



Human Anatomy in Motion: Arm Muscles

**Jennifer Chu, M.D.
Electrodiagnosis: An Anatomical and Clinical Approach
Lippincott, Phila, 1986**

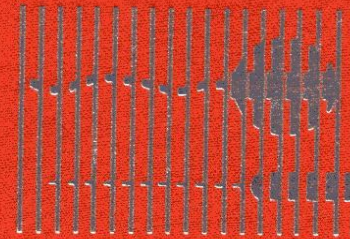
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Chu-Andrews
Johnson

Electrodiagnosis
An Anatomical and Clinical Approach

Electrodiagnosis

An Anatomical and Clinical Approach



Jennifer Chu-Andrews • Robert J. Johnson



Elsevier



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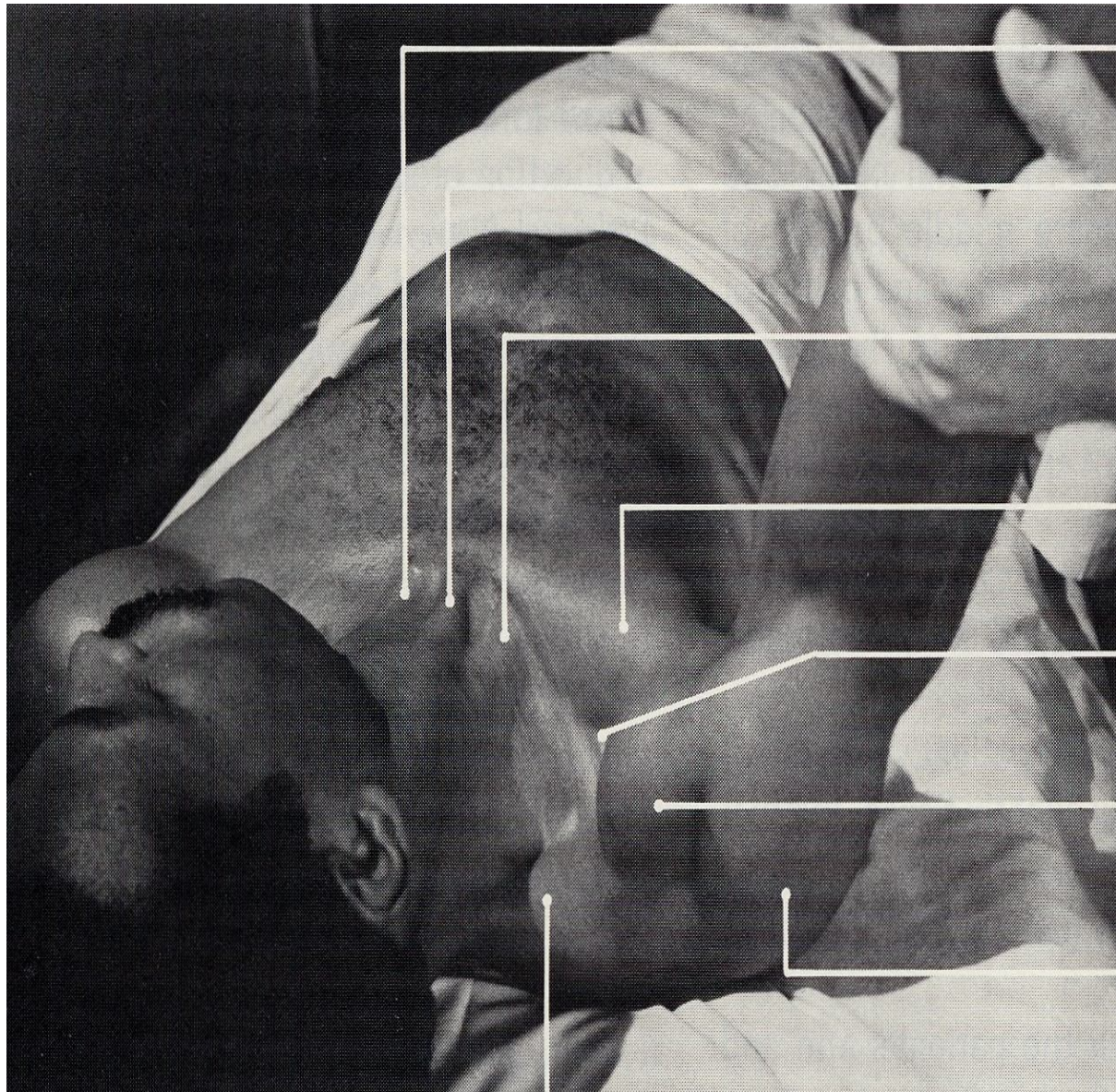
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left sternocleidomasto
(sternal head)

right sternocleidomasto
(sternal head)

right sternocleidomasto
(clavicular head)

