

Equine Nursing Mentorship

VM 20900

Criteria
Logbook

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Clinical Mentorship Tasks

1. Video verification of required equipment and supplies
2. Approaching, haltering and leading the equine patient †
3. Applying a chain, rope or humane nose twitch to a haltered horse ††
4. Perform a physical examination in the equine patient †
5. Lifting fore and hind limbs and cleaning the equine patient's hoof †
6. Applying a leg wrap †
7. Applying a tail wrap and tail tie †
8. Administration of a liquid medication in the equine patient ††
9. Collection of blood from the jugular vein ††
10. Administering an intravenous injection ††
11. Administered an intramuscular injection ††

For all Video Submissions:

Narration Required: Yes (does not have to be live, can be voiced over)

Continuous (unedited) Video Required: No (videos can be edited)

ALL SKILLS MUST BE DEMONSTRATED ON LIVE ANIMALS. Models or cadavers are not acceptable.

Student Information

Contact Information

Questions regarding the overall Clinical Mentorship process should be directed to-

Jennifer Smith, BS, RVT, LATG

Clinical Mentorship Coordinator

jpope@purdue.edu

Questions regarding this mentorship (tasks, due dates, etc.) should be directed to the instructor for this mentorship course.

Animal Use Guidelines

The student shall abide by the following guidelines when performing mentorship tasks:

1. All animals used for demonstration of mentorship skills must be appropriately restrained by another person, for the safety of the patient and the student.
2. A mentorship task may be performed only once on a single animal.
3. A student may perform a maximum of ten (10) minimally invasive tasks (denoted by one dagger symbol) (†) on a single animal within a 24-hour period.
4. A student may perform a maximum of three (3) moderately invasive tasks (denoted by two dagger symbols) (††) on a single animal within a 24-hour period.
5. When combining tasks, a student may perform a maximum of five (5) minimally and three (3) moderately invasive tasks on a single animal within a 24-hour period.
6. Tasks denoted with no dagger symbols do not involve live animal use.

For example, a student might perform the following tasks on an animal in a single day-

- Restrain a dog in sternal recumbency†
- Restrain a dog in lateral recumbency†
- Restrain a dog for cephalic venipuncture†
- Restrain a dog for saphenous venipuncture†
- Restrain a dog for jugular venipuncture†
- Administer subcutaneous injection††
- Administer intramuscular injection††
- Intravenous cephalic injection – canine††

Failure to comply with the Animal Use Guidelines may result in failure of the Clinical Mentorship.

Ensuring the welfare and safety of animals during handling and restraint is paramount. Proper techniques must be employed to minimize stress and prevent injury. This involves understanding the normal behavior of the animal, using humane methods, and applying the least amount of restraint necessary to achieve the desired outcome. Training in these techniques is essential for all personnel involved in animal care. The use of physical, mechanical, or pharmaceutical restraints should be carefully considered and monitored to ensure they are appropriate and effective.

With this in mind, the student is expected to utilize Fear Free® techniques for animal handling and restraint, as well as ensure that all patients are handled and restrained appropriately when they perform skills. Failure to do so will result in consequences ranging from loss of points or repeating the task, up to failure of the course and / or dismissal from the program.

By adhering to these principles, we can promote the health and well-being of animals while ensuring a safe environment for both patients and veterinary personnel.

Selecting the Clinical Mentorship Site – Facility Requirements

You must visit the Clinical Mentorship Site and determine if the following supplies and equipment are readily available to you for use during your Clinical Mentorship. The mentorship supervisor will verify the availability of required items by completing the Mentorship and Facility Requirement Agreement.

