

Bio& 241 Unit 3, Lab 2

MUSCLES OF THE APPENDICULAR SKELETON

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Updated: winter 06



You must know ACTION, ORIGIN, and INSERTION of all muscles marked with “*”know ACTION of all others and be able to identify ALL muscles on models and charts. Refer to muscle list provide. Muscles marked by a “C” indicate muscles that can be observed and tested on the cadavers.

MUSCLES OF THE UPPER EXTREMITY:

(Movement of the shoulder and arm)

- | | |
|--------------------------------|-------------------------------|
| * (C) Pectoralis major | |
| * (C) Pectoralis minor | * (C) Teres major |
| * (C) Serratus anterior | * (C) Teres minor |
| * (C) Trapezius | * (C) Supraspinatus |
| *Levator scapulae | * (C) Infraspinatus |
| * (C) Rhomboideus major | *Subscapularis |
| * (C) Rhomboideus minor | * (C) Coracobrachialis |
| * (C) Latissimus dorsi | *Subclavius |
| * (C) Deltoid | |

(Movement of forearm and hand)

- | | |
|------------------------------------|------------------------------|
| * (C) Biceps brachii | * (C) Brachialis |
| * (C) Brachioradialis | * (C) Triceps brachii |
| * (C) Supinator | * (C) Pronator teres |
| (C) Flexor carpi radialis | (C) Flexor carpi ulnaris |
| (C) Extensor carpi radialis longus | (C) Extensor carpi ulnaris |
| * (C) Palmaris longus | |

MUSCLES OF THE LOWER EXTREMITY:

(Movement of the femur)

- | | |
|-------------------------------------|-----------------------------------|
| * (C) Gluteus maximus | * (C) Gluteus medius |
| (C) Gluteus minimus | * (C) Tensor fasciae latae |
| (C) Piriformis | * (C) Pectineus |
| * (C) Adductor brevis | * (C) Adductor longus |
| * (C) Adductor magnus | * (C) Gracilis |
| Iliopsoas (Iliacus and Psoas major) | |

(Movement of the leg and thigh)

Quadriceps femoris (4 muscles):

- 1) *(C) Rectus femoris
- 2) *(C) Vastus medialis
- 3) *(C) Vastus lateralis
- 4) *(C) Vastus intermedius

(Movement of the leg and foot)

- *(C) Gastrocnemius
- *(C) Tibialis anterior
- *Tibialis posterior

***Sartorius**

Hamstrings (3 muscles):

- 1) *(C) Biceps femoris
- 2) (C) *Semitendinosus
- 3) (C) *Semimembranosus

*(C) Soleus

*(C) Peroneus longus