PURDUE
VETERINARY MEDICINE

**PURDUE UNIVERSITY COLLEGE OF VETERINARY MEDICINE**

**Veterinary Nursing Distance Learning**
**Fall 2025 version**

# Small Animal Anesthesia Mentorship

## VM 21000

## Criteria Logbook

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## Student Information



## Clinical Mentorship Tasks



## Clinical Mentorship Projects



***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 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 asterisk) 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 asterisks) 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 asterisks 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:

- Anesthetic machine
- Endotracheal tubes of various sizes with functioning cuffs
- Stylet for feline intubation
- Laryngoscope
- Rebreathing system
- Non-rebreathing system
- Reservoir bag – assorted sizes (e.g. 0.5L to 5L)
- Anesthetic / oxygen masks
- Scavenging systems
- Stethoscope
- Esophageal stethoscope
- ECG monitor
- Pulse oximeter monitor (SPO2)
- Capnograph or capnometer monitor (ETCO2)
- Blood pressure monitor (BP) with various cuff sizes
- Heating pad or other heat source

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

- Inhalant – isoflurane or sevoflurane
- Oxygen
- Lidocaine injectable, spray, or gel for feline intubation
- Intravenous fluids
- Pre-medication agents (e.g. opioids, benzodiazepines, alpha-2 agonists, dissociatives)
- Induction agents (e.g. propofol, alfaxalone)
- Emergency drugs (e.g. epinephrine, reversal agents, atropine)

In addition, the following disposable items must be available:

- Inhalant – isoflurane or sevoflurane
- Roll gauze or equivalent for ET tube tie
- IV catheters
- Syringes – assorted sizes
- Needles – assorted sizes
- Aseptic prep for IV catheter sites
- Sterile saline flush
- Tape
- Fluid administration set
- Eye lubricant
- Towels or blankets
- Anesthetic record

## 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.

## Important Information Regarding Canine and Feline Cases

Video submission for this course will include two cases: one canine and one feline. Each case will be followed from preparation through recovery.

- **Your canine patient must weigh over 15 pounds (7kg) to meet the rebreathing anesthetic circuit requirement.**
- **Your feline patient must weight less than 15 pounds (7kg) to meet the non-rebreathing anesthetic circuit requirement.**

***NOTE**: Tasks are separated in the logbook for ease of evaluation as well as clarity for the student. In reality, each task will be part of one ongoing procedure. All criteria for each task must be shown clearly on the video submission. The student will narrate on the video, explaining what they are doing and why, as well as what they are seeing, hearing, feeling, etc. in their patient.*

# 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:
    - VNDL-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)**
    - Evidence that the anesthesia machine has been serviced as part of routine maintenance. **(CRITICAL)**
    - Rebreathing anesthetic circuit **(CRITICAL)**
    - Non-rebreathing anesthetic circuit **(CRITICAL)**
    - Esophageal stethoscope **(CRITICAL)**
    - Electrocardiograph (ECG) monitoring device **(CRITICAL)**
    - Blood pressure monitoring device **(CRITICAL)**
    - Pulse oximetry monitoring device **(CRITICAL)**
    - End-tidal CO2 monitoring device (capnograph or capnometer) **(CRITICAL)**

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**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. OBTAIN HISTORY PRIOR TO ANESTHESIA (CANINE OR FELINE)

**Goal:** To obtain complete and accurate information from a client by asking specific questions about the pet prior to the patient receiving general anesthesia

**Description:** The student will question a client about the past and current condition of the animal that is to receive general anesthesia and record the history on the attached History Sheet. As an alternative, the student may photocopy the recorded history from the clinical record if allowed to do so by the veterinarian. The Clinical Mentorship supervisor will verify the accuracy of the obtained history and observe the student performing the history to verify the criteria for this task.

**Criteria:**

- The student allowed the client to state the presenting problem or reason for visit before asking additional directed questions
- The student asked the questions clearly and used terminology the client understood so that the client was able to answer the question accurately.
- The student asked specific questions regarding the following:
- When the patient last had food and water
- Did the patient have access to other sources of food and water
- Has the patient ever received anesthetic agents before (either sedatives or general anesthetics)
- If so, how did the patient recover from them
- Any reactions to medications
- How has the patient been acting lately
- The student asked a set of general health questions
- The student maintained good communication skills:
    - Good eye contact
    - Non-verbal body language that encouraged the client to continue to speak
- Allowed the client to finish a statement without interrupting
- The student asked questions in such a way that the question was not a leading question
- When /if a client was unable to understand a question, the student was able to formulate a different way of asking the same question and obtaining the needed information
- The student periodically repeated the information back to the client for confirmation that the student's interpretation of what the client said or meant is correct
- The student was able to direct the history taking dialogue to obtain the information in a timely manner (i.e. didn't allow the conversation to wander too far from the goal of getting a complete and accurate history)
- The student was able to establish a working rapport with the client. The student conducted the history interview in a courteous and professional manner
- The student was able to gauge the amount of history needed based upon the critical status of the patient (e.g. if the case was an animal in critical status, only the pertinent history was obtained before emergency treatment was begun)
- The student accurately recorded the history obtained from the client in sufficient detail to convey all the information needed by the veterinarian

# 2. OBTAIN HISTORY PRIOR TO ANESTHESIA (CANINE OR FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: Yes

**Number of Times Task Needs to be Successfully Performed**: 1

**Materials Submitted for Evaluation and Verification**:

1. Task Verification form for the history taking prior to anesthesia skill, signed by Clinical Mentorship supervisor
2. Either the original written record of the history for each patient or a photocopy from the clinical record of the written history signed by both the student and the Clinical Mentorship supervisor
3. One video with a client animal (in-person or over the phone) in which the student elicits and records a history. The written history corresponding to the video must be signed by the student and Clinical Mentorship supervisor and submitted with the video.