The veterinary care facility must be equipped with the following equipment:

- Halter
- Lead rope
- Twitch
- Thermometer (digital)
- Stethoscope
- Hoof pick
- Dose syringe or 60ml catheter tip syringe

In addition, the following disposable items must be available:

- Syringe – assorted sizes
- Needles – assorted sizes
- Sterile saline or LRS for injection
- 4x4 gauze sponges
- Isopropyl alcohol
- Gauze 3” or 4”
- Roll cotton / leg bandage cotton
- Elastic bandage (Elastikon®, Vet Wrap®, etc)

Introduction to Essential Tasks and Criteria

Before starting each task-

1. Read the Goal, Description, Criteria, and Materials to be Submitted for Evaluation and Verification. Understand what is expected for each task.
2. Make sure that all equipment and supplies needed to complete the task are available. Pay particular attention to the details of what needs to be documented and submitted.
3. Make sure to obtain appropriate permissions where necessary. Please inform the facility's owner/manager of activities. A good relationship with the veterinarian in charge is key to having a positive Clinical Mentorship experience.

After performing each task-

1. Label all items submitted so that the materials submitted for evaluation and validation at Purdue are identified as the student's submission.
2. Label all videos posted to Brightspace with the task number.
3. Submit materials by the deadlines listed in the course syllabus

Introduction to Special Projects

Certain mentorships will have required projects to complete in addition to the required tasks. Written projects should be typed, and checked for correct grammar and spelling. Photos should be embedded into the related written documents.

Before starting each project-

1. Read through the project in its entirety. This will give you a description of the project and what is needed to complete it successfully.
2. Determine what materials, if any, need to be submitted for completion of the project.
3. Most projects will come with a list of questions/points that need to be addressed and included in the written document.
4. If video is required for a project, it should be noted on the videotape verbally that this is for the project and not another required task. Some projects may require a verbal narration of a student doing something. Each individual project will define if that is a necessary requirement for that project.

1. VIDEO VERIFICATION OF REQUIRED EQUIPMENT AND SUPPLIES

Goal: Ensure that the student will have access to all equipment and supplies necessary to complete the skills in this course.

Description: The student will provide a narrated video showing equipment and supplies specific to this mentorship, to verify that required items are available to them and adequate for completion of tasks in their facility.

Criteria:

- The student introduced the video and showed their face clearly.
- The student walked through the facility and showed the following clearly:
 - VTDL-provided sign informing clients that students may be involved in patient care (it should be displayed in an area that is visible to clients). **(CRITICAL)**
 - Equine halter
 - Lead rope
 - Twitch
 - Hoof pick
 - Leg bandage cotton
- The student provided narration throughout the task

Number of Times Task Needs to be Successfully Performed: 1

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Video Verification of Required Equipment and Supplies, signed by the Clinical Mentorship supervisor.
2. One video showing the student as they introduced themselves and walked through the facility, showing the listed items clearly. The student narrated the video live as they showed items.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

I verify that the student will have access to the items shown for tasks in this course.

Signature of Clinical Mentorship Supervisor: _____

2. APPROACHING, HALTERING, AND LEADING THE EQUINE PATIENT

Goal: Approach, halter and lead equine patient with minimal stress to the patient and without injury to either the patient or veterinary team member.

Description: The student will quietly and safely approach the untethered equine patient. The student will place a halter and lead the equine patient, then un-halter the horse while always demonstrating safe movement around the equine patient.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student positioned the unbuckled halter in their left hand for placement on the horse, with the non-snap end of the lead rope in their right hand.
- Without quick movements and loud noises, the student properly approached the patient at a 45° angle to the patient's left shoulder. **(CRITICAL)**
- The student placed the end of the lead over the horse's neck, and passed sufficient length of lead to form a handheld loop around the horse's neck.
- Holding the handheld loop in their right hand, with their left hand the student slipped the nose-band of the halter over the nose. **(CRITICAL)**
- With their right hand under the horse's neck, the student passed the crown strap over the head and behind the ears and attached the end to the appropriate place on the halter. **(CRITICAL)**
- The student snapped the end of the lead to the lead ring of the halter and undraped the lead rope from the horse's neck.
- The student adjusted the halter so it was snug enough that the nose piece could not fall over the end of the nose, but not so tight that the halter cut or rubbed the horse or restricted jaw movement or breathing. **(CRITICAL)**
- The student folded the loose end of the lead in an accordion fashion, and held it in their left hand.
- The student positioned themselves on the left side of the horse, approximately midway along the horse's neck, 12 to 18" from the horse's body, with their right hand grasping the lead approximately 6 to 12" from the lead ring of the halter.
- The student led the horse from the "neck" position.
- The student remained alert to the movements and reactions of the horse. **(CRITICAL)**
- The student did not lead from in front of the horse or lag back allowing the horse to pull them.
- The student removed the halter from the horse and was observant when they walked away from the horse.
- The student never at any point ducked under the horse's head or neck. **(CRITICAL)**
- The student worked safely around the horse at all times **(CRITICAL)**
- The student was not injured and the horse was not stressed or injured in any of the above procedures. **(CRITICAL)**
- The student provided narration throughout the task

