

CLIN MED I: FINAL EXAM

April 8 & 9
9:00 start
time

BARN CLOSURE NOTICE

- Please only practice with LA (horse/cow/sheep) by booking thorough labooking@uoguelph.ca (We are sharing animals with College Royal, so need to avoid using the ones assigned to them!)
- Note that the barn is closed and no student access is permitted on the following dates:
 - March 2 – 6
 - March 16 – 20
 - March 31
 - April 2
 - April 6 - 9

FORMAT

- 3 separate sections
- Each section is ~ 1 hour, in a different location
- “Travel’ time between (~15 min)
 - Including changing dress & washing hands between SA & LA sections!
- Section A:
 - Written exam (LA & SA) in room 2500
- Section B:
 - Large animal practical exam in teaching barns
- Section C:
 - Small animal practical exam in rooms near cafeteria

PRIOR TO EXAM

- **Consult the master schedule**
 - To be posted on Courouselink
 - Determine what section/location you start at
- Bring your schedule with you on exam day

EXAM DAY

- You need the following equipment:
- LA exam:
 - Coveralls with your name (embroidered or name tag), steel-toed boots
 - No jewelry; hair that reaches your shoulders must be tied back
 - Stethoscope, penlight, thermometer, time piece (not a phone), PEN
- SA exam:
 - Labcoat with your name (embroidered or name tag), closed-toed footwear
 - (No rubber boots/coveralls)
 - Stethoscope, penlight, time piece (not a phone)
- Computer lab for written exam:
 - Know your UoG “central username & password” to log into Courselink

...Pack it!

EXAM DAY

- The exam **STARTS** at 9:00... promptly!
- Arrive to your first station by no later than 8:50, ready to go!
- You will need to sign in & receive instructions

■ **DO NOT BE LATE**

WHAT ARE YOU EXAMINED ON?

- Each module in the course is included in the exam:
 - Infection Control & Biosecurity
 - Animal Behaviour, Restraint, & Handling
 - Animal Nutrition & Feeding
 - Obtaining a Patient History
 - Physical Examination
 - Detailed Examination Techniques (neuro, cardio)
 - Problem-oriented Medical Approach & Medical Records
 - Handling & Examination of Small Ruminants

