

muscles in action an pdf

MUSCLE ORIGIN, INSERTION, AND ACTION LIST CHARTS Muscle Origin, Insertion, and Action List Charts 81 Muscles of Facial Expression (that do not work by crossing a joint) ACTION ORIGIN INSERTION Orbicularis oculi Closes eye (squint), lowers eyebrows Frontal bone and maxilla Eyelid Orbicularis oris Closes lips (purses, protrudes)

MUSCLE ORIGIN, INSERTION, AND ACTION LIST CHARTS

List of Muscles and Function Region View Muscle Function Facial Anterior/Oblique Occipitofrontalis front belly Raises eyebrows Orbicularis oculi Closes eye Orbicularis oris Purse lips Zygomaticus minor/major Elevates & retracts lip and mouth

List of Muscles and Function - San Diego Miramar College

ACTION: flexes / abducts thigh (Lateral view) Muscles Moving Thigh - Anterior Tensor fasciae latae ORIGIN: anterior superior iliac spine (ilium) INSERTION: medial surface of proximal tibia INNERVATION: femoral nerve ACTION: flexes / abducts / laterally rotates thigh (Anterior view) Muscles Moving Thigh - Anterior Sartorius ORIGIN: pubis INSERTION:

Muscles Moving Thigh - Anterior Muscles of the Lower Limb

Muscle Name Origin Insertion Action Innervation Muscles of Upper Extremity Pectoralis Major Medial half of clavicle, front of sternum, costal cartilage Crest of greater tubercle (Lateral lip of bicipital groove) Horizontally adduct, medially rotate at shoulder Medical and lateral pectoral

Muscle Name Origin Insertion Action Innervation Muscles of

General Anatomy of Skeletal Muscle General features of striated muscle, its auxiliary structures, motor end plate, motor unit, muscle spindle, Golgi tendon organ Attachments of skeletal muscles "origin, insertion Muscle fibres, myofibrils, sarcomeres Naming of muscles Shape and fibre architecture, pennation The endomysial and perimysial sheaths

General anatomy of skeletal muscle, its innervation and

mechanisms: (1) skeletal muscle, (2) smooth muscle, and (3) cardiac muscle. Most skeletal muscle, as the name implies, is attached to bone, and its contraction is responsible for supporting and moving the skeleton. The contraction of skeletal muscle is initiated by impulses in the neurons to the muscle and is usually under voluntary control.

MUSCLE - University of Minnesota

Skeletal muscle cells are derived from individual myocytes which fuse to produce a mature multinucleated muscle fiber. There are few if any of the precursor myocytes found in a mature muscle, and so muscles produce no new cells after maturity. Individual cells respond to training by enlarging and building myofibrils and other components.

The Muscular System PDF - Class Videos

NAME ORIGIN INSERTION ACTION NERVE MOUTH M OVERS Levator labii superioris 11 zygomatic bone & infraorbital margin of maxilla skin & muscle of up-per lip " raises & furrows the up-per lip

NAME ORIGIN INSERTION ACTION NERVE - Dressen Spine Center

b) muscle cells are joined by intercalated disks "and allow muscle groups to form branching networks - both

features are necessary for cardiac muscle to function as a unit (â€³sancytiumâ€³). c) SR and T tubules are well developedâ€”so a large amount of calcium can be released rapidly through the T tubules.

Muscle Physiology Dr. Ebneshahidi

the deltoid muscle is the principle abductor of the arm but due to poor mechanical advantage it cannot initiate this action; it is assisted by the supraspinatus m. dorsal interosseous (hand) four muscles, each arising from two adjacent metacarpal shafts

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