PURDUE
VETERINARY MEDICINE

PURDUE UNIVERSITY COLLEGE OF VETERINARY MEDICINE

Veterinary Technology Distance Learning
Spring 2026 version

Equine Diagnostic Imaging Mentorship

VM 21700

Criteria Logbook

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Clinical Mentorship Tasks

1. Video Verification of Equipment and Supplies
2. Produce a diagnostic quality Lateromedial Projection of the Carpus†
3. Produce a diagnostic quality Dorsopalmar Projection of the Carpus †
4. Produce a diagnostic quality Lateromedial Projection of the Metacarpophalangeal joint (Fetlock) †
5. Produce a diagnostic quality Dorsoplantar Projection of the Metacarpophalangeal joint (Fetlock) †
6. Produce a diagnostic quality Dorsolateral-Palmaromedial Oblique Projection of the Metacarpophalangeal joint (Fetlock) †
7. Produce a diagnostic quality Dorsomedial-Palmarolateral Oblique Projection of the Metacarpophalangeal joint (Fetlock) †
8. Produce a diagnostic quality Lateromedial Projection of the Tarsus †
9. Produce a diagnostic quality Dorsoplantar Projection of the Tarsus †
10. Produce a diagnostic quality Lateromedial Projection of the Distal Phalanx (Coffin Bone) †
11. Produce a diagnostic quality Dorsoplantar or Dorsopalmar Projection of the Distal Phalanx †

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

Student Information

Contact Information

Questions regarding this mentorship (tasks, due dates, etc.) should be directed to:
Liane Shaw, MSHE, BS, RVT, VTS-DI
lkshaw@purdue.edu

Questions regarding the overall Clinical Mentorship process should be directed to:
Jennifer Smith, BS, RVT, LATG
Clinical Mentorship Coordinator
jpope@purdue.edu

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 appropriated 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 patient in sternal recumbency (†)
- Restrain a patient in lateral recumbency (†)
- Restrain a patient for cephalic venipuncture (†)
- Restrain a patient for saphenous venipuncture (†)
- Restrain a patient for jugular venipuncture (†)
- Administer subcutaneous injection(††)
- Administer intramuscular injection(††)
- Intravenous cephalic injection canine(††)

Failure to comply with the Animal Use Guidelines will 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:

- 20MA (or greater) / 80KVP (or greater) x-ray machine (portal low output)
- Stand for portable x-ray machine
- X-ray machine technique chart and written standard operating procedures (SOP) for machine usage, and proof of current state certification
- Thyroid shields (2)
- 0.5mm lead aprons (2)
- 0.5mm lead gloves that provide 360 degree full coverage of hands (2 pairs)
- Facility provided individual personal radiation exposure monitoring device (dosimetry badge) for all who participate in radiographs (student and each staff member)
- Right and left ***lead*** identification markers
- Hoof picks
- Two Wooden blocks
- Method to measure focal film distance (26-32")
- Digital radiographic or analog radiographic capability and cassette holder
- Patient identification labeling system for digital images that includes ALL the following information **prior to exposure**:
    - Patient first name
    - Patient late name
    - Facility name
    - Date image acquired

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. No edited versions of the Task Verification Form (TVF) will be accepted. All submission must be original and unaltered.
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 ***donned in PPE*** showed their face clearly and introduced themselves and the task. **(CRITICAL)**
- The student showed and introduced the supervising mentor, who must be physically present and actively supervising the student for the ***entire task***. **(CRITICAL)**
- The student walked through the Large Animal Imaging Area and showed the following clearly: **(CRITICAL)**
    - 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).
    - 20MA (or greater) / 80KVP (or greater) x-ray machine (portal low output) with a stand for the portable x-ray machine
    - Digital radiographic system and a Cassette holder
    - Current state certification showing machine maintenance and inspection (show date)
    - Technique chart for x-ray machine
    - Machine usage standard operating procedures (SOP) demonstrated and narrated
    - Thyroid shields (2)
    - 0.5mm lead aprons (2)
    - 0.5mm lead gloves that provide 360 degree coverage of hands (2 pairs)
    - Right and left ***lead*** identification markers
    - Individual personal radiation exposure monitoring devices for the student and all who assist with x-rays (dosimetry badge)
    - Demonstrate the patient identification labeling system for digital images that includes ALL the following information **prior to exposure**:
        - Patient first name
        - Patient late name
        - Facility name
        - Date image acquired
    - Hoof pick
    - Wooden Equine Positioning blocks
    - Method to measure focal film distance (26”-32”)
- The student provided live narration throughout the task in one continuous, unedited video.

1. VIDEO VERIFICATION OF REQUIRED EQUIPMENT AND SUPPLIES (CONTINUED)

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 who was physically and actively supervising the student for the full task.
2. One video showing the student as they introduced themself and walked through the Large animal imaging area, showing the above listed items clearly. The student narrated the video live as they showed items.
3. A radiographic image showing the patient label. (JPG or PDF) labeled as **task1Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

2. EQUINE LATEROMEDIAL CARPAL PROJECTION

Goal: To proficiently produce a diagnostic quality mediolateral radiographic projection of the radius/ulna on a feline or canine patient.

Description: The student will position the animal to produce a diagnostic quality lateromedial carpus image while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

2. EQUINE LATEROMEDIAL CARPAL PROJECTION (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task2Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

3. EQUINE DORSOPALMAR CARPAL PROJECTION

Goal: To proficiently produce a diagnostic quality dorsopalmar radiographic projection of the carpus on an equine patient.

