

l of the arm

medial

Flexor muscles: coracobrachialis, brachiali, and biceps brachii Brachial artery and its 2 venae comitantes Basilic vein (at the upper half of the arm) anterior of the Median nerve Ulnar nerve (in the upper half of the arm) Musculocutaneous nerve Triceps muscle Radial nerve Profunda brachii vessels posterior of Superior ulnar collateral the arm vessels Posterior branch of inferior ulnar collateral from the infraglenoid tubercle long head from the back of the humerus above medial head origin the spiral groove from the back of the humerus below the spiral groove lateral head insertion Olecranon process of ulna TRICEPS radial nerve nerve supply MUSCLE Main extensor of the elbow Long head shares in stability of shoulder actions The long head helps in adduction

of abducted arm

A Mendershare	A World of the last of the las	I 4 And	- 4 - Welderhind	Worlder Hard	the deep facial of the	
	compatrments		It is divided into 2 compartments: anterior and posterior by:		the lateral and media intermuscular septa	
	of the arm				the humerus	
Ang de share	medial intermuscular	It is a fascial sheet that connects the medial supracondylar ridge of the humerus with the deep fascia of the arm It is pierced by ulnar nerve at the middle of				
Angdesthate	septum	the arm	A Helder Hard	A Honder that	A Work	elektrike guntife
		It is a fascial sheet that connects the lateral supracondylar ridge of the humerus with the				

deep fascia of the arm

It is pierced by radial nerve at the junction

between middle and lower thirds of the arm

anatomy of the

arm

lateral

septum

intermuscular



from the lower half of the front of the shaft of humerus and the front of the 2 intermuscular septa origin Coracobrachialis Coronoid process of ulna insertion Musculocutaneous nerve & Brachialis radial nerve for its lateral part nerve supply muscle the muscle is the main flexor of elbow joint actions ANTERIOR COMPARTMENT It is a branch of the lateral cord of OF THE ARM brachial plexus origin course & relations It terminates by continuing as the lateral cutaneous Musculocutaneou termination nerve of the forearm s nerve (C5, 6, 7) 2 heads of biceps brachii muscular Coracobrachialis branches to: branches The greater part of brachialis changes that occur at the level of insertion of coracobrachialis The radial nerve The ulnar nerve: & profunda The basilic vein: brachii artery: pierces the descend on the pierces the medial deep fascia to intermuscular back of ascend medial septum to reach humerus to brachial through the the posterior spiral groove compartments artery The medial The median The nutrient cutaneous nerve, crosses artery of the in front of nerve of the arm humerus enters and forearm: brachial artery

pierces the

fascia

deep fascia to

pass through

the superficial

Tip of coracoid process (with short head of biceps brachii) Middle of medial aspect of the insertion humerus Musculocutaneous nerve nerve supply It helps in flexion and adduction of the arm

from the tip of the short head coracoid process from the supraglenoid tubercle of

muscle

Biceps brachii

muscle

into the bone

from lateral to

medial

origin the scapula (intracapsular, extrasynovial)

Posterior part of the radial tuberosity

insertion Bicipital aponeurosis into the deep fascia of the cubital fossa

Musculocutaneous nerve nerve supply

flexor of the elbow

powerful supinator of the flexed action forearm

> Long head helps in stabilization of shoulder joint

> > N.B. The bicipital aponeurosis separates the brachial artery from median cubital vein.