***NOTE***: This task cannot be simulated with a coworker or your mentor. It must be performed with an actual client. This take can be performed on either your canine or feline case.*

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 2. OBTAIN HISTORY PRIOR TO ANESTHESIA (CANINE OR FELINE) (CONTINUED)

Example History Sheet for Submission

Client: _____ Patient: _____

Date: _____

Reason needing General Anesthesia: _____

History:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

History obtained by: _____
Student's Name Printed

I attest that the student obtained this history:

_____
Clinical Mentorship Supervisor Signature

# 3. PRE-ANESTHETIC PREPARATION OF THE ANESTHETIC MACHINE (CANINE)

**Goal:** To prepare an anesthetic machine for use on a canine patient receiving inhalant anesthesia through a rebreathing system

**Description:** The student will prepare the anesthetic machine for use on a canine patient that is to receive inhalant anesthesia. This will be done prior to the case.

**Criteria:**

- The student checked the main oxygen source to verify there was enough oxygen to complete the procedure.
- The student turned the oxygen on and verified the oxygen pressure gauge was working and the flow meter was functioning by turning on the flow meter temporarily to watch the ball move to the desired oxygen flow.
- The student checked the soda lime canister to ensure the granules were fresh according to the practice standard operating procedure.
- The student checked the vaporizer to make sure there was inhalant agent in the vaporizer and that it was at least half full and the dial moved smoothly.
- The student attached the proper breathing system and breathing bag for the patient being anesthetized. **(CRITICAL)**
- The student traced the flow from the oxygen source, through the machine, to the patient, from the patient and back to the scavenge system to ensure all connections were correctly assembled, narrating with *correct names for all parts of the machine*. **(CRITICAL)**
- The student properly performed a low-pressure leak test to ensure all connections were secure and no leaking of gas would occur. **(CRITICAL)**
- The student opened the pop-off valve to ensure it was not stuck or closed prior to anesthesia.

# 3. PRE-ANESTHETIC PREPARATION OF THE ANESTHETIC MACHINE (CANINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification form for the Pre-anesthetic Preparation of Anesthetic Machine skill, signed by Clinical Mentorship supervisor.
2. One video of the student setting up and checking the machine with the rebreathing system. The student will show close up views of the gauges during checking so the instructor can verify no leaks were present. The student should also provide a narrative of steps performed while videoing.
3. Facility standard operating procedure (SOP) for soda lime maintenance.

***NOTE**: If your practice does not have an SOP, you will have to create one. There are examples within Brightspace you can reference.*

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 4. PREPARATION OF SUPPLIES PRIOR TO GENERAL ANESTHESIA (CANINE)

**Goal:** To prepare anesthetic supplies prior to general anesthesia.

**Description:** The student will prepare all supplies needed for general inhalant anesthesia to ensure that materials needed for induction and maintenance of anesthesia are available and ready.

**Criteria:**

- The student chose at least 2 endotracheal tubes of appropriate size for the patient to be anesthetized, checked the cuffs for leaks, and placed them at the induction area. **(CRITICAL)**
- The student placed a piece of non-stretch gauze or equivalent near the endotracheal tubes for use in tying the tube. The piece was of adequate length to tie around the tube and the jaw.
- The student placed a syringe near the endotracheal tubes for filling the cuff after intubation.
- The student prepared for placement of an intravenous catheter of appropriate size for the patient being anesthetized.
- The student provided ophthalmic lubricating ointment at or near the induction area to lubricate the eye after induction.
- The student provided an oxygen mask near the induction area to provide oxygen or inhalant agent prior to intubation if needed.
- The student had a stethoscope and other monitoring devices ready for use at the induction area and verified they were in working order.
- The student prepared the monitors and anesthesia machine in the surgery room if the patient was to be moved after induction.
- The student located and made others aware of the location of the emergency supplies in case they are needed during the procedure.
- The student provided towels, blankets and other methods for keeping the patient warm at the anesthesia area.
- The student set up intravenous fluids with an administration set at the induction area for use during anesthesia.
- The student prepared the anesthesia record and placed it at the area for induction.
- The student prepared the anesthesia induction agent for the canine case so it was ready to administer at time of induction.
- The student calculated oxygen flow rate, IV fluid rate and induction agent prior to induction.

