

Lab 5 axial cat muscle dissection

BEGINNING THE CAT DISSECTION

Place the cat on a dissecting tray and carefully cut open one end of both plastic bags; be sure the fluid stays at the bottom of the bag

Put the bag to the side, and place the cat in the center of the tray

Carefully remove as much fat and fascia from the surface of the muscles using your fingers or a blunt probe, as was seen in the video (DO NOT USE A SCAPEL AT ANY TIME DURING THE DISSECTION LABS!!)

When the cat has been cleared of as much fat/fascia as possible, begin looking for muscle "borders" by identifying changes in the direction the muscle fibers are running

When you have found a border between 2 muscles, use your blunt probe to break the fascia between them.

Gently lift and separate the muscle from adjacent muscles. If the muscle begins to tear or looks ragged, call a TA over for assistance

SUPERFICIAL BACK MUSCLES PAGE 703

Latissimus dorsi	Spinodeltoid
Spinotrapezius	Acromiodeltoid
Acromiotrapezius	Clavodeltoid
Clavotrapezius	Levator scapulae ventralis

DEEP BACK MUSCLES PAGE 705

Rhomboid capitis	Teres major
Rhomboid minor	Supraspinatus
Rhomboid major	Infraspinatus
Splenius	Spinalis dorsi
Longissimus dorsi*	Serratus dorsalis
Multifidous spinae*	Serratus ventralis

SUPERFICIAL CHEST MUSCLES PAGE 700

Pectoantebrachialis	Pectoralis minor
Pectoralis major	Xiphohumeralis

DEEP CHEST MUSCLES. PAGE 704

Scalenes	Serratus ventralis
Transversus costarum	Subscapularis
Rectus abdominis	

ABDOMINAL MUSCLES. PAGE 702

External oblique	Transverse (transversus) abdominis
Internal oblique	Rectus abdominis
External intercostals	Internal intercostals

CLEAN UP

Place cat parts in bucket labeled "Cat Parts Only"

Place all other garbage in the regular trash can

Spray cats with BIOSHIELD

Place cats in bag; fold the top of the bag over and secure tightly with a rubber band

Wash the dissecting tray and tools with soap and water

Use the cleaning spray to clean the lab table