** Most of the above pertain to both LA & SA species*

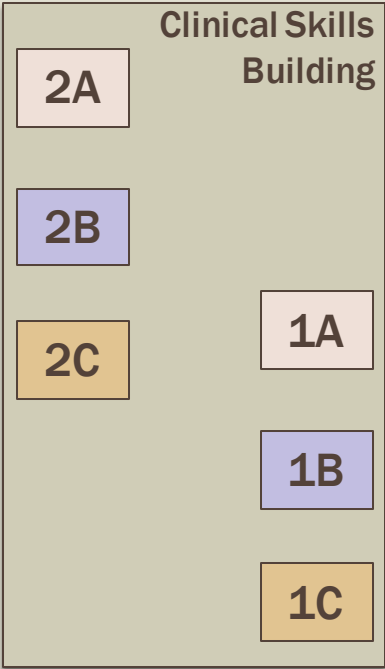
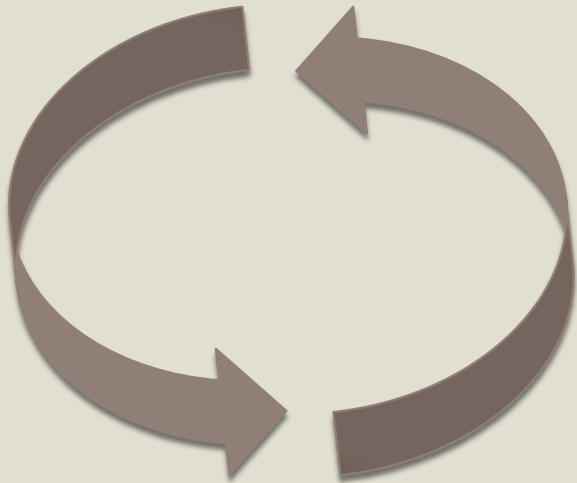
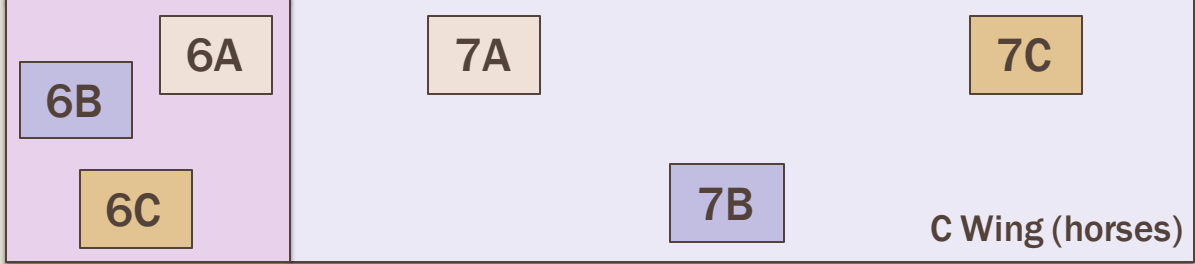
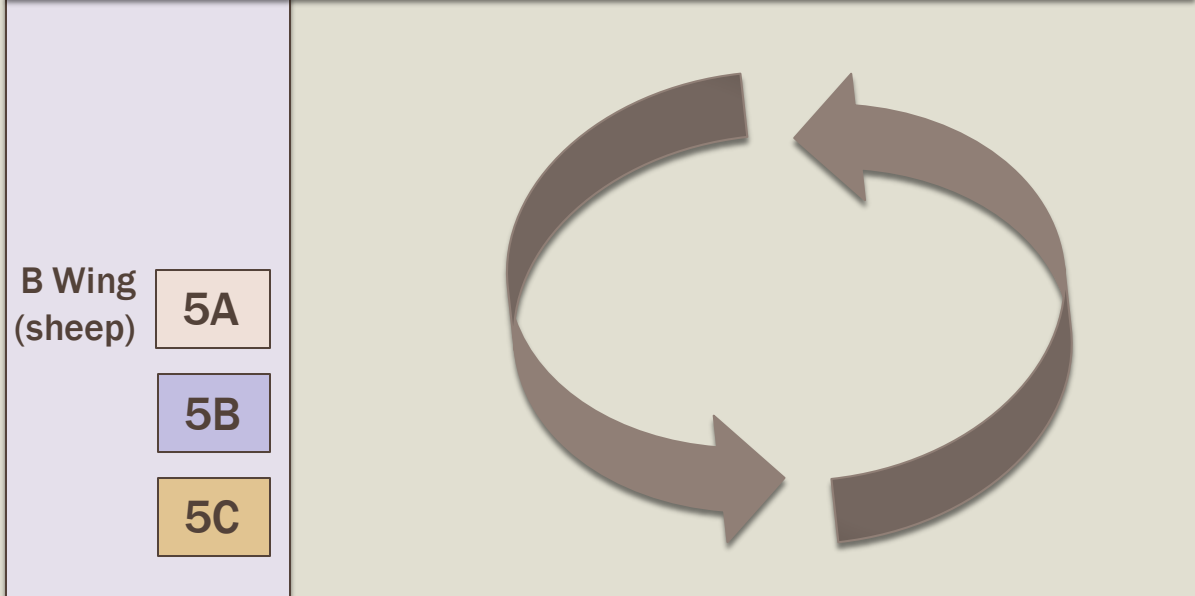
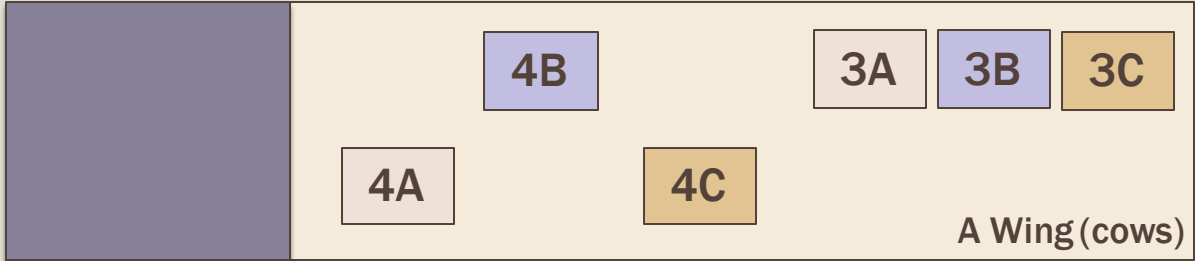
***If you practiced it in the course (lab, assignment), it may be on the exam*

