

The Rabbit 2017

January 9, 2017: Introduction, Safety, Review of this Packet

- Welcome to the labs for the rest of the semester as well as the practical final exam. This packet will give you a black and white guide to rabbit dissection. There has been one main provided web site that gives you some of the best photos for the organs: <http://montessorimuddle.org/dissecting-rabbits/>. Begin thinking now about how you are going to mount or set-up your final display. You can be creative, but the cat must have the proper arrangement of the bones.

FINAL RABBITS ARE LATE AS OF 4/6/2017

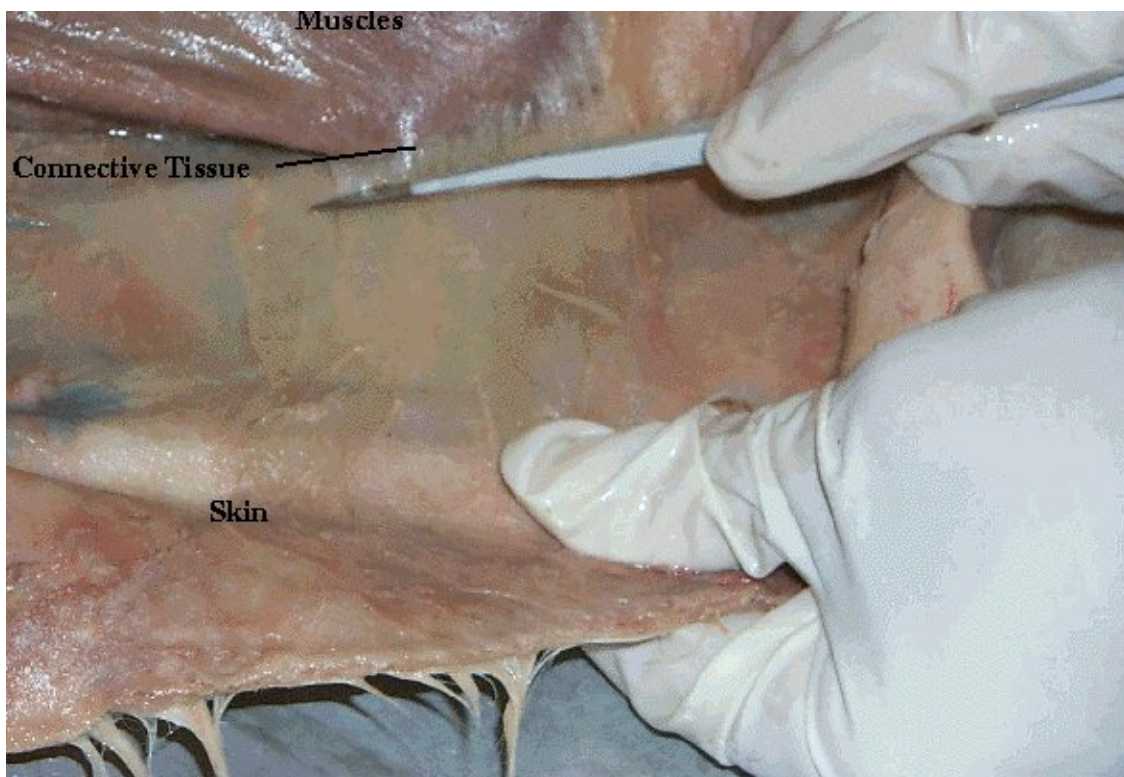
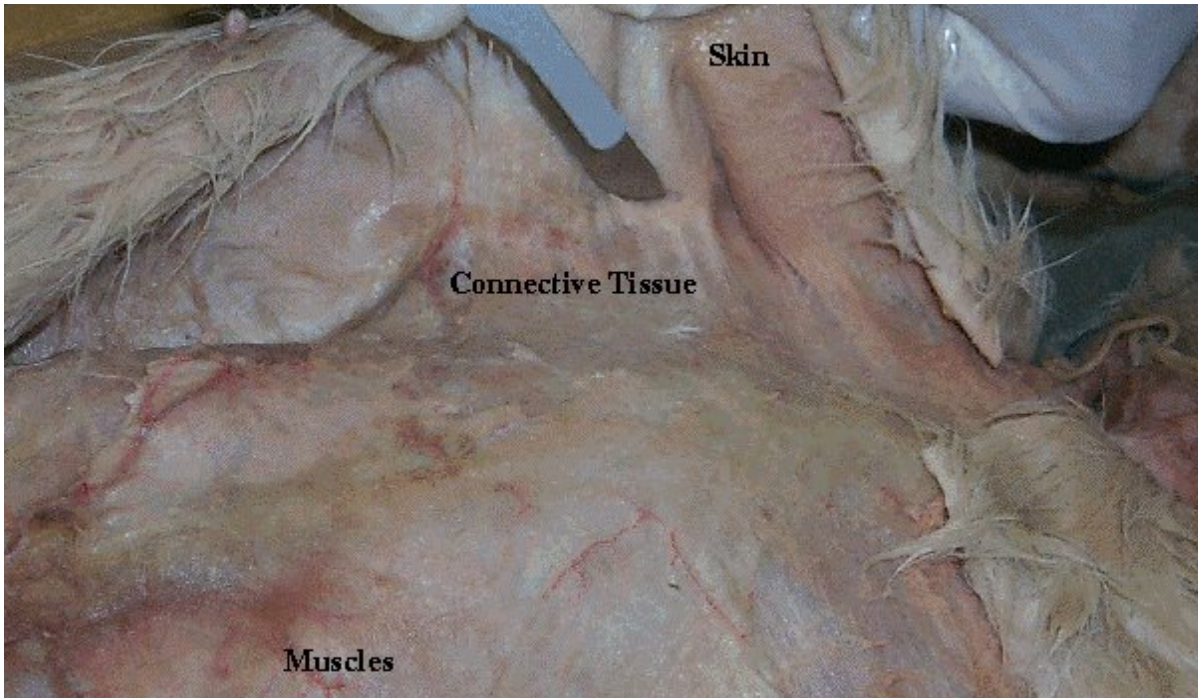
- This packet will break down each of the labs you will be completing and how they will be graded.
- Safety Expectations:
 - All personal items must be kept put away. Back packs will be placed off to the side of your lab station. They cannot be in the sink as we will be using the sinks!
 - NO FOOD OR DRINK OF ANY KIND ON THE LISTED LAB DAYS. **NO EXCEPTIONS, NO EXCUSES**
 - Hair **MUST** be tied back and clothing must not droop or drape over the work station. I encourage the purchase of an oversized short sleeve men's button front work shirt to wear as a lab coat. Lab coats are NOT provided. If you want a shirt but cannot get to the store to get one please let me know ASAP. If you have the money but not a way to get it I will do my best to help. Savers or Goodwill are great places to try for cheap, ugly, shirts to use!
 - You will be using scalpels and other sharp instruments during our lab days. You must exercise extreme caution at ALL times. If at any time I do not feel that you are being safe I will remove you from the lab and you will immediately receive a zero. There will be a required parent conference and a safety contract will be signed in order to continue to be a part of your final project.
- Open Labs Before School, Lunch, and After School Dates/Times: **FINAL RABBITS ARE LATE AS OF 4/6/2017**
 - Before School: As posted on the board throughout semester
 - Lunch: By appointment only. I am always here, but you need to schedule this opportunity in advance. Do not ask the day of and expect to be told yes!
 - After School: As posted on the board throughout semester