# 4. PREPARATION OF SUPPLIES PRIOR TO GENERAL ANESTHESIA (CANINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for the Preparation of Supplies Prior to General Inhalant Anesthesia skill, signed by Clinical Mentorship supervisor.
2. One video submission showing the student preparing the supplies for a canine case. The video should highlight the area that will be used for induction and clearly show all of the supplies mentioned in the criteria. A narrative should be provided while videoing.
3. Written calculation of oxygen flow rate for this patient.
4. Written calculation of IV fluid rate for this patient.
5. Written calculation of induction agent(s) for this patient.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 5. PRE-ANESTHETIC PREPARATION OF THE PATIENT FOR ANESTHESIA (CANINE)

**Goal:** The student will evaluate the patient prior to administration of pre-anesthetic or induction agents to ensure the patient is prepared and in appropriate condition for anesthesia.

**Description:** The student will review the patient chart and pertinent lab work, perform a physical exam, and review the procedure to be performed prior to general anesthesia. This will also allow the student to prepare for potential emergencies or special patient considerations prior to general anesthesia.

**Criteria:**

- The student identified the patient's chart and reviewed it to ensure that the appropriate. laboratory tests had been performed as defined by the practice standard operating procedure. **(CRITICAL)**
- The veterinarian was consulted regarding results prior to premedication or induction of general anesthesia. **(CRITICAL)**
- The student performed a physical exam (not just a TPR) prior to administering any anesthetic. pre-medications. Any abnormalities were brought to the attention of the veterinarian. **(CRITICAL)**
- The student calculated the dosages of preanesthetic agents as prescribed by the veterinarian, and had the doses checked by the mentor prior to administration.
- The student administered the approved pre-medications to the patient at least 15-30 minutes prior to induction of general anesthesia.

# 5. PRE-ANESTHETIC PREPARATION OF THE PATIENT FOR ANESTHESIA (CANINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for the Pre-anesthetic Preparation of the Patient for Anesthesia skill, signed by the Clinical Mentorship supervisor.
2. One video submission showing the student evaluating a canine patient as defined in the criteria. The student will also submit a copy of the anesthetic record for the patients being videoed. This record will include TPR, signalment, procedure and premedication agents with doses being administered. If laboratory tests were ordered, those results should accompany the anesthetic record.
3. Written calculation(s) of preanesthetic agents for this patient.
4. Facility standard operating procedure (SOP) for pre-medication agent(s) for this patient.
5. Facility standard operating procedure (SOP) for laboratory tests prior to anesthesia.

***NOTE**: If your practice does not have SOPs, you will have to create one. There are examples within Brightspace you can reference.*

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 6. INDUCTION BY INJECTABLE AGENT AND INTUBATION (CANINE)

**Goal:** To induce anesthesia in a patient using an injectable anesthetic agent to facilitate intubation, and to intubate a dog without injury to the trachea or other oral structures, ***using a laryngoscope***

**Description:** The student will use one of the approved induction agents to induce a state of general anesthesia facilitating intubation. The student will intubate a dog and verify correct placement of the endotracheal tube.

**Criteria:**

- The student checked the syringe to verify the amount drawn up in the syringe matched the calculations.
- The student removed any air in the syringe.
- The student flushed the patient's catheter to ensure its patency.
- The student checked the work area one last time to make sure all materials were ready.
- The student, with an assistant holding the patient, administered the induction agent according to practice standard protocol. **(CRITICAL)**
- The student attempted to open the patient's mouth to determine if more induction agent was needed to intubate.
- The student waited until the assistant opened the mouth and the dog did not resist opening of the mouth.
- The student chose an appropriate endotracheal tube, and used the tube or the laryngoscope to push the tongue out to the side of the mouth so the assistant could grasp it with a gauze sponge and extend the tongue over the lower canine teeth. The assistant or student did not place their hands in the dog's mouth at any time.
- The student visualized the opening of the trachea and placed the endotracheal tube in the trachea. **(CRITICAL)**
- The student palpated the neck to verify that only one tubular structure existed and the endotracheal tube was properly placed in the trachea.
- The student palpated at the thoracic inlet, moving the tube gently in and out, to verify that the tip of the endotracheal tube was not beyond the bifurcation.
- The student attached the breathing tubes and turned on oxygen, and secured the endotracheal tube with a tie-in.
- The student ventilated the patient to 20cm H2O, listening for a leak around the cuff. If needed, the student inflated the cuff until no leak was heard when inflating the lungs to a pressure of 20cm $H_2O$. A small leak should be heard when inflating the lungs past 20cm $H_2O$. **(CRITICAL)**
- The student turned on the anesthetic vaporizer.

# 6. INDUCTION BY INJECTABLE AGENT AND INTUBATION (CANINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for Induction by Injectable Agent and Intubation (Canine) skill, signed by the Clinical Mentorship supervisor.
2. One video submission showing the student inducing anesthesia with an injectable agent, and intubating a dog, clearly demonstrating all the listed criteria.
3. The student will provide a narrative of the steps performed, including the induction agent and how it is being administered (speed, volume) as well as each step of intubation and checking placement.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 7. MAINTENANCE AND MONITORING OF GENERAL ANESTHESIA (CANINE)

**Goal:** The student will maintain a state of general anesthesia while monitoring the patient's vital signs, reflexes and overall depth of anesthesia ***for a period of at least 30 minutes***. The student will keep parameters within normal limits for the particular breed/species and minimize patient discomfort during the procedure.