BASIC OVERVIEW OF STATIONS

LA EXAM STATIONS: (7 STATIONS, 5 MINUTES EACH)

1. Infection control/waste management/knot tying/lip twitch
 2. (Anatomy - Live Animal, 10 minutes)
 3. Bovine: Restraint, elements of the Physical Exam (PE)
 4. Body Condition Scoring
 5. Ovine: Restraint, elements of the PE
 6. LA feeds & bedding
 7. Equine: Restraint, elements of the PE
- *You will also be graded for proper attire suitable for working with large animal species*

VETM3430 Clinical
Medicine I
OSCE – Large Animal



Enter
Here
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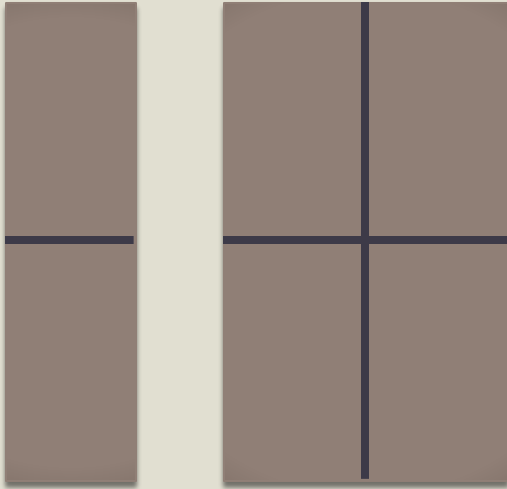
SA PRACTICAL EXAM STATIONS

1. Video: History taking & medical record (10 min station)
2. Live dog station (10 min station)
 - Restraint & handling
 - General PE
 - Topographical anatomy
 - Handwashing
3. Nutrition (5 min station)
 - Food label interpretation
4. Suture station (5 min station)
 - PLEASE SHOW UP A FEW MINUTES EARLY FOR EACH STATION

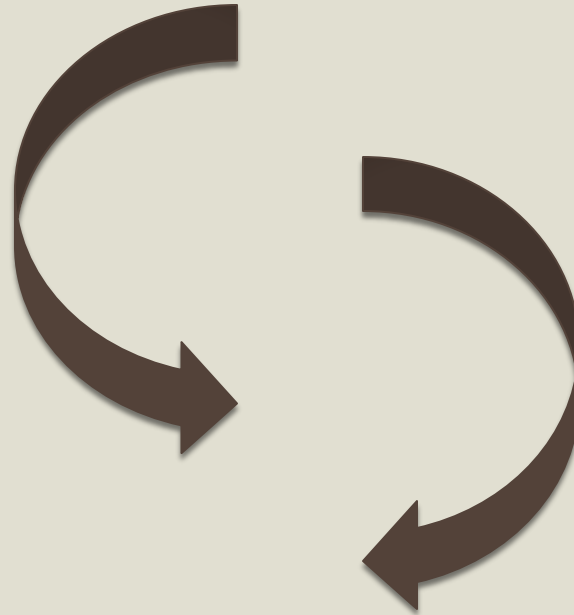
Small Animal Exam Setup

**START in
1713 / 1715**

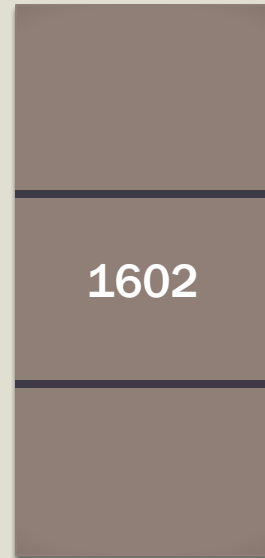
*History taking &
medical record in
1713/1715 (video)
** Entire group
starts here at the
beginning of the SA
portion of the exam*



