

UPPER ARM NEUROVASCULAR CHART

Anatomical Reference: Brachium Region

[Anterior View Diagram Placement]

Major Arterial Supply

Structure	Pathway/Supply
Brachial Artery	Main supply; continuation of axillary artery.
Profunda Brachii	Deep artery; travels in radial groove.
Sup. Ulnar Collateral	Accompanies ulnar nerve to elbow.

Primary Innervation

Nerve	Motor Function
Musculocutaneous	Biceps brachii, Brachialis.
Median	No branches in arm; travels medially.
Radial	Triceps brachii (all heads).
Ulnar	No branches in arm; posterior to medial epicondyle.

Clinical Landmarks

Radial Groove: Site of potential radial nerve injury via humeral shaft fracture.

Cubital Fossa: Contains brachial artery and median nerve (Medial to Biceps tendon).

Educational Template – For Study Purposes Only – Anatomical Accuracy Subject to Variation