

## 2022 AIMVT Small Animal IM 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: [Small Animal IM Skills List](#)

1. Perform thorough physical examinations on both cats and dogs, including body condition scores. Case Logs citing this skill must include significant physical exam findings.	2. Perform patient pain assessments. Case Logs citing this skill must include the scoring system used, and the patient's score, including pertinent information as to how the score was determined.
3. Propose and develop balanced analgesic plans for internal medicine cases using multi-modal pain management techniques. Case Logs citing this skill must list all medications used, including the classes of those drugs.	4. Implement prescribed analgesic plans for internal medicine cases. Applicants must cross-reference at least one case each using local, systemic, and regional pain management techniques.
5. Correctly calculate and prepare a prescribed constant rate infusion and administer the prescription. Case Logs citing this skill must include calculations performed.	6. Perform pre-anesthesia examinations and log findings. Determine and note safety and risk for internal medicine cases. Case Logs citing this skill must include a brief discussion of the specific risks to the specific patient and the specific procedure.
7. Propose and develop balanced anesthetic plans for internal medicine cases. Case Logs citing this skill must include a brief discussion of the reasoning behind the medications chosen, potential complications, and contingency options.	8. Implement prescribed anesthetic plans for internal medicine cases, from pre anesthesia until recovery, monitoring throughout. Case Logs citing this skill must include all medications and monitoring equipment used.
9. Microscopy for basic cytology. Case Logs citing this skill must list the technique used for cytology preparation as well as significant findings, including cytological indications for malignancy, if applicable.	10. Properly collect and/or handle and store cytology samples for laboratory evaluation. Case Logs that cite this skill must include information on the specific procedure the applicant performed/assisted with, and the manner of sample preparation (i.e., slide preparation, tubes used, handling, other submission information).
11. Properly collect, handle and store samples of an excretion, secretion and effusion for laboratory evaluation. Case Logs that cite this skill must include information on the specific procedure the applicant performed/assisted with, and the manner of sample preparation (i.e., slide preparation, tubes used, handling, other submission information).	12. Properly set up and assist with arthroscopy and/or arthrocentesis. Case Logs citing arthrocentesis must include the manner of sample preparation (i.e. slide preparation, tubes used, handling, submission information).
13. Properly perform, or set up and assist with collection, handling and storing of bone marrow samples for laboratory evaluation. Case Logs citing this skill must include the manner of sample preparation (i.e. slide preparation, tubes used, handling, submission information).	14. Perform endocrine tests (including but not limited to adrenocorticotrophic hormone stimulation test, high-dose dexamethasone suppression test, low-dose dexamethasone suppression test, parathyroid hormone testing), including appropriate fasting protocols, proper dosing and correct timing of medications when obtaining samples, as well as proper handling of samples.
15. Perform a blood glucose curve and document findings. Case Logs citing this skill must include information on protocol and sampling method.	16. Demonstrate proper sample collection and handling for GI function tests including but not limited to pancreatic lipase immunoreactivity, trypsin-like immunoreactivity, cobalamin, folate, and fecal protein assays. Case Logs citing this skill must include the manner of sample preparation (i.e. slide preparation, tubes used, handling, submission information).
17. Properly set up and assist with or perform diagnostic and/or therapeutic peritoneal lavage. Case logs citing this skill must list equipment used.	18. Properly set up, position patient, and assist with or perform advanced imaging procedures (i.e., computed tomography, magnetic resonance imaging, fluoroscopy, and/or contrast studies in radiology). Case Logs citing this skill must include calculations performed for prescribed contrast agents.
19. Properly prepare patients, assist with or perform ultrasonography.	20. Properly prepare patients, set up and assist with gastrointestinal endoscopy procedures, including monitoring specific to the patient and procedure, both during and after the procedure.

