

ARTERIAL SUPPLY TO MUSCLES OF UPPER LIMB

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KGMC

1. TRAPEZIUS

Transverse cervical artery
Dorsal scapular artery
Posterior intercostal arterial branches

2. DELTOID

Thoracoacromial artery (acromial and deltoid branches)
the circumflex humeral arteries
the profunda brachii artery (deltoid branch).

3. LEVATOR SCAPULAE

Dorsal scapular artery

4. RHOMBOID MINOR

Dorsal scapular artery

5. RHOMBOID MAJOR

Dorsal scapular artery

6. SUPRASPINATUS

Suprascapular artery

7. INFRASPINATUS

Suprascapular artery
Circumflex scapular artery

8. TERES MINOR

Subscapular artery
Circumflex scapular artery
Posterior circumflex humeral artery

9. TERES MAJOR

Subscapular artery
Circumflex scapular artery

10. TRICEPS BRACHII

Deep brachial artery

11. PECTORALIS MAJOR

Pectoral branch of the thoraco-acromial artery

12. PECTORALIS MINOR

Thoracoacromial artery

13. SUBCLAVIUS

Clavicular artery

14. SERRATUS ANTERIOR

Lateral thoracic artery
Superior thoracic artery
Thoracodorsal artery

15. SUBSCAPULARIS

subscapular, suprascapular and circumflex scapular arteries

16. LATISSIMUS DORSI

Thoracodorsal artery
A branch of subscapular artery

17. BICEPS BRACHII

Brachial artery

18. CORACHOBRACHIALIS

Brachial artery

19. BRACHIALIS

Radial recurrent artery
Brachial artery

20. SUPINATOR

Radial recurrent artery

21. PRONATOR TERES

Ulnar artery
Radial artery

22. PRONATOR QUADRATUS

Anterior interosseous artery

23. ANCONEUS

Recurrent posterior interosseous artery

Medial collateral artery
Posterior branch of radial collateral artery

24. FLEXOR CARPI ULNARIS

Posterior ulnar recurrent artery
Ulnar artery

25. PALMARIS LONGUS

Anterior ulnar recurrent artery
Median artery

26. FLEXOR CARPI RADIALIS

Recurrent ulnar arteries
Radial artery

27. FLEXOR DIGITORUM SUPERFICIALIS

Ulnar artery
Radial artery
Median artery

28. FLEXOR DIGITORUM PROFUNDUS

Ulnar artery
common interosseous artery
ulnar collateral artery
ulnar recurrent
anterior interosseous artery
median arteries

29. FLEXOR POLLICIS LONGUS

Ulnar artery
Radial artery

30. EXTENSOR CARPI RADIALIS LONGUS

Radial artery

31. EXTENSOR CARPI RADIALIS BREVIS

Radial artery

32. EXTENSOR DIGITORUM

Posterior interosseous artery
radial recurrent artery
anterior interosseous artery

33. EXTENSOR DIGITI MINIMI

Radial recurrent artery

anterior interosseous artery
posterior interosseous artery

34. EXTENSOR CARPI ULNARIS

Ulnar artery

35. ABDUCTOR POLLICIS LONGUS

Interosseous branch of ulnar artery

36. EXTENSOR POLLICIS BREVIS

Posterior interosseous artery

Anterior interosseous artery

37. EXTENSOR POLLICIS LONGUS

Posterior interosseous artery

Anterior interosseous artery

38. EXTENSOR INDICES

Posterior interosseous artery

Anterior interosseous artery

39. PALMARIS BREVIS

Superficial palmar arch

40. DORSAL INTEROSSEI (FOUR MUSCLES)

The 1st dorsal interosseous muscle receives vascular supply from the first dorsal metacarpal branch of the radial artery.

The 2nd, 3rd, and 4th dorsal interossei receive blood supply from the second, third, and fourth dorsal metacarpal branches of the dorsal carpal anastomosis

41. PALMAR INTEROSSEI

Palmar metacarpal arteries derived from deep palmar arch

42. ADDUCTOR POLLICIS

deep palmar arterial arch, formed by the anastomosis of the radial artery and the deep palmar branch of ulnar artery.

43. LUMBRICALS (FOUR MUSCLES)

the superficial palmar arch (SPA), the common palmar digital artery, the deep palmar arch (DPA) and the dorsal digital artery.

44. OPPONENS POLLICIS

superficial palmar branch that arises from the radial artery.

45. ABDUCTOR POLLICIS BREVIS

Superficial palmar branch of radial artery

46. FLEXOR POLLICIS BREVIS

from branches of the radial artery; superficial palmar artery, branches of the princeps pollicis artery and radialis indicis artery.

47. OPPONENS DIGITI MINIMI

deep palmar branch of ulnar artery and the deep palmar arch, which is the terminal branch of the radial artery.

48. ABDUCTOR DIGITI MINIMI

palmar branch of ulnar artery, palmar digital artery, as well as branches of the ulnar side of the superficial palmar arch

49. FLEXOR DIGITI MINIMI BREVIS

Deep palmar branch of ulnar artery