**Description:** Following induction and intubation, the student will monitor anesthetic gas concentration and oxygen flow rate, patient vital signs and reflexes, and maintain those values within normal limits. The anesthetic episode should last at least 30 minutes.

**Criteria:**

- The student set the oxygen flow rate according to the patient's weight and requirement based on the breathing system.
- The student adjusted the vaporizer setting based on the patient's response to the induction agent.
- The student verified that the patient was breathing and recorded a heart rate before proceeding further to ensure the patient was stable following induction and intubation.
- The student placed an esophageal stethoscope into the esophagus and secured it to the endotracheal tube (not mouth) in order to facilitate quick removal if an emergency arose. **(CRITICAL)**
- The student attached the ECG, pulse oximeter, blood pressure monitor, and capnometer according to the practice standard operating procedure. **(CRITICAL)**
- The student attached intravenous fluids to the catheter and set the rate for surgical maintenance as ordered by the veterinarian.
- The student closed the pop off valve and manually squeezed the rebreathing bag every 1-2 minutes, regardless of the patient's respiratory rate, to 15-20 cm $H_20$. **(CRITICAL)**
- The student recorded values including heart rate, respiratory rate, SPO2, blood pressure, ETCO2, and anesthetic gas concentration on the anesthesia record every 5 minutes (every 15-30 minutes for temperature and IV fluids). **(CRITICAL)**
- The student brought abnormal readings to the attention of the veterinarian.
- The student checked the patient's reflexes (palpebral, pedal, jaw tone, eye position, depending on accessibility) to ensure the patient was neither to deep nor too light, and brought abnormal responses to the attention of the veterinarian. **(CRITICAL)**
- The student observed the patient's respiratory function by observing the rebreathing bag to count rate and observing chest excursions to ensure adequate depth of each breath.
- The student maintained the anesthetic gas concentration at the lowest level possible to achieve general anesthesia.
- The student decreased the anesthetic concentration near the end of the procedure.
- The student narrated throughout the procedure, explaining what they were doing and why, as well as patient parameter changes and adjustments to anesthesia. **(CRITICAL)**

# 7. MAINTENANCE AND MONITORING OF GENERAL ANESTHESIA (CANINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: Yes

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for the Maintenance and Monitoring of General Anesthesia skill, signed by the Clinical Mentorship supervisor.
2. One video of maintenance and monitoring of a dog. The video must show a ***minimum of 15 minutes and maximum of 40 minutes of uninterrupted video of what the student is doing (not the procedure).*** Please be advised that any video not meeting this time requirement will be subject to point penalties and videos exceeding 40 minutes will not be evaluated beyond the 40-minute mark.
3. The student will provide a narrative of the steps performed, including anesthesia machine settings and changes during the procedure. Monitoring parameters will be addressed verbally (heart rate, respiratory rate, SPO2, blood pressure, ETCO2), whether they are in normal range, and adjustments in response to these values.
4. Facility standard operating procedure (SOP) for monitoring anesthetized patients.

***NOTE**: If your practice does not have an SOP, you will have to create one. There are examples within Brightspace you can reference.*

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 8. RECOVERY FROM GENERAL ANESTHESIA (CANINE)

**Goal:** The student will monitor the recovery of a patient from general anesthesia.

**Description:** The student will monitor the recovery of a patient from general anesthesia following an anesthetic episode that lasts ***at least 30 minutes***. The patient will be closely monitored until extubation and will be periodically monitored until it is able to sit or stand unsupported.

**Criteria:**

- The student turned off the inhalant anesthetic gas and administered oxygen for a period of 2-5 minutes to scavenge waste gases prior to disconnecting the breathing circuit.
- The student inspected the oral cavity to insure it was free of secretions and/or objects that could impede respiration.
- The student maintained the patient's head in a normal position.
- The student deflated the endotracheal tube cuff and untied it from the patient to facilitate quick removal.
- The student removed the esophageal stethoscope and other monitoring devices prior to the patient awakening from general anesthesia.
- The student removed the endotracheal tube when the patient began to swallow (2-3 times) without stimulation. **(CRITICAL)**
- The student observed the patient following extubation for signs of respiratory distress and/or cyanosis, and informed the veterinarian if abnormalities were noted. If abnormalities were noted, the student administered oxygen while awaiting the arrival of the veterinarian.
- The student recorded heart rate, respiratory rate and temperature following extubation. Values were recorded ***every 5 minutes for the first 15 minutes following extubation***. Abnormalities were brought to the attention of the veterinarian. **(CRITICAL)**
- The student used available means to elevate body temperature to normal. The student recorded the patient's temperature every 30 minutes to ensure the patient did not become overheated. Heating methods were discontinued once the patient's temperature reached 100 degrees Fahrenheit.
- The student placed the patient (if recumbent) in the opposite recumbency as it was during the procedure to assist in ventilating the previously "down" lung field.
- If indicated, IV fluids were continued and the rate and catheter site monitored.
- The patient was assessed and/or monitored for signs of pain using a validated veterinary pain scoring system. **(CRITICAL)**
- Analgesics administered as needed on the orders of a DVM and recorded in the patient record. The patient was monitored closely following administration of analgesic agents.
- The student recorded recovery parameters and notes at the bottom of the anesthetic record to become a part of the patient's permanent record.