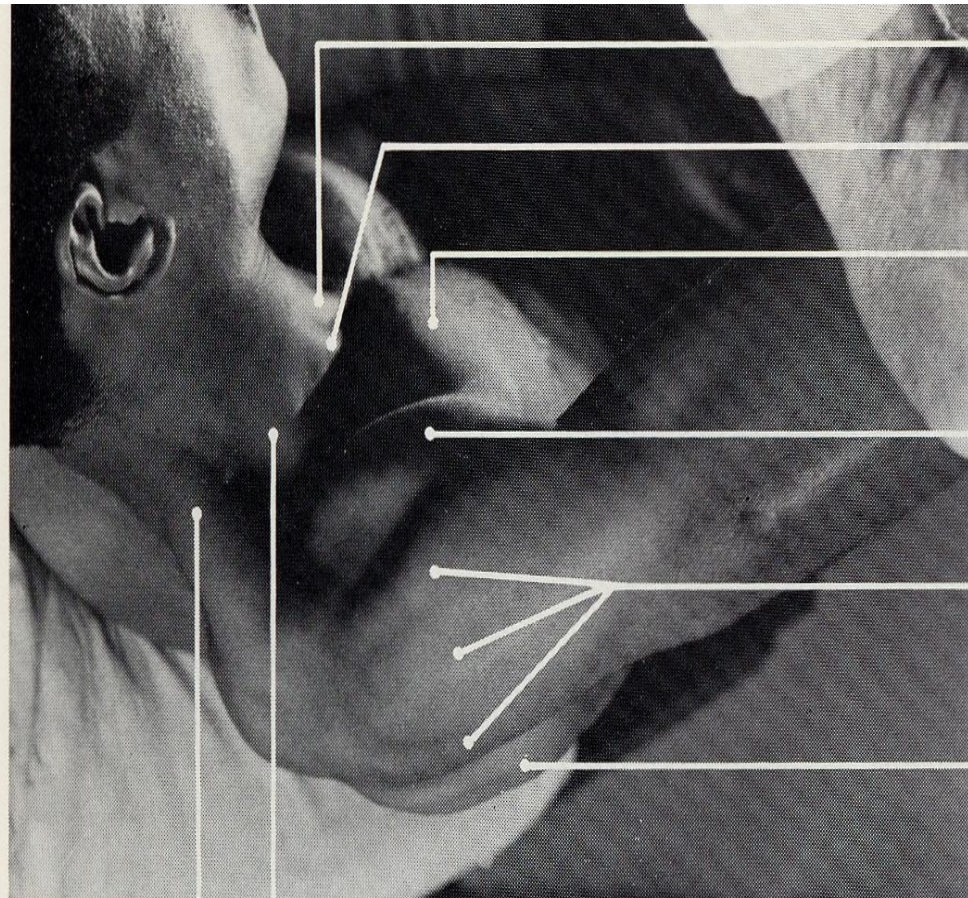
pectoralis major
(clavicular portion)

deltopectoral triangle

deltoid
(anterior portion)

deltoid
(middle portion)

trapezius



sternocleidomastoid (sternal head)

sternocleidomastoid (clavicular head)

pectoralis major (clavicular portion)

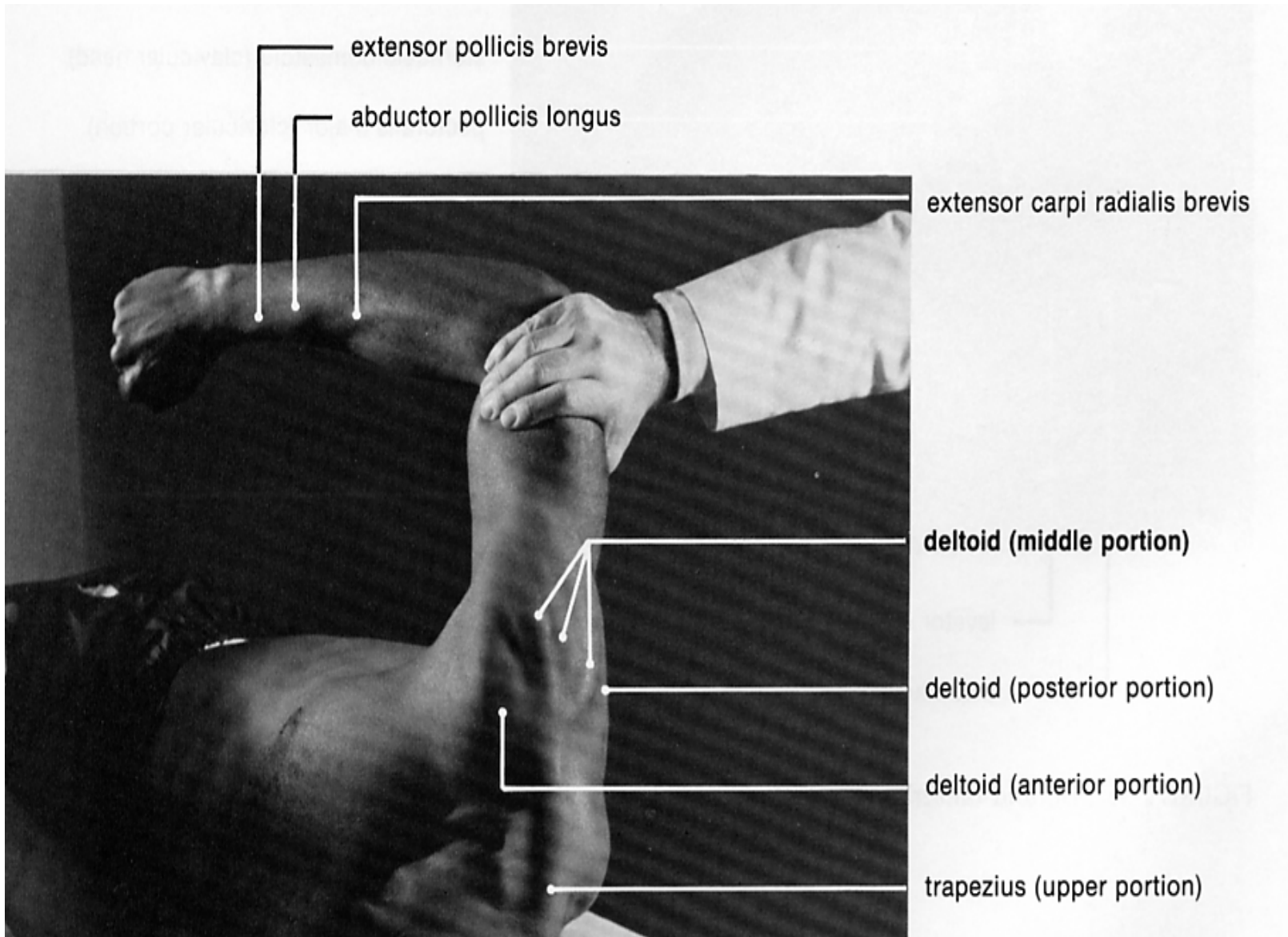
deltoid (anterior portion)