**1701 & 1702:
Live dog stations**



**1602 A/B/C:
Nutrition stations**



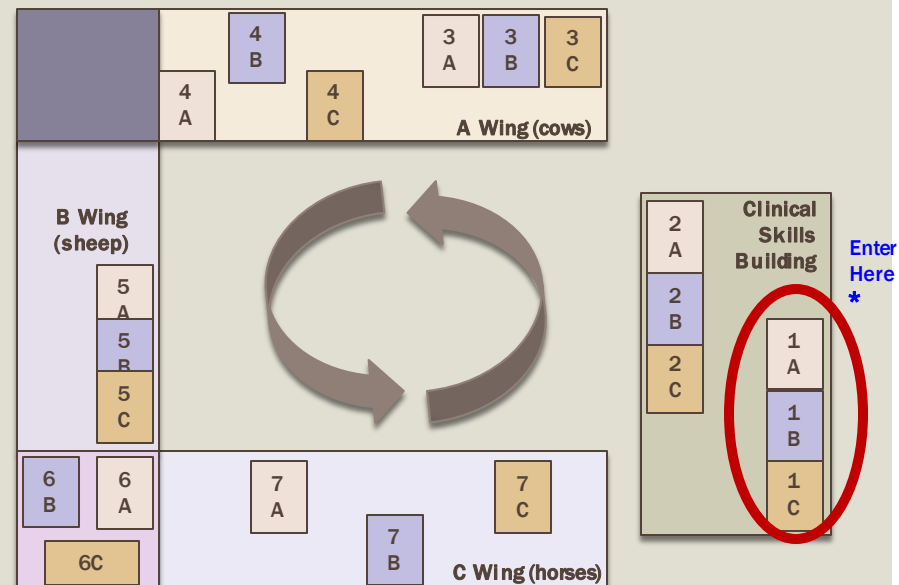
1618

1618: Suture stations

STATIONS IN DETAIL

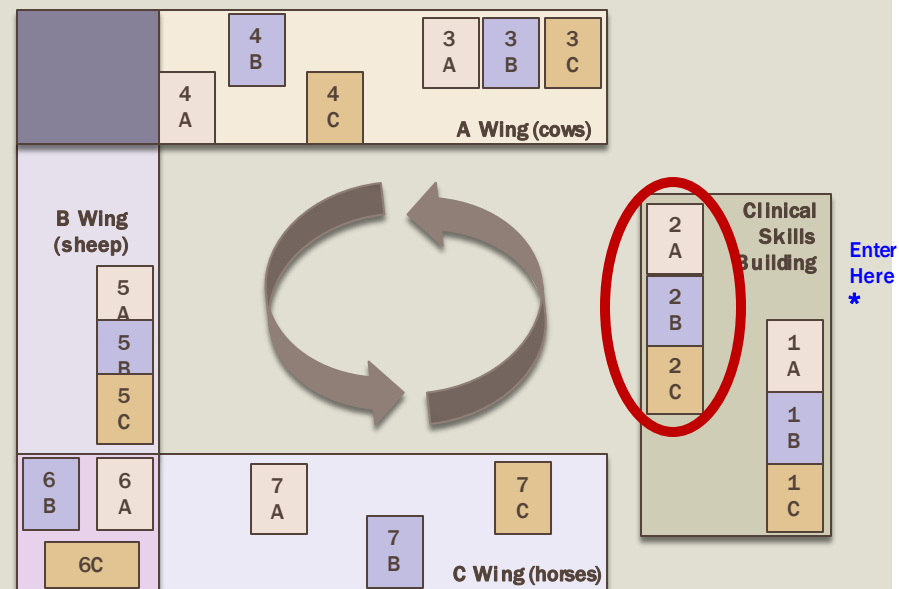
LA-STATION 1. INFECTION CONTROL/WASTE MANAGEMENT/KNOT TYING/LIP TWITCH (5 MIN)

- Principles of infection control
- Sort medical waste into the appropriate waste streams
- Tie a specified knot (from the knot tying video) relevant to LA restraint methods
- Demonstrate correct application of a lip twitch on Cisco Ramon (the model!)