# 8. RECOVERY FROM GENERAL ANESTHESIA (CANINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for Recovery from General Anesthesia skill, signed by the Clinical Mentorship supervisor.
2. One video of recovery of a canine case. The student will provide a narrative of steps performed and will verbally state what is seen, heard and felt as they continue to monitor the patient. From turning off anesthetic gas to extubation should be included, as well as 2-3 additional checks of the patient. The video may be stopped between checks after the patient is extubated.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 15. ANESTHETIC RECORD (CANINE)

**Goal:** The student will record various parameters during general anesthesia on an anesthetic record. This is a legal document that will be a permanent part of the patient's record.

**Description:** The student will record various parameters outlined in the criteria during general anesthesia. This record will be part of the patient's permanent record.

**Criteria:**

- The anesthetic record included the following information:
    - Patient name
    - Date
    - Signalment
    - Weight
    - Procedure
    - Special precautions or patient conditions pertinent to anesthesia
    - TPR prior to premedication (taken same day as procedure), preferably at rest
    - Preanesthetic, induction agent and any other agents administered in the pre- or peri anesthetic period, including the dose given, and the time
    - Heart rate, respiratory rate, and anesthetic gas concentration recorded every 5 minutes on the anesthesia record
    - SPO2, blood pressure, and ETCO2 recorded every 5 minutes on the anesthesia record
    - Temperature recorded every 15-30 minutes
    - IV fluid volume every 15-30 minutes plus total at end of procedure
    - Notes pertaining to major anesthetic or surgical events
    - Post-operative pain medication (if given) agent and amount
    - Time of beginning and end of anesthesia, the procedure, and extubation.
    - TPR – post extubation and every 5 minutes for 15 minutes or until normal
    - Synopsis of patient recovery and overall anesthetic episode – notes at bottom of record
- Black or blue ink was used, and the record was legible and able to be interpreted.

# 15. ANESTHETIEC RECORD (CANINE) (CONTINUED)

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for the Anesthesia Record skill, signed by the Clinical Mentorship supervisor.
2. Submit the written anesthesia record for the dog used in videos.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 9. PRE-ANESTHETIC PREPARATION OF THE ANESTHETIC MACHINE (FELINE)

**Goal:** To prepare an anesthetic machine for use on a patient receiving inhalant anesthesia through a non-rebreathing system.

**Description:** The student will prepare the anesthetic machine for use on a feline patient that is to receive inhalant anesthesia following induction. This will be done prior to the case.

**Criteria:**

- The student checked the main oxygen source to verify there was enough oxygen to complete the procedure.
- The student turned the oxygen on and verified the oxygen pressure gauge was working and the flow meter was functioning by turning on the flow meter temporarily to watch the ball move to the desired oxygen flow.
- The student checked the vaporizer to make sure there was inhalant agent in the vaporizer and that it was at least half full and the dial moved smoothly.
- The student attached the non-rebreathing system for the patient being anesthetized. **(CRITICAL)**
- The student traced the flow from the oxygen source through the machine to the patient, from the patient and back to the scavenge system to ensure all connections were correctly assembled, narrating with correct names for all parts of the machine. **(CRITICAL)**
- The student properly performed a low-pressure leak test to ensure all connections were secure and no leaking of gas would occur. **(CRITICAL)**
- The student opened the pop-off valve to ensure it was not stuck or closed prior to anesthesia.

# 9. PRE-ANESTHETIC PREPARATION OF THE ANESTHETIC MACHINE (FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification form for the Pre-Anesthetic Preparation of Anesthetic Machine skill, signed by Clinical Mentorship supervisor.
2. One video of the student setting up and checking the machine with the non-rebreathing system. The student will show close up views of the bag during checking so the instructor can verify no leaks were present. The student should also provide a narrative of steps performed while videoing.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 10. PREPARATION OF SUPPLIES PRIOR TO GENERAL ANESTHESIA (FELINE)

**Goal:** To prepare anesthetic supplies prior to general anesthesia.

**Description:** The student will prepare all supplies needed for general inhalant anesthesia to ensure that materials needed for induction and maintenance of anesthesia are available and ready.

**Criteria:**

- The student chose at least 2 endotracheal tubes of appropriate size for the patient to be anesthetized, checked the cuffs for leaks, and placed them at the induction area. **(CRITICAL)**
- The student prepared lidocaine spray/gel and/or a stylet to aid in intubation.
- The student placed a piece of non-stretch gauze or equivalent near the endotracheal tubes for use in tying the tube. The piece was of adequate length to tie around the tube and the jaw.
- The student placed a syringe near the endotracheal tubes for filling the cuff after intubation.
- The student prepared for placement of an intravenous catheter of appropriate size for the patient being anesthetized.
- The student provided ophthalmic lubricating ointment at or near the induction area to lubricate the eye after induction.
- The student provided an oxygen mask near the induction area to provide oxygen or inhalant agent prior to intubation if needed.
- The student had a stethoscope and other monitoring devices ready for use at the induction area and verified they were in working order.
- The student prepared the monitors and anesthesia machine in the surgery room if the patient was to be moved after induction.
- The student located and made others aware of the location of the emergency supplies in case they are needed during the procedure.
- The student provided towels, blankets and other methods for keeping the patient warm at the anesthesia area.
- The student set up intravenous fluids with an administration set at the induction area for use during anesthesia.
- The student prepared the anesthesia record and placed it at the area for induction.
- The student prepared the anesthesia induction agent for the canine case so it was ready to administer at time of induction.
- The student calculated oxygen flow rate, IV fluid rate and induction agent prior to induction.