Description: The student will position the animal to produce a diagnostic quality dorsopalmar carpus image while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

3. EQUINE DORSOPALMAR CARPAL PROJECTION (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task3Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

4. EQUINE LATEROMEDIAL PROJECTION OF THE METACARPOPHALANGEAL JOINT

Goal: To proficiently produce a diagnostic quality lateromedial radiographic projection of the metacarpophalangeal joint on an equine patient.

Description: The student will position the patient to produce a diagnostic quality LM image of the fetlock joint while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

4. EQUINE LATEROMEDIAL PROJECTION OF THE METACARPOPHALANGEAL JOINT (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task4Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

5. EQUINE DORSOPALMAR PROJECTION OF THE METACARPOPHALANGEAL JOINT

Goal: To proficiently produce a diagnostic quality dorsopalmar radiographic projection of the metacarpophalangeal joint on an equine patient.

Description: The student will position the patient to produce a diagnostic quality DP image of the fetlock joint while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

5. EQUINE DORSOPALMAR PROJECTION OF THE METACARPOPHALANGEAL JOINT (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task5Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

6. EQUINE DORSOLATERAL-PALMAROMEDIAL OBLIQUE PROJECTION OF THE METACARPOPHALANGEAL JOINT

Goal: To proficiently produce a diagnostic quality dorsolateral-palmaromedial oblique radiographic projection of an equine patient.

Description: The student will position the patient to produce a diagnostic quality DLPMO fetlock image on an equine patient while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

6. EQUINE DORSOLATERAL-PALMAROMEDIAL OBLIQUE PROJECTION OF THE METACARPOPHALANGEAL JOINT (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task6Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

7. EQUINE DORSOMEDIAL-PALMAROLATERAL OBLIQUE PROJECTION OF THE METACARPOPHALANGEAL JOINT

Goal: To proficiently produce a diagnostic quality dorsomedial-palmarolateral oblique radiographic projection of an equine patient.

Description: The student will position the patient to produce a diagnostic quality DMPLO fetlock image on an equine patient while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

7. EQUINE DORSOMEDIAL-PALMAROLATERAL OBLIQUE PROJECTION OF THE METACARPOPHALANGEAL JOINT (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task7Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

8. EQUINE LATEROMEDIAL TARSAL PROJECTION

Goal: To proficiently produce a diagnostic quality lateromedial tarsus radiographic projection of an equine patient.

Description: The student will position the patient to produce a diagnostic quality LM hock image on an equine patient while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

8. EQUINE LATEROMEDIAL TARSAL PROJECTION (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task8Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

9. EQUINE DORSOPLANTAR TARSAL PROJECTION

Goal: To proficiently produce a diagnostic quality dorsoplantar tarsus radiographic projection of an equine patient.

Description: The student will position the patient to produce a diagnostic quality DP hock image on an equine patient while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

9. EQUINE DORSOPLANTAR TARSAL PROJECTION (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task9Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

10. EQUINE LATEROMEDIAL PROJECTION OF THE DISTAL PHALANX

Goal: To proficiently produce a diagnostic quality lateromedial distal phalanx radiographic projection of an equine patient.

Description: The student will position the patient to produce a diagnostic quality LM foot image on an equine patient while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

10. EQUINE LATEROMEDIAL PROJECTION OF THE DISTAL PHALANX (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task9Rad**

Student Name: _____ Date: _____

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: _____

Date: _____

11. EQUINE DORSOPALMAR PROJECTION OF THE DISTAL PHALANX

Goal: To proficiently produce a diagnostic quality dorsopalmar distal phalanx radiographic projection of an equine patient.

Description: The student will position the patient to produce a diagnostic quality DP foot image on an equine patient while adhering to proper radiation safety regulations.

Note: *The student must practice this task at least once on another equine patient with the mentor before filming and submitting the task video.*

The student may NOT crop the image post-exposure or use computer-editing software. Appropriate collimation must be done when producing the image to decrease scatter radiation.

Criteria:

- *The student and all assisting followed ALARA principles and were donned in full Radiation Safety PP*E **(CRITICAL)**
- The student positioned the animal squarely, so the weight was distributed evenly on each limb.
- The student positioned the primary beam parallel to the floor at appropriate focal film distance and centered over the area of interest. **(CRITICAL)**
- The student appropriately demonstrated collimation of the primary beam to include only the landmarks for the area of interest (AOI) as defined in the course materials creating a diagnostic quality image (**CRITICAL)**
- The student selected and utilized a proper lead identification marker (L or R) according to which limb was being imaged and placed the marker in the correct location.
    - ***Post-exposure digital markers are not accepted***
- The student produced the radiograph with a proper diagnostic radiographic exposure technique.
- The student recorded the full process (positioning through production) of the radiograph with a recorded post-production radiographic diagnostic quality (CALIPER) image self-evaluation (can be a separate video) that includes the following criteria: **(CRITICAL)**
    - Collimation
    - Artifacts
    - Landmarks
    - Identification
    - Positioning errors
    - Exposure techniques (radiographic contrast)
    - Radiographic presentation

11. EQUINE DORSOPALMAR PROJECTION OF THE DISTAL PHALANX (CONTINUED)

Number of Times Task Needs to be Successfully Performed: 2

Materials Submitted for Evaluation and Verification:

- Task Verification Form (TVF) signed by the clinical mentorship supervisor who was physically and actively supervising the student for the full task **(start to finish)**.
- Submit **one unedited live video** that clearly shows the student correctly positioning the patient for the **requested AOI**. The video must demonstrate proper anatomical landmarks and include the **image acquisition**, showing the **revealed radiograph** that is of **diagnostic quality**.
- A post-production verbally narrated CALIPER diagnostic quality image self-evaluation, as defined by the criteria outlined above for this task.
- Radiographic image. (JPG or PDF) labeled as **task9Rad**

Student Name: _____ Date: _____

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: _____

Date: _____