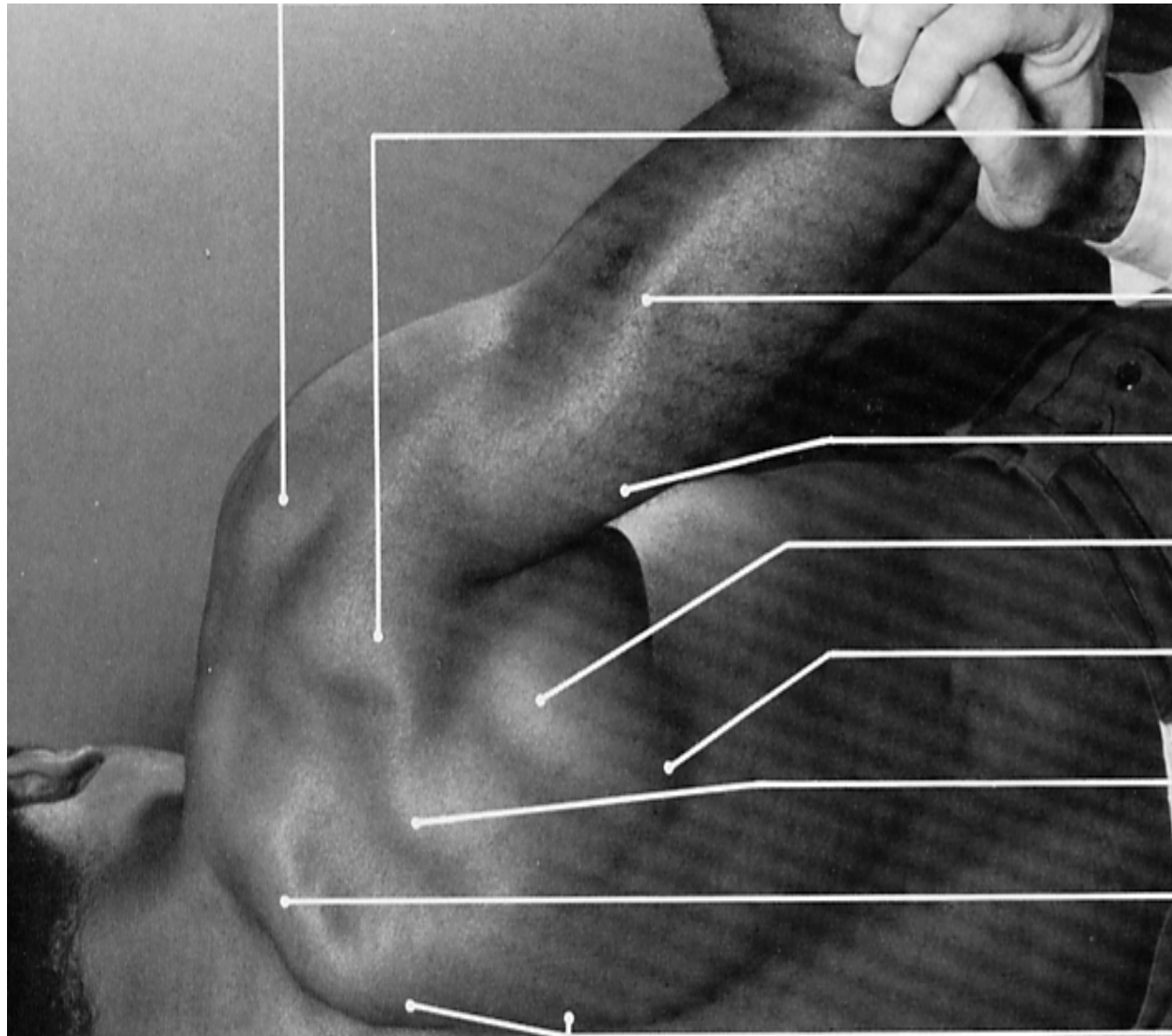
deltoid (middle portion)

deltoid (posterior portion)

levator scapulae

trapezius (upper portion)





(middle portio

deltoid
(posterior po

triceps
(lateral head)

triceps
(long head)

