



SKILLS LIST 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. Computer skills
- n. Surgical scrubbing and gowning

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

AIMVT Oncology candidates must demonstrate mastery of **80%** of the following skills for the application packet. Therefore at least 29 of the skills, as numbered, must be verified as “mastered” via signature/initials of a veterinarian or VTS. "Mastery" is defined as the ability to perform the skill with a high degree of success in different species and patients, with different disease conditions, and with minimal to no coaching or supervision.

Each skill must be verified and signed by the DVM or VTS who is the most qualified to verify mastery of 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 Clinical Practice, Surgery, or Radiation Oncology. 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 in small animal species unless otherwise indicated. Candidates may go “outside” their own practice to locate the images or equipment necessary to complete the skills list. Supply or “pull lists” are submitted with the candidate application package.

***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.**



APPLICANT NAME:			
Skill #	Task	Initials	Case Log #
1.	Perform pre-anesthesia examinations to determine safety and risks for oncology cases.		
2.	Develop proposed balanced anesthetic plans for oncology cases, from pre-anesthesia until recovery, monitoring throughout.		
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, and/or 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, etc.)		
8.	Properly set up for and assist with collection, handling, storing, and submission 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.		



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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 differentials (i.e. mast cell, lymphoma, spindle cell) and cytological indications for malignancy.		
17.	Demonstrate the ability to palpate and measure peripheral lymph nodes, and masses (epidermal, dermal, and subcutaneous).		
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.	Administer IV bisphosphonate, demonstrating proper aseptic catheter placement, protocol, and considerations (side effects, tumor type, etc.)		
21.	Assist with intracavitary chemotherapy administration utilizing proper handling techniques and safety equipment indicated. Demonstrate administration technique, considerations (side effects, safety concerns, etc.), and dose ranges.		
22.	Demonstrate staging protocols and procedures for typical oncology cases.		
23.	Demonstrate ability to set up and assist with specialized oncologic procedures (electrochemotherapy, photodynamic therapy, cryotherapy, etc.).		



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24.	Administer oral chemotherapeutics utilizing special handling techniques indicated. Demonstrate administration requirements, considerations (anaphylaxis, toxicity), and dose 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. Demonstrate administration requirements, considerations (anaphylaxis, vesicants) and dose 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 the use of “antidotes” where applicable.		
31.	Provide client education on the common treatment approaches for the basic cancer types, including approximate mean survival times with and without treatment, and typical metastases sites.		
32.	Execute a prescribed chemotherapy or immunotherapy protocol, properly administering the appropriate medications at the appropriate time, and providing appropriate monitoring of the patient’s physiological state.		
33.	Correctly calculate the size of oncology patients using pounds, kilograms, and m^2 .		



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34.	Perform thorough physical examinations on two different species seen in your practice setting.		
35.	Demonstrate proper patient record-keeping using accepted medical terminology.		
36.	Demonstrate the ability to utilize a non-invasive blood pressure device (Doppler or oscillometric).		

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

Additional names, titles, initials

Additional names, titles, initials