2. APPROACHING, HALTERING, AND LEADING THE EQUINE PATIENT (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification form for Approaching and Placing a Halter in the Food Animal Patient task, signed by the clinical mentorship supervisor.
2. One video that clearly shows the student approaching a bovine patient and placing a halter as defined in the above criteria for this task. Clear verbalization of the process should occur throughout the video.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

3. APPLYING A CHAIN, ROPE, OR HUMANE NOSE TWITCH TO A HALTERED HORSE

Goal: Apply, utilize and remove a chain or rope nose twitch to distract the haltered equine patient without causing injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant, the student will apply and demonstrate the utilization and removal of a chain or rope nose twitch.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student properly approached the left side of a haltered horse, held on a lead by the assistant, positioning themselves forward of the assistant and lateral to the head of the horse. **(CRITICAL)**
- With their left hand, the student passed their hand part way through the loop of the twitch, so that their pinky or index finger and thumb were not through the loop and so that the loop would not slide completely over their hand.
- The handle of the twitch was held in the student's right hand
- The student's hand holding the loop, was brought over the bridge of the nose and gently, but without hesitation, brought down to the upper lip. **(CRITICAL)**
- The student grasped the upper lip and nose of the patient securely and slipped the loop of the twitch off the fingers and over the upper lip and nose. **(CRITICAL)**
- The student twisted the handle of the twitch toward the head (clockwise) until the loop was snug, to prevent the loop from falling off and to distract the horse, but not so much to cause excessive pain. **(CRITICAL)**
- The student instructed the assistant to hold the horse's head to the left with the lead.
- The student did not pull the horse's head to the left with the twitch.
- The student did not stand in front of the horse. **(CRITICAL)**
- The student applied pressure to the lip with a twist and not a pull.
- The student altered the pressure on the lip with a rocking motion, slightly releasing and re-tensing the tension on the loop.
- The student kept both hands on the twitch during the procedure.
- The student released the twitch and rubbed the horse's upper lip and nose. **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

3. APPLYING A CHAIN, ROPE, OR HUMANE NOSE TWITCH TO A HALTERED HORSE (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 1

Materials Submitted for Evaluation and Verification:

1. Task Verification form for Applying a Chain or Rope Nose Twitch to a Haltered Horse task, signed by the clinical mentorship supervisor.
2. One video clearly showing the intricacies of placing, utilizing and removing the nose twitch. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

4. PERFORM A PHYSICAL EXAMINATION IN THE EQUINE PATIENT

Goal: To complete an accurate physical examination and record the information accurately in the patient's record.