LA-STATION 2. ANATOMY (10 MIN)

- Topographical landmarks and anatomical structures on the live animal
- For more detailed information about this station, please contact Dr. Thomason

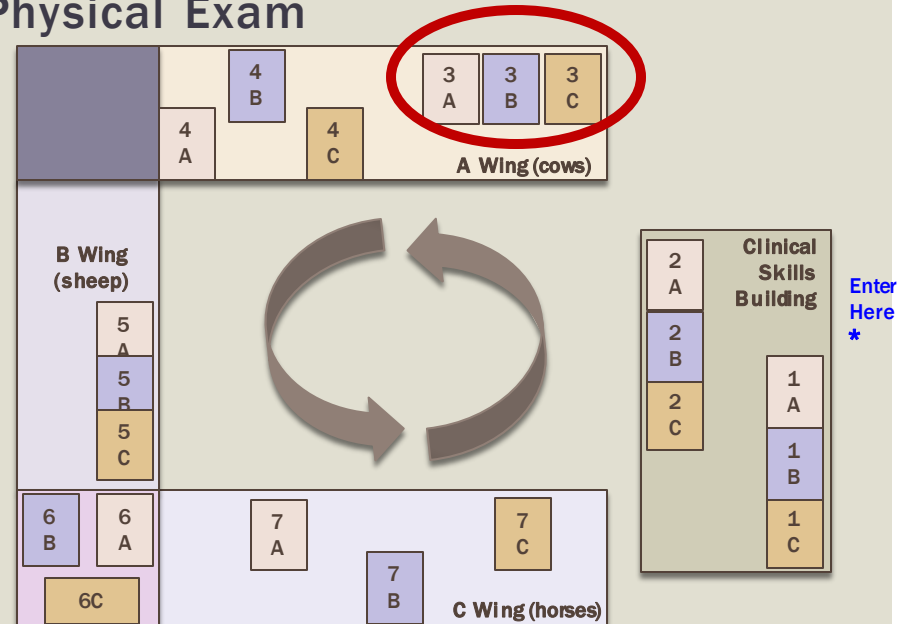


LA-STATION 3. BOVINE RESTRAINT AND PE (5 MIN)

- Perform specified restraint techniques
 - Everyone will need to place a halter and tie a quick release knot
 - Other restraint techniques may be asked, for example:
 - Tail jack, tail tie, rope placement for casting (your examiner can assist you if you direct them on what to do), etc...

- Demonstrate aspects of the bovine Physical Exam

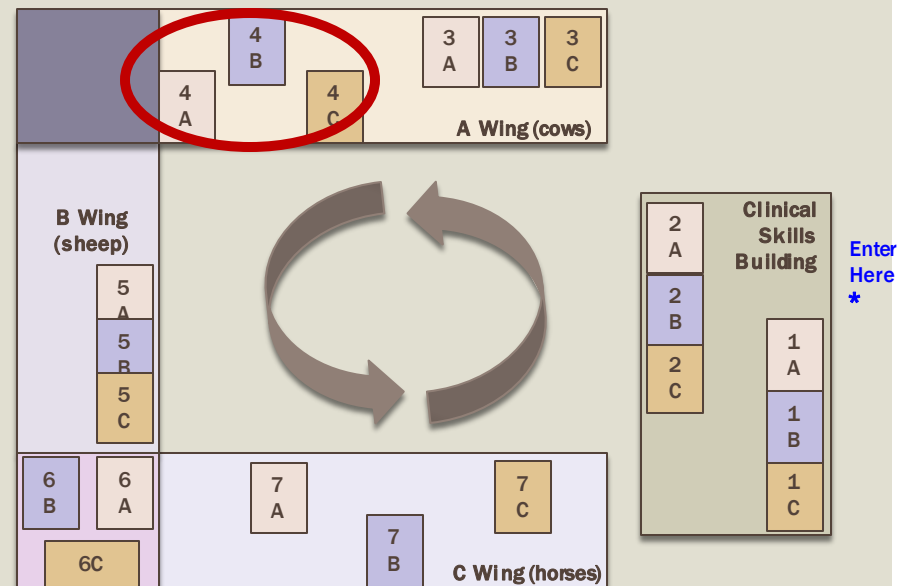
- Includes only those techniques that would be considered part of the routine general exam (ie not in small font and italics in the notes)



LA-STATION 4. BOVINE BODY CONDITION SCORING (5 MIN)