# 10. PREPARATION OF SUPPLIES PRIOR TO GENERAL ANESTHESIA (FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

6. Task Verification Form for the Preparation of Supplies Prior to General Inhalant Anesthesia skill, signed by Clinical Mentorship supervisor.
7. One video submission showing the student preparing the supplies for a feline case. The video should highlight the area that will be used for induction and clearly show all of the supplies mentioned in the criteria. A narrative should be provided while videoing.
8. Written calculation of oxygen flow rate for this patient.
9. Written calculation of IV fluid rate for this patient.
10. Written calculation of induction agent(s) for this patient.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 11. PRE-ANESTHETIC PREPARATION OF THE PATIENT FOR ANESTHESIA (FELINE)

**Goal:** The student will evaluate the patient prior to administration of pre-anesthetic or induction agents to ensure the patient is prepared and in appropriate condition for anesthesia.

**Description:** The student will review the patient chart and pertinent lab work, perform a physical exam, and review the procedure to be performed prior to general anesthesia. This will also allow the student to prepare for potential emergencies or special patient considerations prior to general anesthesia.

**Criteria:**

- The student identified the patient's chart and reviewed it to ensure that the appropriate laboratory tests had been performed as defined by the practice standard operating procedure. **(CRITICAL)**
- The veterinarian was consulted regarding results prior to premedication or induction of general anesthesia. **(CRITICAL)**
- The student performed a physical exam (not just a TPR) prior to administering any anesthetic pre-medications. Any abnormalities were brought to the attention of the veterinarian. **(CRITICAL)**
- The student calculated the dosages of preanesthetic agents as prescribed by the veterinarian, and had the doses checked by the mentor prior to administration.
- The student administered the approved pre-medications to the patient at least 15-30 minutes prior to induction of general anesthesia.

# 11. PRE-ANESTHETIC PREPARATION OF THE PATIENT FOR ANESTHESIA (FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for the Pre-anesthetic Preparation of the Patient for Anesthesia skill, signed by the Clinical Mentorship supervisor.
2. One video submission showing the student evaluating a feline patient as defined in the criteria. The student will also submit a copy of the anesthetic record for the patients being videoed. This record will include TPR, signalment, procedure and premedication agents with doses being administered. If laboratory tests were ordered, those results should accompany the anesthetic record.
3. Written calculation(s) of preanesthetic agents for this patient.
4. Facility standard operating procedure (SOP) for pre-medication agent(s) for this patient.
5. Facility standard operating procedure (SOP) for laboratory tests prior to anesthesia.

***NOTE**: If your practice does not have SOPs, you will have to create one. There are examples within Brightspace you can reference.*

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 12. INDUCTION BY INJECTABLE AGENT AND INTUBATION (FELINE)

**Goal:** To induce anesthesia in a patient using an injectable anesthetic agent to facilitate intubation, and to intubate a cat without injury to the trachea or other oral structures, ***using a laryngoscope***

**Description:** The student will use one of the approved induction agents to induce a state of general anesthesia facilitating intubation. The student will intubate a cat and verify correct placement of the endotracheal tube.

**Criteria:**

- The student checked the syringe to verify the amount drawn up in the syringe matched the calculations.
- The student removed any air in the syringe.
- The student flushed the patient's catheter to ensure its patency.
- The student checked the work area one last time to make sure all materials were ready.
- The student, with an assistant holding the patient, administered the induction agent according to practice standard protocol. **(CRITICAL)**
- The student attempted to open the patient's mouth to determine if more induction agent was needed to intubate.
- The student waited until the assistant opened the mouth and the dog did not resist opening of the mouth.
- The student chose an appropriate endotracheal tube, and used the tube or the laryngoscope to push the tongue out to the side of the mouth so the assistant could grasp it with a gauze sponge and extend the tongue over the lower canine teeth. The assistant or student did not place their hands in the dog's mouth at any time.
- The student visualized the opening of the trachea and placed the endotracheal tube in the trachea. **(CRITICAL)**
- The student palpated the neck to verify that only one tubular structure existed and the endotracheal tube was properly placed in the trachea.
- The student palpated at the thoracic inlet, moving the tube gently in and out, to verify that the tip of the endotracheal tube was not beyond the bifurcation.
- The student attached the breathing tubes and turned on oxygen, and secured the endotracheal tube with a tie-in.
- The student ventilated the patient to 20cm H2O, listening for a leak around the cuff. If needed, the student inflated the cuff until no leak was heard when inflating the lungs to a pressure of 20cm $H_2O$. A small leak should be heard when inflating the lungs past 20cm $H_2O$. **(CRITICAL)**
- The student turned on the anesthetic vaporizer.