Description: The student will perform a systematic physical examination of all major bodysystems on a equine patient, and record this information on a Physical Examination sheet. As an alternative, the student may photocopy the recorded physical examination from the clinical record if allowed by the clinical mentorship supervisor. The clinical mentorship supervisor will verify the accuracy of the physical examination and observe the student performing the physical examination to verify the criteria of this task.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student observed the patient to assess attitude before approaching the patient to begin the physical examination. **(CRITICAL)**
- The student examined each of the following items on the physical examination (both sides): **(CRITICAL)**
 - Temperature, pulse, respiration
 - Capillary refill time/Mucous membranes
 - General appearance
 - Body scoring
 - Integumentary system
 - Musculo-skeletal system
 - Circulatory system
 - Respiratory system
 - Genito-urinary system
 - Nervous system
 - Ears
- The student accurately recorded the findings of the physical examination including any abnormalities.
- The student worked safely around the horse at all times
- The student provided narration throughout the task

4. PERFORM A PHYSICAL EXAMINATION IN THE EQUINE PATIENT (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Physical Exam forms for Perform a Physical Exam in an Equine Patient task, signed by the clinical mentorship supervisor.
2. For each patient, either the original written record of the physical examination on the forms provided or a photocopy from the clinical record of the recorded physical examination signed by both the student and the clinical mentorship supervisor. Photocopy of the clinical record may only be done with permission of the veterinarian.
3. One video either with a client animal or a simulation in which the student performs and records a physical examination. The physical examination recorded must be one of the five physical examination forms submitted by the student so that the video observations can be correlated with the written comments. The video should clearly show the student performing each of the required components of the physical examination. The student will verbally state what they are doing and report findings as they perform the exam.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

5. LIFTING FORE / HIND LIMBS AND CLEANING THE EQUINE PATIENT'S HOOVES

Goal: Properly lift the left and right, fore and hind limbs from the respective sides of the patient, and properly clean the patient's hooves without injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant, the student lifted all four limbs and using a hoof pick cleaned the hooves from heel to toe, without injury to the patient or members of the veterinary team.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student properly approached the patient.
- The student stood next to the patient's left forelimb and while leaning into the patients' shoulder, ran their hand down the caudal aspect of the limb until they reached a point 3-4" above the fetlock, gently pinched the tendons, and when the horse shifted its weight away, lifted the foot. **(CRITICAL)**
- After the limb was stabilized, the student placed the hoof between their legs and just above their knees. **(CRITICAL)**
- The student cleaned the hoof with a hoof pick, starting at the heel between the frog and sole and working toward the toe. **(CRITICAL)**
- The student lowered the horse's hoof toward the ground, and released it when the horse had its balance. **(CRITICAL)**
- The student properly moved to the hind quarters of the horse, keeping in physical contact with the patient.
- While leaning into the horse, the student ran the right hand down the caudal aspect of the hind limb, to a point 3-4" above the fetlock and gently pinched the tendons. **(CRITICAL)**
- When the horse shifted its weight the student lifted the limb slightly forward and slightly laterally and then stretched the limb slightly caudally.
- The student rested the hind limb on their leg, above the knee, and cleaned the hoof from heel to toe. **(CRITICAL)**
- The student made the appropriate adjustments of hands and positions and repeated the steps for the right fore and hind limbs. **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

5. LIFTING FORE / HIND LIMBS AND CLEANING THE EQUINE PATIENT'S HOOVES (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Lifting Fore and Hind Limbs and Cleaning the Equine Patient's Hooves task, signed by the clinical mentorship supervisor.
2. One video clearly showing the students position in relation to the horse, position of student's hands in performing the procedures and the cleaned right and left, fore and hind hooves. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

6. APPLYING A LEG WRAP

Goal: On an equine patient, properly place a lower leg wrap that is not wrinkled and will not slip or be excessively tight, without injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant, the student will wrap the equine patient's lower leg such that it will not slip or be wrinkled, using Battaglia's *Handbook of Livestock Management* as a guide.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student properly approached the patient. **(CRITICAL)**
- The student placed the padding on the lower limb (cannon) below the carpus on the forelimb and below the hock on the hind limb and extending to approximately 1" distal to the coronet. The leading edge of the padding was placed on the lateral surface of the cannon and unwrapped, from the underside of the roll, caudal medial cranial and overlapped laterally to finish. Note: If roll cotton was used, at least two layers were applied. **(CRITICAL)**
- The student started the elastic bandage material laterally and midway between the proximal and distal end of the pad, with the leading end of the bandage overlapped, approximately 2-3"s with the end of the padding. The end bandage was unrolled from the top of the leading edge, moving caudally, medial, cranially, laterally, distally to just above the end of the padding at the hoof, then proximally, to just below the top of the padding. **(CRITICAL)**
- The student applied the bandage without wrinkles, tight enough to prevent slippage but not so tight as to restrict circulation. **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

