

Lab 10 — Skeletal Muscles & Peripheral Nerves of the Cat

For the listed muscles and nerves, be able to identify them on the cat.

Activity 12.8: Trunk & Neck Muscles

Sternomastoid
Sternohyoid
Digastric
Masseter
Pectoralis major
Pectoralis minor
Rectus abdominis
External oblique
Internal oblique*
Transverse abdominis*
Trapezius group (3 muscles)
Levator scapulae ventralis
Deltoid group
Latissimus dorsi
Serratus ventralis (S. anterior in humans)
Scalenes
Splenius
Rhomboides (Rhomboid group)
Supraspinatus
Infraspinatus

Activity 12.9: Forelimb

Triceps brachii
Brachioradialis
Extensor carpi radialis longus
Extensor digitorum communis
Biceps brachii
Pronator teres
Flexor carpi radialis
Palmaris longus
Flexor carpi ulnaris

Activity 15.4: Nerves of the Forelimb *(look for these while dissecting forelimb muscles)*

Musculocutaneous nerve
Radial nerve
Median nerve
Ulnar nerve

Activity 12.10: Hindlimb Muscles

Sartorius
Tensor fasciae latae
Gluteus medius
Gluteus maximus
Biceps femoris
Semitendinosus
Semimembranosus
Gastrocnemius
Soleus
Fibularis
Extensor digitorum longus
Tibialis anterior
Rectus femoris
Vastus medialis
Vastus lateralis
Gracilis
Adductors (femoris & longus)
Flexor digitorum longus

Activity 15.5: Nerves of the Hindlimb *(look for these while dissecting hindlimb muscles)*

Sciatic nerve
Tibial nerve
Common fibular nerve

* = not shown on human models (but is present in humans)