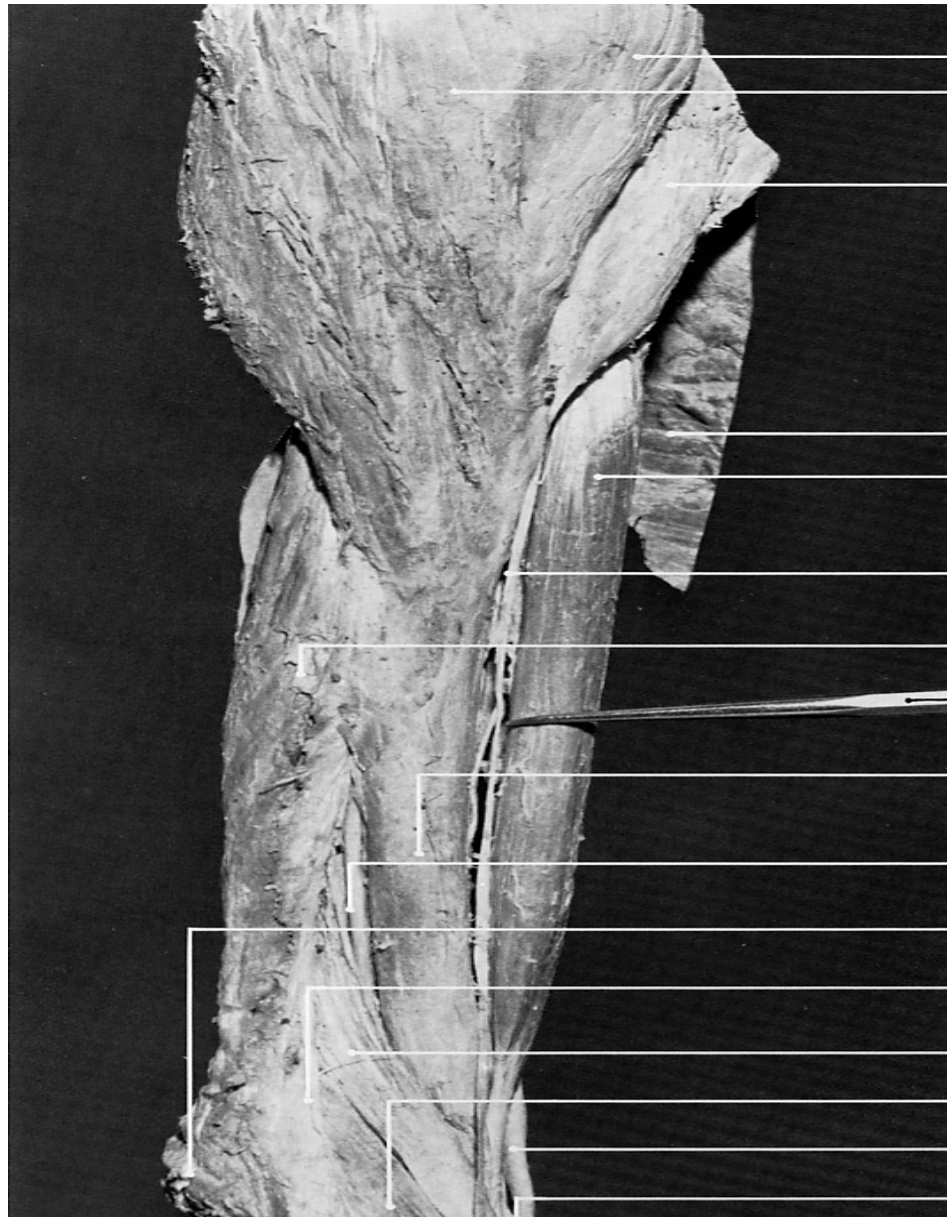
teres major

inferior angle
of scapula

infraspinatus

trapezius
(middle portio

trapezius



deltoid (anterior portion)

deltoid (middle portion)

pectoralis major (displaced up)

serratus anterior

biceps brachii (long head)

musculocutaneous n.

triceps (lateral head)

probe displacing biceps brachii
to reveal musculocutaneous n.

brachialis

radial n.

olecranon

lower lateral brachial cutaneous
(cut off)

brachioradialis

extensor carpi radialis longus

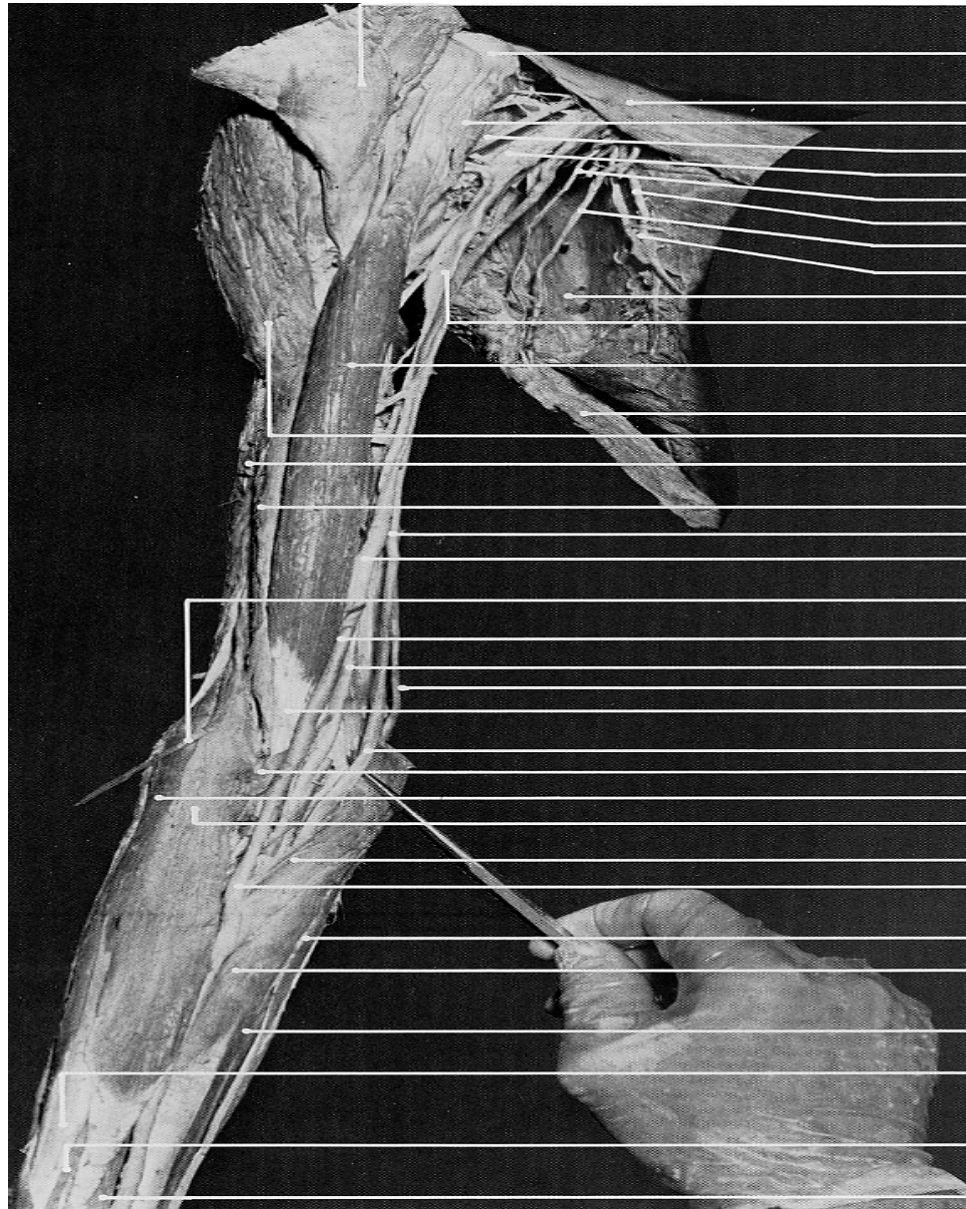
radial a.