21. Properly set up, assist with or perform endoscopic-guided biopsies of the gastrointestinal tract, and/or rigid-scope assisted biopsies of the nasal cavity or urinary tract of both dogs and cats.	22. Properly prepare patients, set up and, assist with nasal diagnostic procedures such as rhinoscopy, nasal biopsy, or nasal flushing, including monitoring specific to the patient and procedure both during and after the procedure.
23. Properly prepare patients, set up and assist with laryngoscopy, including monitoring specific to the patient and procedure both during and after the procedure.	24. Properly prepare patients, set up and assist with transtracheal, endotracheal, bronchoscopy, or bronchoalveolar lavage procedures, including monitoring specific to the patient and procedure both during and after the procedure.
25. Prepare patients, set up, and assist with stents (i.e. tracheal, ureteral), including monitoring specific to the patient and procedure both during and after the procedure.	26. Properly and safely set up and assist with and/or perform therapeutic paracentesis (i.e., thoracocentesis, abdominocentesis).
27. Properly and safely collect urine samples via cystocentesis for laboratory evaluation.	28. Properly prepare patients, set up and assist with cystoscopy, ureteral flow, urohydropropulsion and/or other urinary/renal procedures, including monitoring specific to the patient and procedure both during and after the procedure.
29. Properly and safely place and maintain canine and/or feline male urinary catheters. Case Logs that cite this skill must include a list of urinary catheter maintenance steps.	30. Properly and safely place and maintain canine and/or feline female urinary catheters. Case Logs that cite this skill must include a list of urinary catheter maintenance steps.
31. Correctly calculate urine output. Case Logs citing this skill must include calculations performed.	32. Correctly calculate fluid ins and outs for internal medicine cases. Case Logs citing this skill must include calculations performed.
33. Correctly calculate the enteral nutritional requirements for internal medicine cases and implement the nutritional plan. The Case Logs citing this skill must include formulas used and calculations performed.	34. Place or assist in placement of at least two of the following types of enteral feeding tubes: nasogastric, nasoesophageal, orogastric, esophagostomy, jejunostomy, gastrostomy or percutaneous endoscopic gastrostomy tube. Case Logs citing this skill must include monitoring specific to the patient and procedure both during and after the procedure.
35. Proper and safe use and maintenance of at least two of the following types of enteral feeding tubes: nasogastric, nasoesophageal, orogastric, esophagostomy, jejunostomy, gastrostomy or percutaneous endoscopic gastrostomy.	36. Properly and safely administer total and/or partial parenteral nutrition. Case Logs citing this skill must include calculations performed and the monitoring plan during this type of feeding.
37. Properly set up and perform gastric intubation.	38. Perform at least two different in-house clotting tests, (i.e., buccal mucosal bleeding time, activated clotting time, prothrombin, activated partial thromboplastin time, platelet evaluation).
39. Accurately perform blood typing of both dogs and cats.	40. Accurately perform in-house major and/or minor blood cross matching. Case Logs citing this skill must identify which cross-match was performed and the method utilized.
41. Properly and safely administer blood products including proper monitoring throughout the transfusion. Case Logs citing this skill must include information regarding calculation of rate of administration, and monitoring parameters used.	42. Properly collect and handle arterial blood samples for laboratory evaluation.
43. Properly and aseptically obtain multiple blood culture samples from a single patient.	44. Properly and safely place and maintain central intravenous catheters.
45. Properly and safely place and maintain over-the-needle or through-the-needle long intravenous catheters used for blood sampling.	46. Properly and safely place and maintain arterial catheters.
47. Properly and safely place intraosseous catheters.	48. Properly instrument patients for electrocardiographic (ECG) monitoring and identify normal and abnormal ECG tracings. Case Logs citing this skill must include positioning of patient and if a 4, 6, or 12 lead ECG, or telemetry was used.
49. Obtain accurate and consistent indirect arterial blood pressure measurements, using both oscillometric and Doppler techniques. Case Logs citing this skill must document cuff size, placement, and which method was used.	50. Accurately evaluate a patient's ventilation and oxygenation by utilizing at least two of the following: pulse oximetry, capnography, and/or arterial blood gas results. Case Logs citing this skill must provide the specific techniques used.

51. Accurately evaluate a patient's acid/base status.	52. Properly and safely place intranasal oxygen cannulas. Case Logs citing this skill must include landmarks used to determine proper placement.
53. Demonstrate and perform proper technique for prescribed respiratory and inhalant therapies (i.e., nebulization, chest physiotherapy).	54. Properly and safely set up and assist with and/or perform chest tube placement, including monitoring specific to the patient both during and after the procedure.
55. Properly and safely manage intermittent and/or continuous chest tube suctioning systems. Case Logs citing this skill must include the specific suction system used.	56. Wound management techniques. Case Logs citing this skill must include wound location, pharmacological agents, and bandaging techniques used. NOTE: IV catheter insertion sites and surgical incisions are not included in this skill.
57. Properly and safely prepare patients, set up, and assist with or perform peritoneal dialysis and/or hemodialysis, including monitoring specific to the patient and the procedure both during and after the procedure.	58. Proper, safe, and appropriate use of massage therapy, cryotherapy, heat therapy, range of motion therapy, and other prescribed physical therapeutics. Case Logs citing this skill must include the specific therapy and the reason for its use.
59. Safe nursing care techniques for recumbent patients including but not limited to passive range of motion therapy, urinary bladder care, proper padding, and safe manipulation of position.	