# 12. INDUCTION BY INJECTABLE AGENT AND INTUBATION (FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for Induction by Injectable Agent and Intubation (Feline) skill, signed by the Clinical Mentorship supervisor.
2. One video submission showing the student inducing anesthesia with an injectable agent, and intubating a cat, clearly demonstrating all the listed criteria.
3. The student will provide a narrative of the steps performed, including the induction agent and how it is being administered (speed, volume) as well as each step of intubation and checking placement.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 13. MAINTENANCE AND MONITORING OF GENERAL ANESTHESIA (FELINE)

**Goal:** The student will maintain a state of general anesthesia while monitoring the patient's vital signs, reflexes and overall depth of anesthesia ***for a period of at least 30 minutes***. The student will keep parameters within normal limits for the particular breed/species and minimize patient discomfort during the procedure.

**Description:** Following induction and intubation, the student will monitor anesthetic gas concentration and oxygen flow rate, patient vital signs and reflexes, and maintain those values within normal limits. The anesthetic episode should last at least 30 minutes.

**Criteria:**

- The student set the oxygen flow rate according to the patient's weight and requirement based on the breathing system.
- The student adjusted the vaporizer setting based on the patient's response to the induction agent.
- The student verified that the patient was breathing and recorded a heart rate before proceeding further to ensure the patient was stable following induction and intubation.
- The student placed an esophageal stethoscope into the esophagus and secured it to the endotracheal tube (not mouth) in order to facilitate quick removal if an emergency arose. **(CRITICAL)**
- The student attached the ECG, pulse oximeter, blood pressure monitor, and capnometer according to the practice standard operating procedure. **(CRITICAL)**
- The student attached intravenous fluids to the catheter and set the rate for surgical maintenance as ordered by the veterinarian.
- The student closed the pop off valve and manually squeezed the non-rebreathing bag every 1-2 minutes, regardless of the patient's respiratory rate, to 15-20 cm $H_20$. **(CRITICAL)**
- The student recorded values including heart rate, respiratory rate, SPO2, blood pressure, ETCO2, and anesthetic gas concentration on the anesthesia record every 5 minutes (every 15-30 minutes for temperature and IV fluids). **(CRITICAL)**
- The student brought abnormal readings to the attention of the veterinarian.
- The student checked the patient's reflexes (palpebral, pedal, jaw tone, eye position, depending on accessibility) to ensure the patient was neither to deep nor too light, and brought abnormal responses to the attention of the veterinarian. **(CRITICAL)**
- The student observed the patient's respiratory function by observing the rebreathing bag to count rate and observing chest excursions to ensure adequate depth of each breath.
- The student maintained the anesthetic gas concentration at the lowest level possible to achieve general anesthesia.
- The student decreased the anesthetic concentration near the end of the procedure.
- The student narrated throughout the procedure, explaining what they were doing and why, as well as patient parameter changes and adjustments to anesthesia. **(CRITICAL)**

# 13. MAINTENANCE AND MONITORING OF GENERAL ANESTHESIA (FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: Yes

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

5. Task Verification Form for the Maintenance and Monitoring of General Anesthesia skill, signed by the Clinical Mentorship supervisor.
6. One video of maintenance and monitoring of a cat. The video must show a ***minimum of 15 minutes and maximum of 40 minutes of uninterrupted video of what the student is doing (not the procedure).*** Please be advised that any video not meeting this time requirement will be subject to point penalties and videos exceeding 40 minutes will not be evaluated beyond the 40-minute mark.
7. The student will provide a narrative of the steps performed, including anesthesia machine settings and changes during the procedure. Monitoring parameters will be addressed verbally (heart rate, respiratory rate, SPO2, blood pressure, ETCO2), whether they are in normal range, and adjustments in response to these values.
8. Facility standard operating procedure (SOP) for monitoring anesthetized patients.

***NOTE***: If your practice does not have an SOP, you will have to create one. There are examples within Brightspace you can reference.*

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 14. RECOVERY FROM GENERAL ANESTHESIA (FELINE)

**Goal:** The student will monitor the recovery of a patient from general anesthesia.

**Description:** The student will monitor the recovery of a patient from general anesthesia following an anesthetic episode that lasts ***at least 30 minutes***. The patient will be closely monitored until extubation and will be periodically monitored until it is able to sit or stand unsupported.