bicipital aponeurosis (remnant)



**biceps brachii
(short head)**

Finger pressure
indicates
separability
of the two heads
of biceps brachii



- (cut off and reflected)
- coracoid process
 - pectoralis minor
 - coracobrachialis
 - musculocutaneous n.
 - axillary a.
 - thoracodorsal n.
 - long thoracic n.
 - thoracodorsal a.
 - lateral thoracic a.
 - subscapularis
 - brachial a.
 - biceps brachii
 - latissimus dorsi
 - deltoid
 - triceps (lateral head)
 - brachialis
 - median n.
 - brachial a.
 - lateral antebrachial cutaneous n.
 - radial a.
 - ulnar a.
 - ulnar n.
 - biceps brachii (tendon)
 - median n.
 - bicipital aponeurosis (cut off)
 - extensor carpi radialis longus
 - brachioradialis
 - pronator teres (superficial head)
 - radial a.
 - flexor carpi ulnaris
 - flexor carpi radialis
 - palmaris longus
 - extensor carpi radialis longus (tendon)
 - extensor carpi radialis brevis (part of belly)
 - flexor pollicis longus

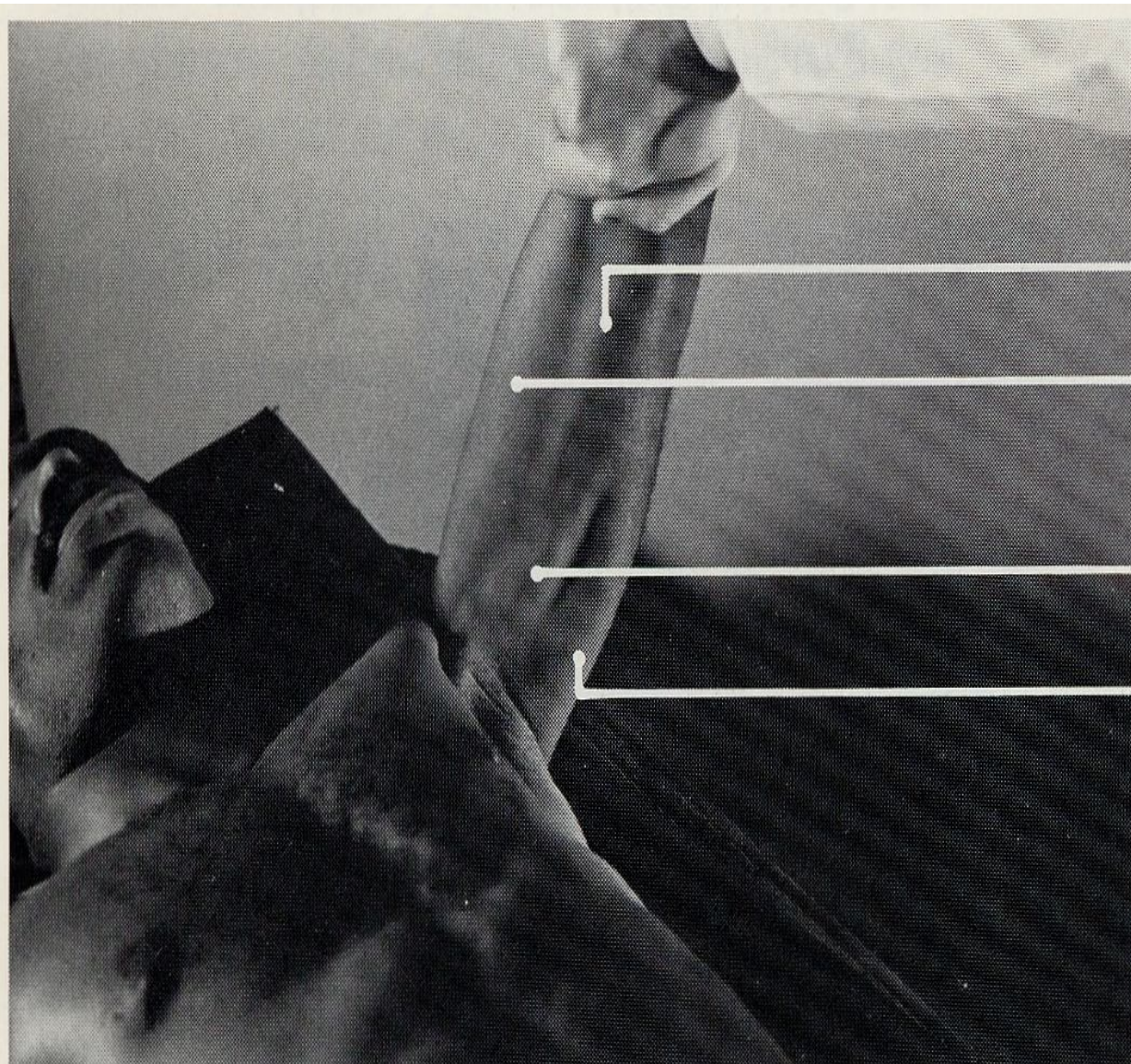


brachialis

biceps brachii

coracobrachialis

triceps
(long head) (in shadow)

