

Maryland Technician Skill Assessment

Applicants Name: _____

Supervising Veterinarian: please initial each section I through XII that the above technician is proficient in. Draw a line through any sub-heading that they are not proficient in.

I. COMMUNICATION WITH CLIENTS / MEDICAL RECORDS _____

The candidate is able to establish an effective line of communication with the client to obtain pertinent information concerning the patient. The candidate has the ability to instruct clients concerning the homecare required in order to promote and maintain the health of the patient and safety of the client.

- A. Acquire patient history
- B. Provide client information regarding preventive measures and routine care including:
 - 1. Parasite control
 - 2. Vaccination protocols
 - 3. Administration of medication
 - 4. Care of the bandages and orthopedic devices
 - 5. Post-surgical care
 - 6. Dental prophylaxis
- C. Maintain patient records in accordance with minimum standards

II. PATIENT EXAMINATIONS _____

The candidate has knowledge of the basic parameters of animal health and can recognize the variations from normal.

- A. Determine and know normal values of TPR
- B. Auscultate heart and lungs using a stethoscope

III. EMERGENCY PROCEDURES _____

The candidate can recognize emergency situations and has a basic understanding of emergency treatment protocols.

- A. Ability to recognize and triage emergencies
- B. Assist in cardiopulmonary resuscitation
- C. Place intravenous catheter
- D. Apply temporary bandage
- E. Institute hemostasis

IV. LABORATORY PROCEDURES _____

The candidate can collect and prepare specimens and samples for diagnostic evaluation, can perform basic diagnostic tests, and can maintain laboratory equipment.

- A. Collect, prepare label and submit specimens for diagnostic evaluations including:
 - 1. hematology
 - 2. cytology
 - 3. urinalysis
 - 4. microbiology
 - 5. blood chemistry

Note: If the following lab tests under item 4(B) are not performed in the clinic, the veterinarian must still be able to verify that candidate has demonstrated his/her ability to perform these tests.

- B. Perform the following tests:
 - 1. Complete blood count including:
 - a. PCV
 - b. Total protein
 - c. Total white blood cell count
 - d. Total differential white blood cell count
 - e. Red blood cell morphology
 - f. Platelet estimate
 - 2. Fecal evaluation for endoparasites
 - 3. Urinalysis including:
 - a. Specific Gravity
 - b. Chemistries (dipstick)
 - c. Evaluation of sediment
 - 4. Standard tests for heartworm
 - 5. Identify ectoparasites

V. DIAGNOSTIC IMAGING _____

The candidate can produce diagnostic radiographs and other electronic images with acceptable safety protocols, patient positioning, exposure techniques and specialized procedures.

- A. Produce diagnostic radiographs and other electronic images
- B. Understand and implement acceptable safety protocols

VI. SURGICAL ASSISTING _____

The candidate can prepare and maintain the surgical environment in order to ensure asepsis for both the patient and personal safety. The candidate can assist in and has knowledge of specific job tasks related to surgical procedures.

- A. Implement knowledge of aseptic technique in preparation of instruments, patient and self (when acting as surgical assistant)
- B. Has assisted in and understands principles of application of splints and casts
- C. Has assisted in and has knowledge of techniques and patterns relevant to suturing of skin wounds

VII. ANESTHESIA _____

The candidate can monitor and maintain anesthesia for the patient to facilitate pain free diagnostic, treatment and surgical procedures.

- A. Has assisted in and has the knowledge of procedures and risks associated with intravenous and inhalational induction of general anesthesia
- B. Understands how to safely administer a general anesthetic intravenously and intramuscularly
- C. Maintain and monitor a patient under general anesthetic with knowledge and awareness of physiological changes
- D. Perform endotracheal intubation
- E. Understands principles of safety for both patient and personnel

VIII. ANIMAL NURSING _____

The candidate can perform basic nursing skills as required for the health and safety of the patient.

- A. Restrain patients with understanding of safety for patient, client and personnel
- B. Administer oral and parenteral medications
- C. Apply and maintain bandages
- D. Provides for basic physical and psychological needs of the patient

IX. NUTRITION _____

The candidate has knowledge of basic nutritional requirements of the animal patient.

- A. Assist in counseling clients regarding animal nutrition
- B. Feed patients according to nutritional requirements

X. DENTISTRY _____

The candidate is able to establish an effective line of communication with the client to obtain pertinent information concerning the patient. The candidate has the ability to instruct clients concerning the homecare required in order to promote and maintain the health of the patient and safety of the client.

- A. Has basic knowledge for the assessment of dental health
- B. Perform supragingival and subgingival scaling and polishing
- C. Has assisted in and has knowledge of techniques for dental extraction
- D. Has understanding of accurate dental charting

XI. ANIMAL BEHAVIOR _____

The candidate has knowledge of the normal behavior of the animal patients and can recognize abnormal behavior in order to provide for the safety and well being of the patient and personnel and to foster the human-animal bond between client and patient.

- A. Has knowledge, skills and ability to recognize normal vs. abnormal behavior and respond appropriately

XII. PHARMACY AND PHARMACOLOGY _____

The candidate can handle pharmacological and biological agents in such a way as to ensure the safety of the patient, client and personnel, and efficacy of the product.

- A. Prepare and dispense medication
- B. Calculate dosages
- C. Recognize drug classification
- D. Recognize adverse reactions
- E. Knowledge of regulation regarding the safe handling of biohazardous materials

Signature of Supervising Veterinarian: _____

Print Name: _____

License: _____ Date: _____

Instructions:

Evaluation must be filled out by a licensed veterinarian who has worked with and has extensive knowledge of the applicant's abilities. Applicants are expected to perform all duties listed. The applicant should provide the reviewing veterinarian with an addressed, stamped envelope and should not be returned to the applicant. The veterinarian should sign across the back of the seal before mailing.

*Maryland State Board of
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