**Criteria:**

- The student turned off the inhalant anesthetic gas and administered oxygen for a period of 2-5 minutes to scavenge waste gases prior to disconnecting the breathing circuit.
- The student inspected the oral cavity to insure it was free of secretions and/or objects that could impede respiration.
- The student maintained the patient's head in a normal position.
- The student deflated the endotracheal tube cuff and untied it from the patient to facilitate quick removal.
- The student removed the esophageal stethoscope and other monitoring devices prior to the patient awakening from general anesthesia.
- The student removed the endotracheal tube when the patient began to swallow (2-3 times) without stimulation. **(CRITICAL)**
- The student observed the patient following extubation for signs of respiratory distress and/or cyanosis, and informed the veterinarian if abnormalities were noted. If abnormalities were noted, the student administered oxygen while awaiting the arrival of the veterinarian.
- The student recorded heart rate, respiratory rate and temperature following extubation. Values were recorded ***every 5 minutes for the first 15 minutes following extubation***. Abnormalities were brought to the attention of the veterinarian. **(CRITICAL)**
- The student used available means to elevate body temperature to normal. The student recorded the patient's temperature every 30 minutes to ensure the patient did not become overheated. Heating methods were discontinued once the patient's temperature reached 100 degrees Fahrenheit.
- The student placed the patient (if recumbent) in the opposite recumbency as it was during the procedure to assist in ventilating the previously "down" lung field.
- If indicated, IV fluids were continued and the rate and catheter site monitored.
- The patient was assessed and/or monitored for signs of pain using a validated veterinary pain scoring system. **(CRITICAL)**
- Analgesics administered as needed on the orders of a DVM and recorded in the patient record. The patient was monitored closely following administration of analgesic agents.
- The student recorded recovery parameters and notes at the bottom of the anesthetic record to become a part of the patient's permanent record.

# 14. RECOVERY FROM GENERAL ANESTHESIA (FELINE) (CONTINUED)

**Live Narration Required**: Yes

**Continuous (unedited) Video Required**: No

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for Recovery from General Anesthesia skill, signed by the Clinical Mentorship supervisor.
2. One video of recovery of a feline case. The student will provide a narrative of steps performed and will verbally state what is seen, heard and felt as they continue to monitor the patient. From turning off anesthetic gas to extubation should be included, as well as 2-3 additional checks of the patient. The video may be stopped between checks after the patient is extubated.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 15. ANESTHETIC RECORD (FELINE)

**Goal:** The student will record various parameters during general anesthesia on an anesthetic record. This is a legal document that will be a permanent part of the patient's record.

**Description:** The student will record various parameters outlined in the criteria during general anesthesia. This record will be part of the patient's permanent record.

**Criteria:**

- The anesthetic record included the following information:
    - Patient name
    - Date
    - Signalment
    - Weight
    - Procedure
    - Special precautions or patient conditions pertinent to anesthesia
    - TPR prior to premedication (taken same day as procedure), preferably at rest
    - Preanesthetic, induction agent and any other agents administered in the pre- or peri anesthetic period, including the dose given, and the time
    - Heart rate, respiratory rate, and anesthetic gas concentration recorded every 5 minutes on the anesthesia record
    - SPO2, blood pressure, and ETCO2 recorded every 5 minutes on the anesthesia record
    - Temperature recorded every 15-30 minutes
    - IV fluid volume every 15-30 minutes plus total at end of procedure
    - Notes pertaining to major anesthetic or surgical events
    - Post-operative pain medication (if given) agent and amount
    - Time of beginning and end of anesthesia, the procedure, and extubation.
    - TPR – post extubation and every 5 minutes for 15 minutes or until normal
    - Synopsis of patient recovery and overall anesthetic episode – notes at bottom of record
- Black or blue ink was used, and the record was legible and able to be interpreted.

# 15. ANESTHETIEC RECORD (FELINE) (CONTINUED)

**Number of Times Task Needs to be Successfully Performed:** 1

**Materials Submitted for Evaluation and Verification:**

1. Task Verification Form for the Anesthesia Record skill, signed by the Clinical Mentorship supervisor.
2. Submit the written anesthesia record for the cat used in videos.

**Student Name**: _____

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

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

**Signature of Clinical Mentorship Supervisor**: _____

# 16. COMPLETION OF ONE NON-ROUTINE CASE FROM INDUCTION TO RECOVERY

The student will anesthetize a patient for a non-routine anesthetic episode that will span at least 30 minutes. The goal of this task is for the student to gain experience in anesthetizing a patient that is higher risk and would be more challenging to anesthetize. Contact the mentorship instructor if you have any questions on the appropriateness of a certain case.

Examples would be:

- Geriatric canine or feline patient
- Pediatric canine or feline patient
- Brachycephalic canine or feline patient
- Obese canine or feline patient
- Canine or feline patient with underlying heart disease
- Canine or feline patient with underlying liver disease
- Canine or feline patient with underlying kidney disease

The student must provide the following information, written in their own words:

- Signalment
- History and Physical exam findings
- Results of any additional testing done prior to anesthesia (hematology, etc.) This may be photocopied and attached
- Procedure to be performed and why patient is receiving this procedure. The student will also describe what aspects of the procedure may be particularly risky to the patient, and how the student will respond.
- Anesthetic plan (including drugs, monitoring and positioning) **(CRITICAL)**
- ***You must be able to provide the clinical reasoning (rationale) for each drug chosen and why it was chosen for this specific patient.***
- ***You must provide any monitoring concerns you have for this patient and why.***
- Synopsis of procedure (describe induction, maintenance and recovery) **(CRITICAL)**
- A copy of the anesthetic record **(CRITICAL)**
- ***Self-assessment of student performance, including aspects that went well/as planned, as well as aspects that need improvement or that the student would do differently, given another opportunity.***