

SKILL LISTS ONCOLOGY CANDIDATES

All qualified candidates will have demonstrated basic veterinary technician skills such as but not limited to:

- a. Proper animal restraint
- b. Peripheral catheter placement
- c. Venipuncture
- d. Basic bandage application
- e. Administration of oral and parenteral medications
- f. Calculation of IV fluid drip rates
- g. Calculation of basic drug administration
- h. Knowledge of various routes of drug administration,
- i. Aseptic surgical area preparation
- j. Surgical supply sterilization preparation
- k. Recording vital signs (Temp, Pulse, Resp, and Pain Asses.)
- l. Perform basic laboratory tests (PCV, TP, UA, cytology staining)
- m. Maintain proper medical records and computer skills
- n. Surgical scrubbing and gowning

These skills do not need to be verified individually and are only examples of the base skills expected of all candidates.

AIMVT Oncology candidates must demonstrate mastery of **80%** of the following skills for the application packet. Therefore **28** skills must be verified.

Mastery is defined as “consistently being able to perform with great skill and/or knowledge without being coached or directed”.

Each skill should be verified and signed by the DVM or VTS who is the most qualified to verify the skill. In order of preference - Diplomate or VTS in ANY specialty of ACVIM or AIMVT, Diplomate or VTS in Anesthesia or Emergency & Critical Care, or a Diplomate in Practice or Surgery. If none of these Diplomates or VTS is available the Academy will accept verification by a licensed DVM with a letter from them stating that no Diplomate or VTS is easily available for the candidate to utilize.

***ALL SKILLS ARE TO BE PERFORMED UNDER THE DIRECTION OF A LICENSED VETERINARIAN. TECHNICIANS MAY BE THE PRIMARY PERFORMERS OF THESE TASKS OR THEY MAY BE ASSISTING THE VETERINARIAN WITH THE PERFORMANCE OF THESE TASKS.**

- 1._____ Perform pre anesthesia examinations to determine safety and risk for oncology cases.
- 2._____ Develop proposed balanced anesthetic plans for oncology cases, including potential complications and contingency options.
- 3._____ Implement prescribed anesthetic plans for oncology cases, from pre anesthesia until recovery, monitoring throughout.
- 4._____ Perform patient pain assessments and develop proposed analgesic plans for oncology cases using multi-modal pain management techniques.
- 5._____ Implement prescribed analgesic plans for oncology cases, at least 1 case each using local, systemic and regional pain management techniques.
- 6._____ Properly collect, handle, store and submit samples of excretions, secretions, effusions for laboratory evaluations.
- 7._____ Properly collect or assist in the collection, handle, store and submit cytology samples for laboratory evaluations (i.e. lymph node aspiration, mass aspiration).
- 8._____ Properly set up and assist with collection, handling and storing of abdominal or thoracic needle biopsy samples for cytology and core biopsy samples for histopathology.
- 9._____ Properly perform or set up and assist with collection, handling, storing and submission of bone marrow and/or bone core samples for laboratory evaluation.
- 10._____ Properly set up and assist with collection, handling, storing and submission of bone biopsy samples for laboratory evaluation.
- 11._____ Properly set up and assist with collection, handling, storing and submission of peripheral punch or wedge biopsy samples for laboratory evaluation, including margin marking and formalin preparation.
- 12._____ Properly set up and assist with collection, handling, storing and submission of blind biopsy samples such as nasal or colon blind biopsies.
- 13._____ Properly set up and assist with collection, handling, storing and submission of samples from a bladder or prostate wash.
- 14._____ Demonstrate the ability to set up and assist with or perform diagnostic paracentesis (thoracocentesis, abdominocentesis or diagnostic peritoneal lavage).
- 15._____ Properly, aseptically and safely collect urine samples via cystocentesis for laboratory evaluation.

- 16._____ Demonstrate the ability to perform microscopy for basic cytology and correctly identify basic cell differential (i.e. mast cell, lymphoma, spindle cell) and cytological indications for malignancy.
- 17._____ Demonstrate the ability to palpate and measure peripheral lymph nodes, epidermal, dermal and subcutaneous masses.
- 18._____ Correctly calculate and prepare a prescribed constant rate infusion and administer the prescription.
- 19._____ Perform and evaluate body condition scores for oncology cases.
- 20._____ Properly and safely administer total and/or partial parenteral nutrition, including proper aseptic catheter placement.
- 21._____ Place or assist in placement and demonstrate proper use and maintenance of any of the following types of enteral feeding tubes: Nasogastric, nasoesophageal, orogastric, esophageal tube, esophagostomy, jejunostomy, gastrotomy or PEG tube.
- 22._____ Demonstrate staging protocols and procedures for typical oncology cases.
- 23._____ Assist in placement techniques and demonstrate proper maintenance and use of venous access ports.
- 24._____ Administer oral chemotherapeutics utilizing special handling techniques indicated. Demonstrating administration requirements, considerations (anaphylaxis, toxicity) and dosage ranges. Provide client education on proper home administration techniques, side effects and the handling of animal waste products while on chemotherapy.
- 25._____ Properly and safely mix chemotherapeutics utilizing a class 2 laminar flow biological safety cabinet/hood or other safety devices.
- 26._____ Administer IV chemotherapeutics utilizing special handling techniques and safety equipment indicated. Demonstrating administration requirements, considerations (anaphylaxis, vesicants) and dosage ranges.
- 27._____ Provide client education on drug side effects, common toxicity, $\frac{1}{2}$ life, nadir and the handling of animal waste products while on chemotherapy.
- 28._____ Properly handle and dispose of chemotherapy waste materials and patient waste.
- 29._____ Demonstrate how to properly handle a chemotherapy spill.

30._____ Demonstrate techniques for handling chemotherapy extravasations including use of “antidotes” where applicable.

31._____ Provide client education on the common treatment approaches for the basic cancer types; approximate mean survival times with and without treatment and typical metastases sites.

32._____ Implement a prescribed cyclic chemotherapy protocol, properly administering the appropriate medications at the appropriate time, and providing the appropriate monitoring of the patient’s physiological state.

33._____ Correctly calculate the size of oncology patients using pounds, kilograms and M².

34._____ Perform thorough physical examinations on two different species seen in your practice setting.

35._____ Demonstrate proper patient record-keeping using accepted medical terminology.

Please print – Full name and title(s) of person(s) completing this form, sign your initials

Additional names, titles, initials

Additional names, titles, initials