February 7 and 8, 2017: The skinning begins! **FINAL RABBITS ARE LATE AS OF 4/6/2017**

- Today you will begin to skin your rabbit. You may, for now, be leaving on the head and the pads of all feet.
- You need to create an incision that creates a 1 piece "coat"
 - Make an incision all the way around the neck and feet.
 - Make a single incision line (shallow) and central on each limb and a central cut down the central of the underside of the cat. Use the line marking the sagittal plane as a guide for the central cut. It is almost like marking an "X".

- Beginning in the center on its belly, gently lift away the skin and slice while gently lifting to pull the skin away from the muscles. You will be cutting through the connective tissue layer of the skin. Be sure you can identify it while you work!
- TAKE YOUR TIME. Precision and accuracy count. Creating the perfect coat will protect your rabbit from drying out between uses and allow you to get your “A” for each lab.

Skinning



February 14 and 15, 2017: The Muscles!!!! **FINAL RABBITS ARE LATE AS OF 4/6/2017**

- Today you will be identifying the superficial muscles! Your job is to identify 12 different muscles and pin them; also list your answers on an index card with your cat name and team member names.
 - Index Cards: The following must be identified on the index card prior to the practical grading and must be done before the bell rings or you cannot get credit.
 - Date, Class Period, Names (on one side, rest of the info on the other side)
 - Name of muscle
 - Location on the cat (ie: right hind limb, posterior and medial portion)
- After your practical is graded you can remove the muscle to begin to identify deep muscles and reveal the organs!