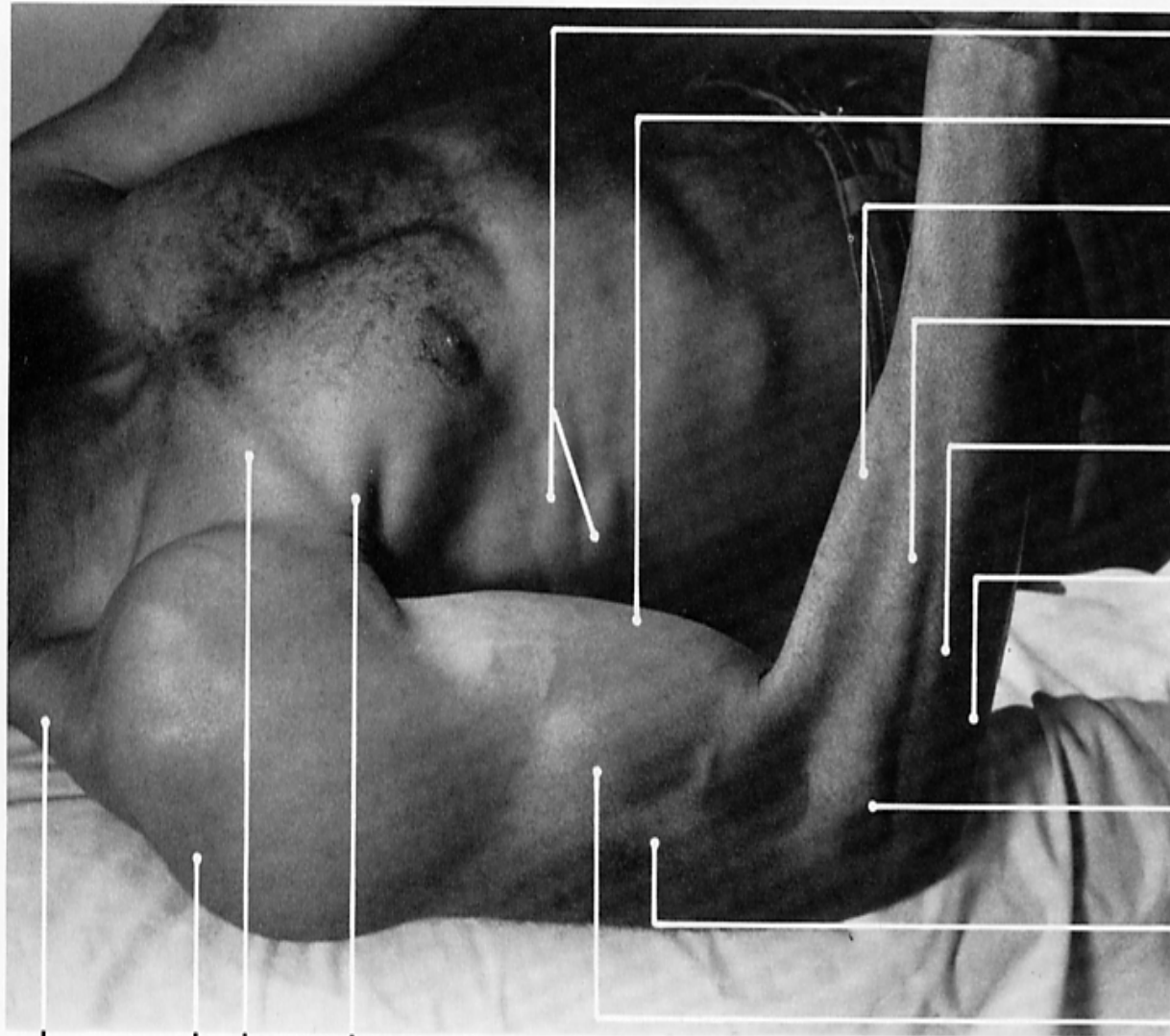


brachialis

biceps brachii

coracobrachialis

triceps (long head)