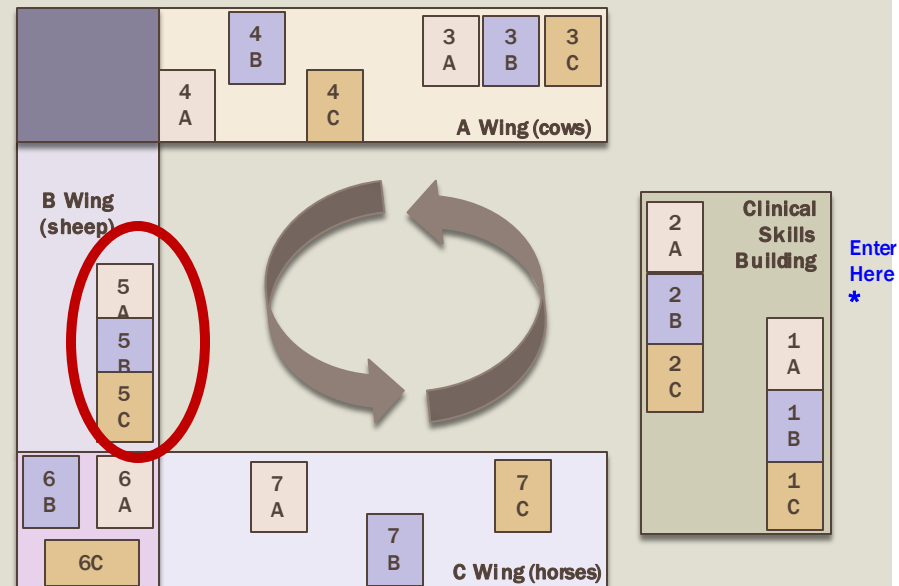
- No examiner present.
- Pick up your designated scoring sheet (based on whether you are A, B, or C) and on the sheet you will have been assigned 2 specific cows to assess for Body Condition Score
 - Be prepared to explain what criteria you used on each cow to assign the BCS
 - Do not assess any cows other than those you were assigned (=0marks)
 - BSC can be in 0.5 increments

Bring your BSC Station 4 sheet with you and hand it in at the next station! (Station 5 – Small Ruminants)



LA-STATION 5. SMALL RUMINANT RESTRAINT AND PE (5 MIN)

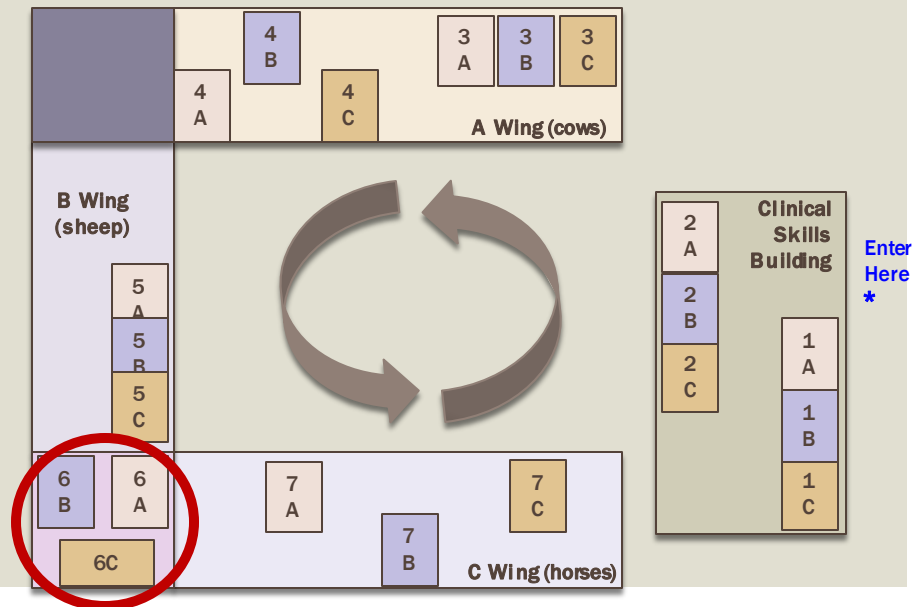
- Wait at the plastic curtain until called upon.
- Hand in your Station 4 BCS sheet!!
- This station includes basic handling and restraint methods, as well as aspects of the physical examination
 - Yes, you need to be able to efficiently and humanely catch a specific animal, and tip it up!