February 22 and 23, 2017: The Organs!!! **FINAL RABBITS ARE LATE AS OF 4/6/2017**

- Today you will be identifying and removing the organs! You will need to remove quite a bit of the muscle tissue to do so if you have not already!
- Your job is to identify 12 different organs and pin them; also list your answers on an index card with your cat name and team member names.
 - Index Cards: The following must be identified on the index card prior to the practical grading and must be done before the bell rings or you cannot get credit.
 - Date, Class Period, Names (on one side, rest of the info on the other side)
 - Name of organ
 - Location on the cat (ie: superior transverse plane, left sagittal plane, superior to heart)
- After your practical is graded you can remove the organs to begin to clear the path to a clean skeletal system. If it is easier for pinning, you can remove the complete organ and place it on a tray or paper towel. Just remember to give the proper location on your index card.

March 8-10: Prep, Clean the bones!!!! **FINAL RABBITS ARE LATE AS OF 4/6/2017**

- **During Spring Break you MUST boil and dry the bones at one person's home, and a small amount of bleach to the crock pot to help clean them!**
- Remove the bones and begin to clean the skeleton. This does include skinning and removing the brain from the skull. This is another opportunity to earn extra credit for identifying parts of the skull as bones as well as the lobes of the brain!!!!!! You will have 1 additional day to do this, so if you are behind on previous labs, then do NOT stress yet.
- Today you need to clear all tissues and “hunks” of anything attached to ALL bones so they can be toothbrush scrubbed and laid out to dry.
- You will need to clear all the tail, feet and skull if you have not yet begun to do so.
- Today you can dispose of the skin, bag and any/all other materials. CAUTION: be sure you are not throwing away any bones or your skeleton will be incomplete.
- The cleaner they are departing from school, the easier it will be to boil and dry them at home!

March 21, 24, 27 2017: The Bones!!! **FINAL RABBITS ARE LATE AS OF 4/6/2017**

- Monday 3/20 rabbits can return to school and I check on them to ensure you are ready on 3/21.
- March 24 & 27 you will be identifying the bones!
- Your job is to identify 25 different bones as well as list them on an index card with your cat name and team member names.
 - Index Cards: The following must be identified on the index card prior to the practical grading and must be done before the bell rings or you cannot get credit.
 - Date, Class Period, Names (on one side, rest of the info on the other side)
 - Name of Bone and left/right if it has a left or right (ie: right humerus)
 - Describe features that you think will help you identify the bone later (ie: bumps, marks)
- After your practical is graded you can begin assembly. Hopefully at this point you have all props/additional materials needed for display purposes.

March 30- April 5, 2017: Assembly!!! **FINAL CATS ARE LATE AS OF 4/6/2017**

- Bones should all be clean and dry! If not you may be in trouble!
- You are to use a hot glue gun to re-assemble your skeleton. You will have 5 days in class to do this.
- Remember your rabbit must be a rabbit and not another animal or figure.
- All bones are to be assembled correctly in order to receive full credit. Points for creativity in display will be awarded. This is your final practical exam grade and not just a lab grade!!!!!!!!!!!!!!!!!!!!!! (100 points)

The Grading

Lab Grade 1: Naming and Skinning 25

Lab Grade 2: Muscle Identification 24

(12 points identification, 12 points proper note card)

Lab Grade 3: Organ Identification 24

(12 points identification, 12 points proper note card)

Lab Grade 4: Bone Identification 25

Lab Grade 5: Cleaning and Drying 10

Practical Exam Grade: Assembled Skeleton 100 Points

(80 points assembly, 20 points creativity and staging)

Rabbit Grades: _____

Lab Grade 1: _____/25

Lab Grade 2: _____/24

Lab Grade 3: _____/24

Lab Grade 4: _____/25

Lab Grade 5: _____/10

Practical Exam Grade: _____/100

Rabbit Grades: _____

Lab Grade 1: _____/25

Lab Grade 2: _____/24

Lab Grade 3: _____/24

Lab Grade 4: _____/25

Lab Grade 5: _____/10

Practical Exam Grade: _____/100

Rabbit Grades: _____

Lab Grade 1: _____/25

Lab Grade 2: _____/24

Lab Grade 3: _____/24

Lab Grade 4: _____/25

Lab Grade 5: _____/10

Practical Exam Grade: _____/100

Rabbit Grades: _____

Lab Grade 1: _____/25

Lab Grade 2: _____/24

Lab Grade 3: _____/24

Lab Grade 4: _____/25

Lab Grade 5: _____/10

Practical Exam Grade: _____/100

Rabbit Grades: _____

Lab Grade 1: _____/25

Lab Grade 2: _____/24

Lab Grade 3: _____/24

Lab Grade 4: _____/25

Lab Grade 5: _____/10

Practical Exam Grade: _____/100

Rabbit Grades: _____

Lab Grade 1: _____/25

Lab Grade 2: _____/24

Lab Grade 3: _____/24

Lab Grade 4: _____/25

Lab Grade 5: _____/10

Practical Exam Grade: _____/100