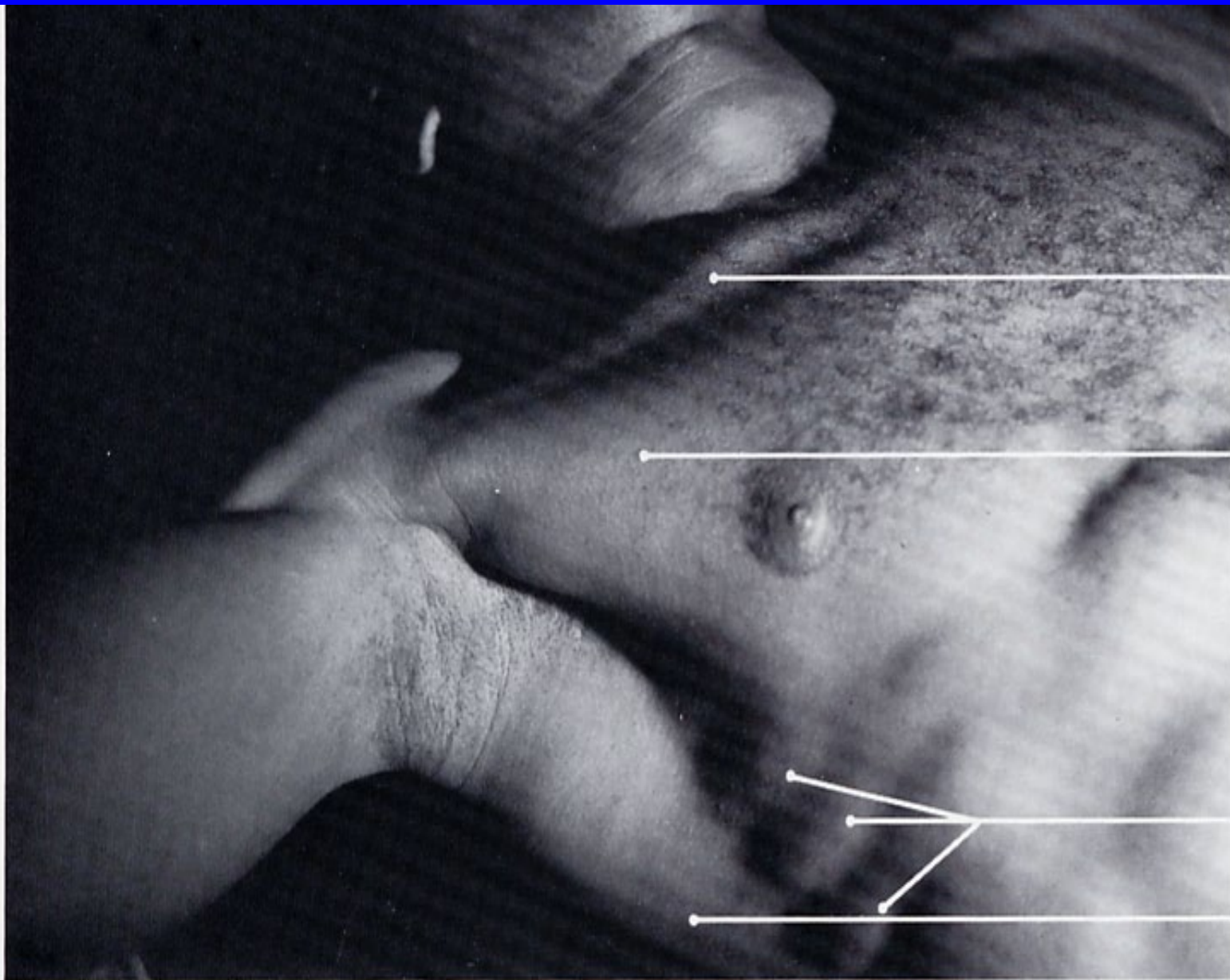
**pectoralis major (clavicu**

deltopectoral triangle

deltoid (anterior portion)

deltoid (middle portion)

levator scapulae



clavicle

**pectoralis major  
(sternal portion)**

serratus anterior

latissimus dorsi

FIGURE 2-34 Pectoralis major (sternal portion).



# PECTORALIS MAJOR

**ORIGIN:** sternal half of the clavicle, sternum to the 7<sup>th</sup> rib, cartilages of the true ribs, aponeurosis of the external oblique muscle.

**INSERTION:** lateral lip of the bicipital groove of the humerus.

**ACTION:** adduction, flexion and internal rotation of the shoulder.

**NERVE:** medial and lateral pectoral nerves.

**ROOT:** Clavicular portion: C5,C6.  
Sternal portion: C7,C8,T1.

