

Nerves

Muscle branch: Deltoid and terse minor

→ Axillary nerve

↳ passes through quadrangular space to turn around surgical neck

↳ cutaneous branches → for skin of lateral ~~but~~ deltoid

⇒ long thoracic nerve → on serratus anterior.

Pectoralis major muscle

↳ lateral and medial pectoral nerve

↳ "only muscle of upper limb supplied by 5 segment brachial plexus"

* The Deltoid branch of thoraco acromial artery in Deltopectoral groove

* cephalic vein in Deltopectoral groove.

* Pectoralis minor → medial pectoral nerve

* subclavius → upper trunk (C5, C6)

* The structure pierced the clavifectoral fascia.

↳ cephalic vein / Thoraco acromial artery / lateral pectoral nerve / Lymphatics vessels

* Serratus Anterior → long thoracic nerve (C5, 6, 7) N. serratus

(passes superficial)

* Trapezius muscle → motor spinal part of accessory nerve.

↳ Not supplied by brachial plexus → sensory (proprioceptive sensation) from cervical plexus

* Latissimus dorsi → N. latissimus dorsi (thoracodorsal nerve)

(C8 + T8)

Llevator muscle

→ N. Dorsal scapular (nerve to rhomboids (C5))
→ N. levator scapular from cervical plexus (C5)

Romboideus minor + major

→ Dorsal scapular nerve (nerve to rhomboids (C5))

* Subscapularis → upper and lower subscapular nerves.

* Supraspinatus → supra scapular n

* Infraspinatus → " " "

* Teres minor → Axillary n.

* Teres major → lower subscapular n.

* Quadrangular space contents → Axillary n.
↳ post. circumflex humeral vessel

* Upper (medial) triangular space contents → circumflex scapular vessel

* Lower (lateral) triangular space content → Radial n.
↳ profunda brachii vessels.

* Deltoid muscle → Axillary n.