



2025 Oncology Fundamental Advanced Skills Reference List

This is **NOT** the list you will submit with your application. Use this only as a reference.

The submission form can be found here: [2025 Oncology Fundamental Advanced Skills](#)

1. Correctly calculate the size of oncology patients using pounds, kilograms, and body surface area (square meters [m ²]).	2. Perform and evaluate body condition scores (BCS) for oncology patients.
3. Set up for, position patients, and assist with or perform advanced imaging procedures (e.g., computed tomography, magnetic resonance imaging, fluoroscopy, contrast studies).	4. Perform at least two (2) different in-house clotting tests (e.g., buccal mucosal bleeding time, activated clotting time, prothrombin time, activated partial thromboplastin time, platelet evaluation).
5. Instrument patients for non-anesthetic related electrocardiographic (ECG) monitoring and identify normal and abnormal ECG tracings. Telemetry may be used for this skill.	6. Collect and/or submit samples for Polymerase Chain Reaction for Antigen Receptor Rearrangements (PARR) testing.
7. Collect and/or submit samples for CADET® BRAF testing.	8. Collect and/or submit samples for MDR1 gene testing.
9. Collect and/or submit samples for any other specialized oncology testing (e.g., KIT mutation).	10. Set up for, position patient, and assist with or perform a bladder/prostate wash and submit samples.
11. Set up for, position patient, and assist with or perform imaging-guided biopsies and submit samples.	12. Set up for, position patient, and assist with or perform blind biopsies (i.e., nasal, colon) and submit samples.
13. Set up for and assist with or perform paracentesis: <ul style="list-style-type: none"> • Thoracentesis; and/or • Abdominocentesis; and/or • Diagnostic peritoneal lavage. 	14. Set up for and assist with or perform intracavitary chemotherapy administration.
15. Set up for and assist with or administer prescribed radiation therapy, including the use of immobilization devices.	16. Set up for and assist with or perform specialized oncology procedures including, but not limited to: <ul style="list-style-type: none"> • Electrochemotherapy • Photodynamic therapy • Cryotherapy • Clinical trials
17. Execute a prescribed chemotherapy or immunotherapy protocol (excluding CHOP), properly administering the appropriate medications at the appropriate time, and providing appropriate monitoring.	18. Administer IV bisphosphonates.
19. Perform body mapping of multiple tumors, including measurements, documentation, and aspiration.	20. Perform or assist with nutritional management of oncology patients including: <ul style="list-style-type: none"> • RER / DER calculations • Calculating feeding amounts of prescribed or recommended diets • Assisting owners with resources for balanced home-cooked diets • Explaining specific dietary considerations for oncology patients
21. Provide client education and counseling on common chemotherapy side effects including recommendations for at-home treatments and guidance on when to seek veterinary care.	22. Recognize and manage side effects and toxicities during chemotherapy administration (i.e., anaphylaxis during doxorubicin administration).