LA-STATION 6. LA BEDDING AND FEEDSTUFFS (5 MIN)

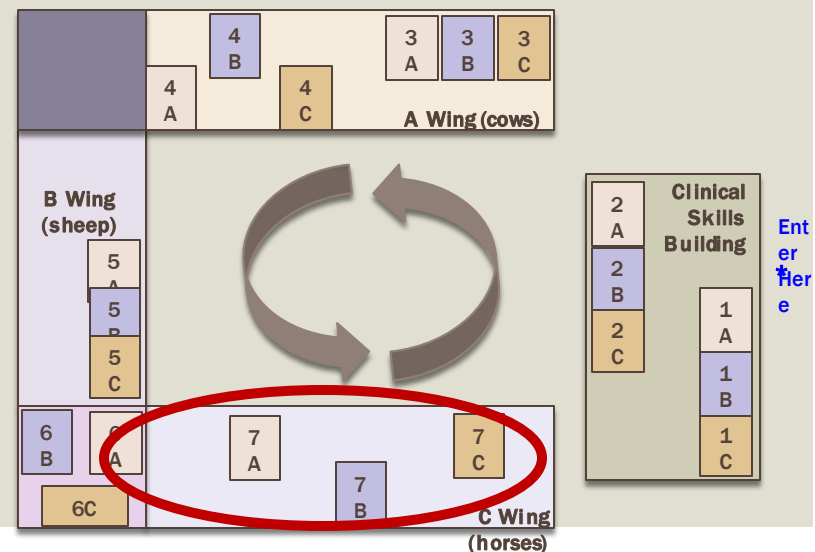
- No examiner present.
- You will be asked to identify a feedstuff and explain its nutritional qualities (compared to another feedstuff) OR identify a bedding and explain its pros and cons
- You will also be expected to know how to calculate daily feeding and water requirements for a horse or cow.
 - A calculator will be provided – please do not remove it from the station!
 - You cannot use your phone

Hand in your Station 6 answer sheet when you get to your examiner at the next station (Station 7 – Equine Restraint and PE)



LA-STATION 7. EQUINE RESTRAINT AND PHYSICAL EXAMINATION (5 MIN)

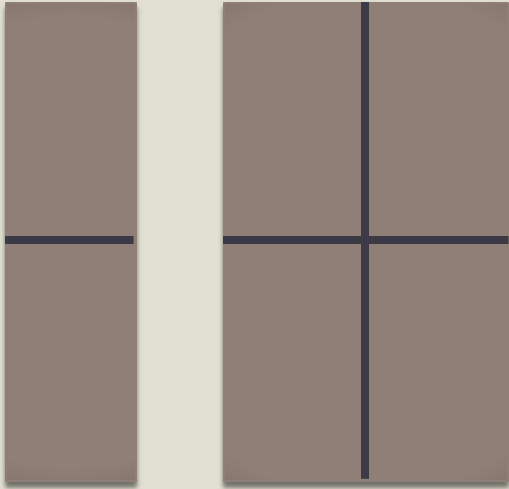
- Wait at the entrance to C wing until you are called. Please wait quietly!
- You may need to place a halter and lead shank on a horse
- You will be asked to perform components of the equine physical examination (all components of the handout, **EXCEPT holding the tongue to check the molars... do not practice this – it is NOT on the exam!**)