serratus anterior

biceps brachii

brachioradialis

extensor carpi
radialis brevis

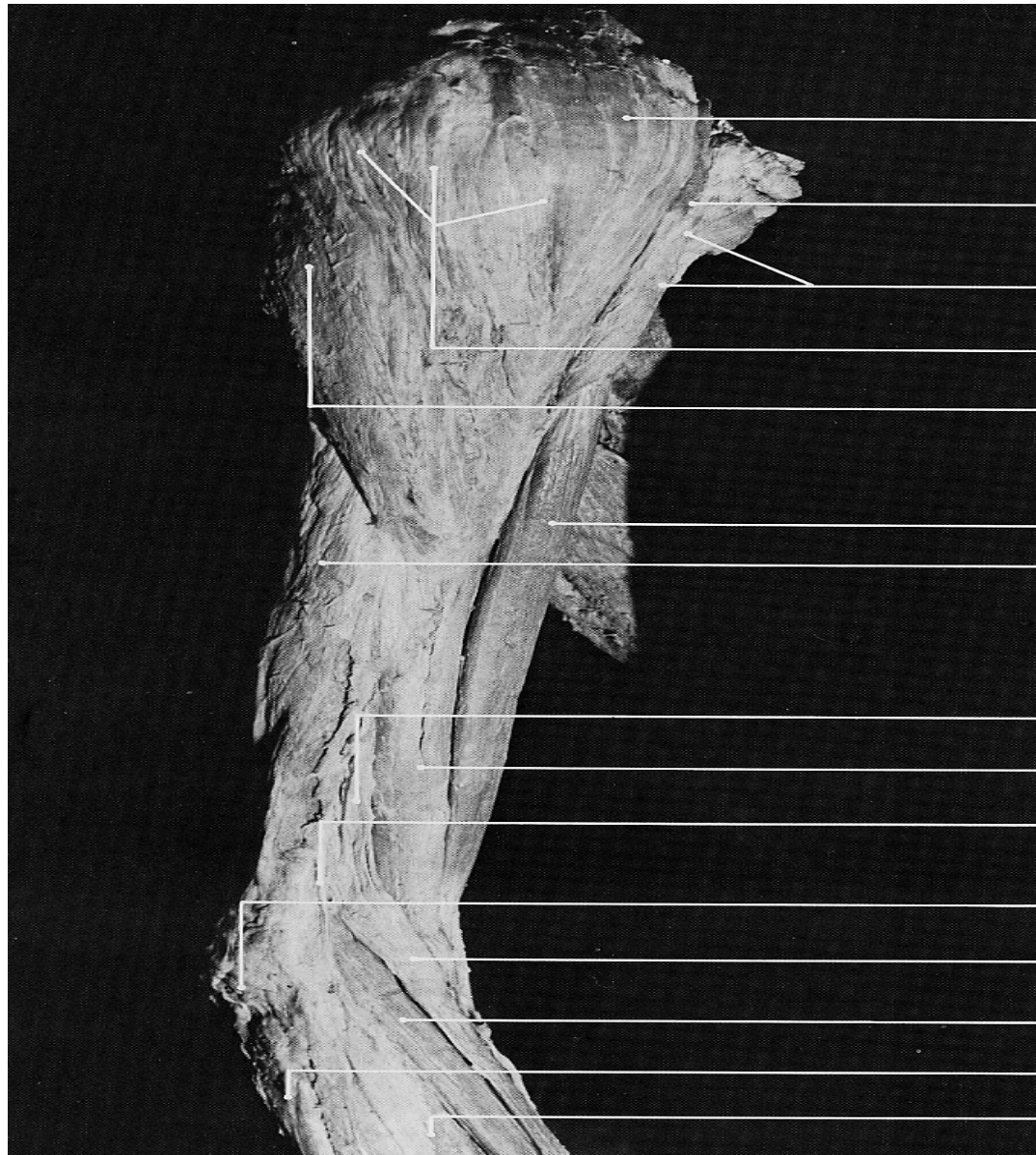
extensor digitorum
(communis)

extensor carpi
ulnaris (in shadow)

extensor carpi
radialis longus

triceps
(lateral head)

brachialis



deltoïd
(anterior portion)

cephalic v.

pectoralis major
(clavicular portion)

deltoïd
(middle portion)

deltoïd
(posterior portion)

biceps brachii

triceps (lateral head)

lateral intermuscular
septum

brachialis

lower lateral brachial
cutaneous n.
(cut off)

