

NERVE SUPPLY TO THE BRACHIUM

By definition the Brachium would refer to the area of the arm (humerus) and scapula (shoulder).

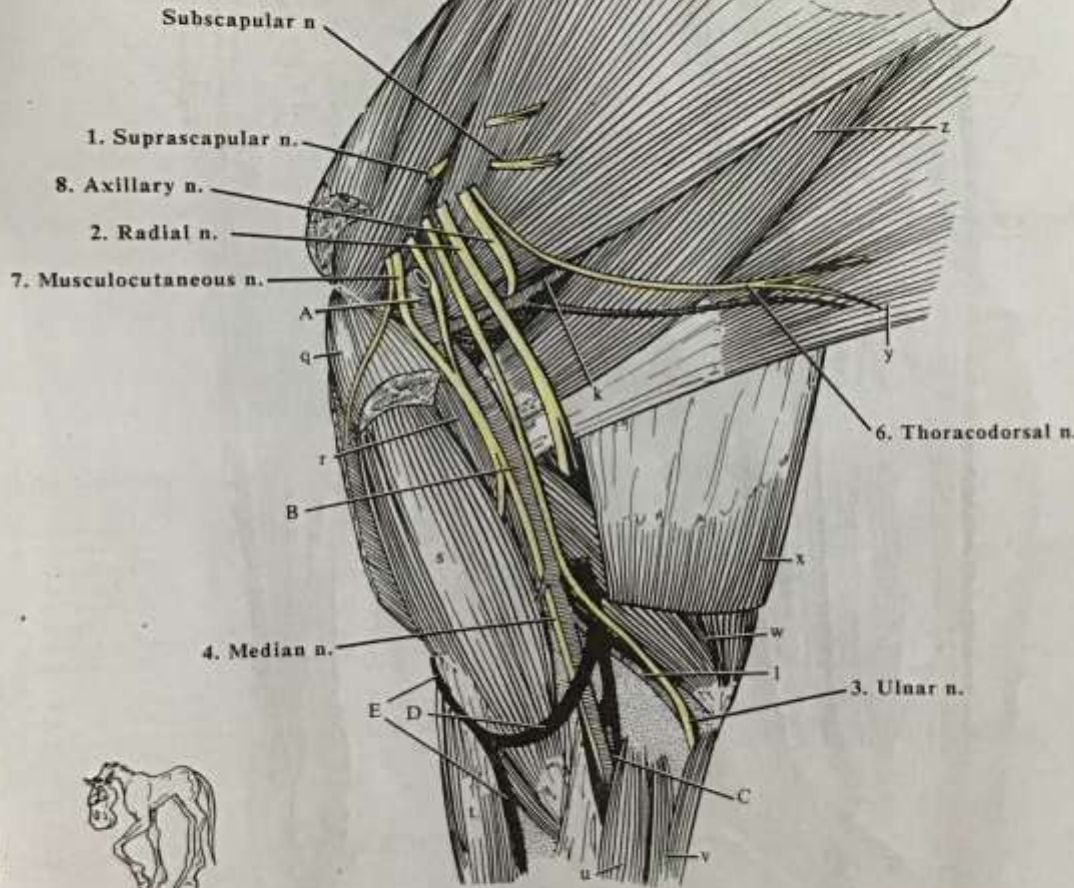


The Brachium

NERVES - HORSE - THORACIC LIMB

Thoracic limb-491

Fig. X-59 - Horse - Rt. shoulder & arm
- med. view



- | | | | |
|----------------------|--|-----------------------------|----------------------------------|
| A. Axillary a. | a. Med. cutan. antibrachial n. (musculocutaneous n.) | h. Med. palmar digital n. | r. Coracobrachialis m. |
| B. Brachial a. | b. Caud. cutan. antibrachial n. (ulnar n.) | i. Lat. palmar n. | s. Biceps brachii m. |
| C. Median a. & v. | c. Lat. cutan. antibrachial n. (radial n.) | j. Lat. palmar digital n. | t. Extensor carpi radialis m. |
| D. Median cubital v. | d. Radial n., deep br. | k. Subscapular a. | u. Flexor carpi radialis m. |
| E. Cephalic v. | e. Ulnar n., dors. br. | l. Collateral ulnar a. & v. | v. Flexor carpi ulnaris m. |
| F. Med. a. & v. | f. Communicating br. | m. Accessory cephalic v. | w. Triceps brachii m. |
| G. Digital a. & v. | g. Med. palmar n. | n. Radial a. & v. | x. Tensor fasciae antibrachii m. |
| | | o. Med. palmar a. & v. | y. Latissimus dorsi m. |
| | | p. Med. digital a. & v. | z. Teres major m. |
| | | q. Deep pectoral m. | |

Nerves of Interest include:

- Suprascapular
- Subscapular
- Axillary
- Pectoral
- Long thoracic
- Thoracodorsal
- Musculocutaneous



Nerve	Motor Function To...	Sensory Function To...
Suprascapular	<ul style="list-style-type: none"> • Supraspinatus m • Infraspinatus m 	
Subscapular	<ul style="list-style-type: none"> • Subscapular m 	
Pectoral	<ul style="list-style-type: none"> • Pectoral m 	
Long thoracic	<ul style="list-style-type: none"> • Serratus ventralis m 	
Thoracodorsal	<ul style="list-style-type: none"> • Latissimus dorsi m 	
Lateral thoracic	<ul style="list-style-type: none"> • Cutaneous trunci 	<ul style="list-style-type: none"> • Ventral thoracic walls • Ventral abdominal walls
Musculocutaneous <ul style="list-style-type: none"> • Medial cutaneous br 	<ul style="list-style-type: none"> • Coracobrachialis m • Biceps brachii m • Brachialis m 	<ul style="list-style-type: none"> • Medial forearm
Axillary	<ul style="list-style-type: none"> • Teres major m • Teres minor m • Deltoides 	<ul style="list-style-type: none"> • Cranial arm