6. APPLYING A LEG WRAP (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2, either front or rear limb

Materials Submitted for Evaluation and Verification:

1. Task Verification form for Lower Leg Wrap task, signed by the clinical mentorship supervisor.
2. One video clearly showing the student's position in relation to the horse and position of student's hands in performing the procedures, and final wrap. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

7. APPLYING A TAIL WRAP AND TAIL TIE

Goal: To properly and securely wrap and tie the tail of the horse using a “tail tie” knot to remove the tail from the perianal area, without injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead rope held by a knowledgeable assistant, properly demonstrate the application of a “tail tie” knot on the patient.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student properly approached the patient on the left side and properly moved to the patient’s hind quarters, and stood to the side for the procedure. **(CRITICAL)**
- The student removed debris or chaff from the tail. **(CRITICAL)**
- The student unrolled approximately 12 inches of wrap, lifted the tail slightly, slid a single layer under the tail, and moved it up toward the tail head as high as possible without wrinkling or folding the wrap or rumpling the hairs. The wrap was positioned so it was unrolled from the top of the leading edge. **(CRITICAL)**
- The student brought the leading edge of the wrap over the top of the tail and began to unroll the wrap over the leading edge.
- After two wraps at the top, the student continued distally, maintaining even tension and overlapping each wrap approximately half of the previous wrap. **(CRITICAL)**
- Every 3-4 wraps, the student folded a tuft of hair into the wrap.
- The student continued wrapping to a point 2-3 inches below the last caudal vertebrae and secured the wrap with the device appropriate for the wrap utilized. **(CRITICAL)**
- With the longer end of the rope to the right, the student held the short end of the rope over the tail just below the last coccygeal vertebrae and folded the rest of the tail upward over the rope. **(CRITICAL)**
- The student passed the short end of the rope under the tail and making a loop in the end, brought the loop over the folded tail and pulled it tight through the rope which was looped around the tail **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

7. APPLYING A TAIL WRAP AND TAIL TIE (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Tail Wrap and Tie task, signed by the clinical mentorship supervisor.
2. One video clearly showing the student's position in relation to the horse, position of student's hands in performing the procedure, and the security of the knot. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

8. ADMINISTRATION OF A LIQUID MEDICATION IN AN EQUINE PATIENT

Goal: Properly administer a liquid medication to an equine patient, without injury to the patient or the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant, properly administer a liquid medication to an equine patient,

Note: *Applesauce may be used in lieu of medication for this task*

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student properly approached the patient. **(CRITICAL)**
- The student extended the right arm under the chin and then over the muzzle to maintain control of the patient's head while administering medication with the left hand **(CRITICAL)**
- The student maintained control of the head or muzzle during administration of the medication **(CRITICAL)**
- The student was able to insert the drenching instrument of choice **(CRITICAL)**
- The medication was swallowed without choking **(CRITICAL)**
- The student was able to control the patient in a manner that was adequate to administer the medication yet did not harm the patient **(CRITICAL)**
- The student provided narration throughout the task

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Administration of a Liquid Medication task, signed by the clinical mentorship supervisor.
2. One video clearly showing the student's position in relation to the horse, and position of student's hands in performing the procedures, from approaching the patient to administration of the medication. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

9. COLLECTION OF BLOOD FROM THE JUGULAR VEIN

Goal: Aseptically and properly collect 5 mL of blood from the jugular vein of a horse without injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant, properly insert the appropriately sized needle into the jugular vein and collect 5 mL of blood