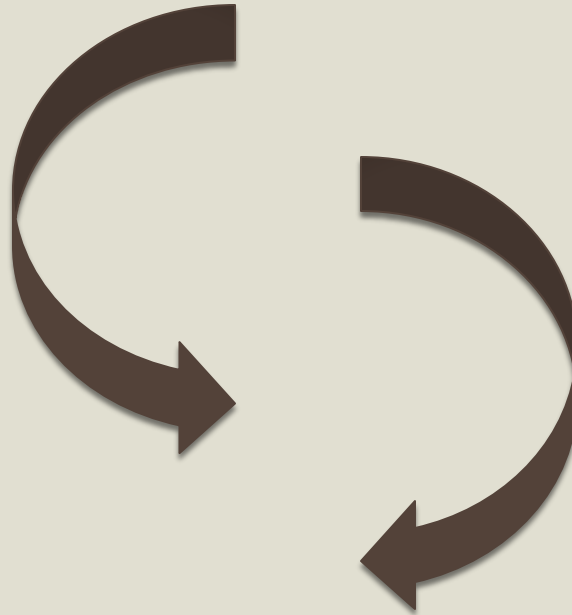
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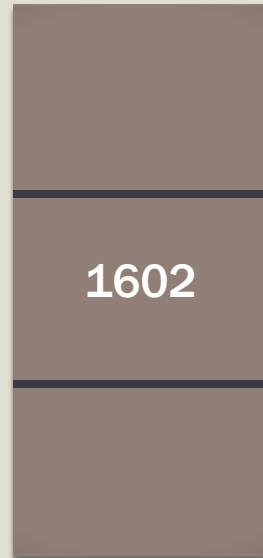
*1701 and 1702:
Live dog stations*



1618

1618: Suture stations

*1602 A/B/C:
Nutrition stations*



1602

1. SA VIDEO STATION (10 MIN)

- Watch a video of a simulated client interaction (room 1713 or 1715)
- Identify:
 - Presenting complaint, other important history items
 - Problem list
 - Veterinarian's AVM skills

2. LIVE DOG STATION (10 MIN)

- In rooms 1701 or 1702
- Restraint & handling
 - Restrain dog in sitting, standing, or lateral recumbency
 - Hold off a peripheral vein for venipuncture
- Anatomy
 - Know topographical landmarks reviewed in anatomy course lab notes/sessions

2. LIVE DOG STATION (CONTINUED)

- **Physical examination**
 - Marks for proper attire & equipment (labcoat, stethoscope, etc)
 - Marks for safe animal interactions
 - Majority of marks for PE skills:
 - E.g., oral exam, thoracic auscultation - assess heart rate & rhythm, show abdominal palpation technique/knowledge of structures, find peripheral LN/show technique, examine limbs, discuss normal rectal exam findings
 - To the level of detail in the lab notes
- **Proper handwashing technique**

3. SA NUTRITION STATION (5 MIN)

- Rooms 1602 A, B, or C
- Nutrition
 - Given a bag of pet food
 - Identify & interpret the meaning of a pet food label claim, AAFCO statements, other label aspects
- Biggest emphasis on:
 - Lecture 1 & 2 - Pet food industry & understanding pet foods
 - Lecture 3 - Alternative diets with a focus on how to implement the "Quick Assessment of Homemade Diets"
 - Lecture 4 - Nutritional assessment
 - Class notes "Reading Pet Food labels"
- Other resources provided on Courselink can be used for clarifying concepts.

4. SUTURE STATION (5 MIN)

- Room 1618 (Anatomy Lab)
- 1 simple interrupted suture
 - As though you were placing a suture in the linea alba
- Demonstrate (at the level of a Phase 1 student):
 - Proper technique & instrument handling
 - Efficiency in surgical motion
 - Proper square knots
 - Overall proper suturing technique
- Instruments are provided at the exam
- You will be suturing DASIEs
 - Same as recent lab sessions

WRITTEN EXAM SESSION

- Room 2500
- Mix of LA & SA course material from ALL modules as well as Anatomy
- Some images /videos will be projected during the exam for some questions
 - E.g., Video of part of the neuro exam - what they are assessing?
- Question format:
 - Multiple choice
 - True/false
 - Matching
 - Labeling diagrams
- Exam is performed on Courouselink

FINAL EXAM + OVERALL MARKS

- LA portions of the OSCE are worth 30% of your final grade
 - LA practical exam PLUS LA questions on computer exam
 - You must achieve 20/30 or greater on this section of the OSCE to pass the course
- SA portions of the OSCE are worth 30% of your final grade
 - SA practical exam PLUS SA questions on computer exam
 - You must achieve 20/30 or greater on this section of the OSCE to pass the course
- You must achieve a cumulative grade of 60% or greater in each of the LA and SA portions of the course to pass the course
- Successful completion and submission of PHC shift attendance sheet and Guided Consultations Assignment
- Successful completion of your Horse Care Week
- **ANATOMY MARKS from the OSCE will be directed towards your grade in VETM 3070 Veterinary Anatomy**

QUESTIONS

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