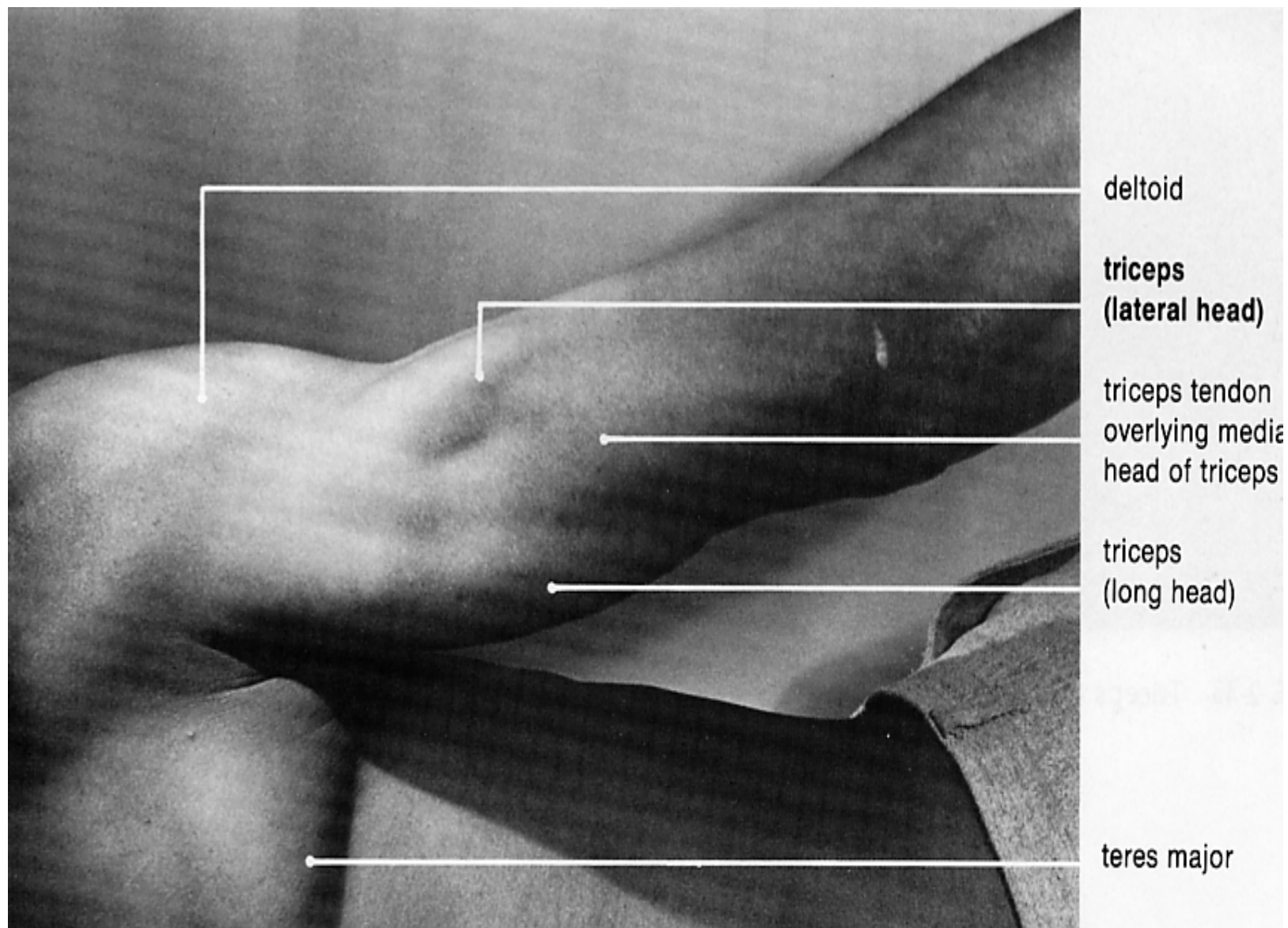
olecranon

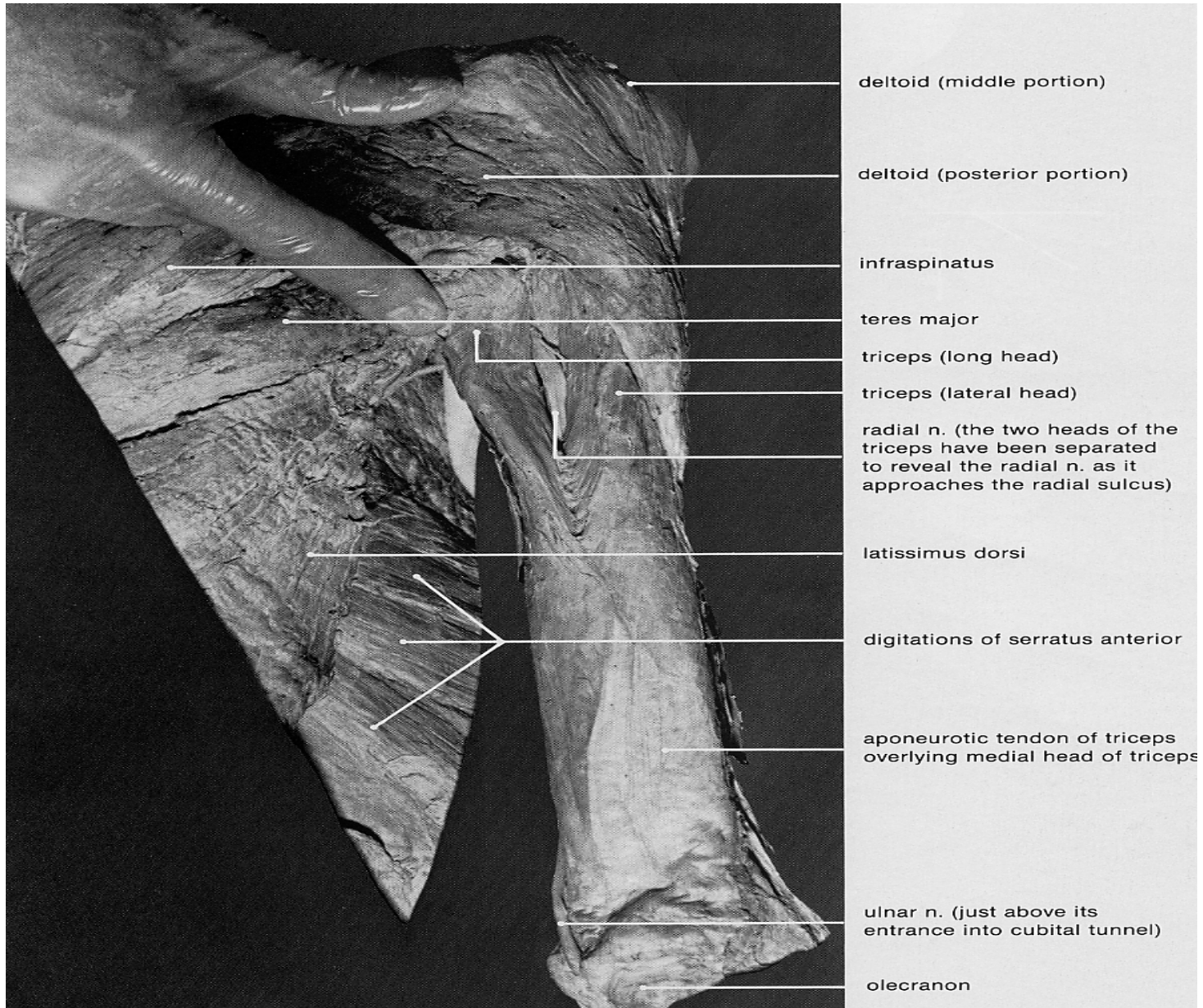
brachioradialis

extensor carpi
radialis longus

anconeus

extensor digitorum
(communis)





deltoid (middle portion)

deltoid (posterior portion)

infraspinatus

teres major

triceps (long head)

triceps (lateral head)

radial n. (the two heads of the triceps have been separated to reveal the radial n. as it approaches the radial sulcus)

latissimus dorsi

digitations of serratus anterior

aponeurotic tendon of triceps overlying medial head of triceps

ulnar n. (just above its entrance into cubital tunnel)

olecranon