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student safely approached the patient. **(CRITICAL)**
- The student wiped the appropriate area of the jugular furrow with alcohol until all debris was removed.
- The student occluded the vein proximal to the venipuncture site and demonstrated distension of the vein. **(CRITICAL)**
- The student positioned the bevel of the needle upward and the tip of the needle pointing cranially and thrust the needle through the skin and into the vein. **(CRITICAL)**
- If the venipuncture was not successful, the student redirected the needle towards the vein, while still under the skin, and thrust the needle into the vein. **(CRITICAL)**
- The student withdrew appropriate volume for testing into the syringe or allowed the Vacutainer® to fill to its capacity. **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Collection of Blood from the Jugular Vein task, signed by the clinical mentorship supervisor.
2. One video clearly showing the student's position in relation to the horse and the position of the student's hands in performing the procedures, from approaching the patient to cessation of bleeding upon removal of the needle, including the properly filled syringe or Vacutainer®. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

10. ADMINISTERING AN INTRAVENOUS INJECTION

Goal: On an equine patient, properly administer intravenous injection in the appropriate location and without injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant the student properly administered an intravenous injection in the appropriate location on the equine patient.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student prepared the mid jugular furrow region.
- The student occluded the vessel proximal to the injection site and demonstrated venous fill and prominence. **(CRITICAL)**
- With the needle not attached to the syringe, the student inserted the needle into the vein in a direction toward the heart, aspirated, and administered medication or 5 cc of sterile normal saline. **(CRITICAL)**
- If the vein was missed, the student redirected the needle and inserted it into the vein while still under the skin. **(CRITICAL)**
- The student applied gentle digital pressure until bleeding subsided. **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Intravenous Injection task, signed by the clinical mentorship supervisor.
2. One video clearly showing the student's position in relation to the horse, and position of student's hands in performing the procedures, including depicting all criteria for proper preparation, and successful injections. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____

11. ADMINISTERING AN INTRAMUSCULAR INJECTION

Goal: On an equine patient, properly administer intramuscular (IM) injection in the appropriate location and without injury to the patient or members of the veterinary team.

Description: On a haltered horse properly restrained with a lead held by a knowledgeable assistant, the student properly administered an IM injection in the appropriate location on the equine patient.

Criteria:

- The student introduced the video and showed their face clearly **(CRITICAL)**
- The supervising mentor was physically present and actively supervising the student for the entire task. The student showed and introduced their supervising mentor. **(CRITICAL)**
- The student prepared the serratus cervicis for the IM injection, and pointed out and verbally stated the anatomical borders of the site **(CRITICAL)**
- Without the needle attached to the syringe, while holding the hub of the needle between their index and middle finger, the shaft of the needle toward their palm, the student tapped the site with the back of their hand or fist and without hesitation, turned needle toward the neck and inserted it through the skin and deep into the muscle. **(CRITICAL)**
- The student attached the syringe to the needle, aspirated, and injected medication or 1 cc of saline. **(CRITICAL)**
- There was no blood return on aspiration.
- The student rubbed the site after withdrawal of the needle. **(CRITICAL)**
- The student worked safely around the horse at all times. **(CRITICAL)**
- The student provided narration throughout the task

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

1. Task Verification Form for Intramuscular Injection task, signed by the clinical mentorship supervisor.
2. One video clearly showing the student's position in relation to the horse, and position of student's hands in performing the procedures, including depicting all criteria for proper preparation, and successful injections. The audio must include the student's narration of the procedure.

Student Name: _____

Supervisor Name: _____ RVT, CVT, LVT, LVMT, DVM, VMD

Patient Name: _____ **Date:** _____

Patient Name: _____ **Date:** _____

I verify that the student performed these tasks under my active and continuous supervision.

Signature of Clinical Mentorship Supervisor: _____