

2021 AIMVT Equine 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: [Equine IM Skills List](#)

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| 1. Perform pre-anesthesia examinations to determine safety and risk for internal medicine cases. | 2. Perform patient pain assessment and implement prescribed analgesic plan including local, systemic, and regional pain management. Recognize insufficiencies in pain management and propose alternatives. |
| 3. Properly collect, handle, and store samples of an excretion, secretion, or effusion for laboratory evaluation. | 4. Properly collect and handle arterial blood samples for laboratory evaluation. |
| 5. Properly collect and/or handle and store cytology samples for laboratory evaluation. | 6. Properly set up and assist with arthrocentesis and handling of obtained samples. |
| 7. Properly perform a complete physical exam (PE) on multiple equine species. The PE includes: auscultation of the heart, lungs, and GI tract; palpation of pulses; and evaluation of pupil light reflex. | 8. Properly perform equine neonatal assessment and examination. |
| 9. Properly assess dentition of patients and its impact on the patient's health condition. | 10. Properly set-up and assist or perform a breeding soundness exam. |
| 11. Properly set-up and assist or perform in two of the following: contrast radiographs, magnetic resonance imaging, computed tomography, or myelography. | 12. Properly set-up and assist or perform diagnostic ultrasound. |
| 13. Properly perform blood typing and cross match/agglutination. | 14. Properly and aseptically obtain blood culture samples. |
| 15. Properly perform analysis, clearly explain testing rationale and troubleshooting process and equipment used for at least 7 of the following laboratory tests: a. osmolality b. colloid oncotic pressure c. fibrinogen d. complete blood count e. serum chemistry f. electrolytes g. dermatologic studies h. colostrum i. coagulation j. blood gas and acid/base | 16. Properly perform microscopy, clearly explain testing rationale, and troubleshooting process and equipment used for cytology, white count determination, or semen evaluation. |
| 17. Properly set up and assist with or perform semen collection, fresh cooled processing OR freezing and storage, transport, or shipment. | 18. Properly set-up and perform a base-apex electrocardiogram for multiple equine breeds. |
| 19. Properly set-up and perform central venous pressure measurements. | 20. Properly set-up and perform oxygen saturation measurements. |
| 21. Properly calculate and implement a nutritional plan for neonate and adult equine patients. | 22. Properly calculate, set-up, administer, maintain, and handle total parenteral and partial parenteral nutrition. |
| 23. Properly calculate, prepare, administer, and monitor a prescribed constant rate infusion. | 24. Properly maintain, calibrate, and troubleshoot monitoring equipment. |
| 25. Properly maintain, calibrate and troubleshoot administration equipment. | 26. Properly maintain, calibrate, and troubleshoot diagnostic equipment. |
| 27. Properly select, place - or assist in placement - and maintain a multi-lumen catheter. | 28. Properly select, place - or assist in placement - and maintain at least one of the following specialty catheters: intra-arterial, intra-osseous, intra-articular. |
| 29. Direct the implementation of isolation protocols specific to your practice, including specific protocols for neonatal and/or orthopedic units. | 30. Direct the implementation of reverse isolation protocols specific to your practice, including specific protocols for neonatal and/or orthopedic units. |
| 31. Properly set up, apply - or assist in the application of - prescribed splints and bandages. | 32. Properly set-up, assist, or administer intra-articular injections. |

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| 33. Properly set-up, assist, or administer intraosseous injections. | 34. Properly set-up, initiate, monitor, and maintain oxygen therapy in the neonatal equine patient. |
| 35. Properly set-up, initiate, monitor, and maintain oxygen therapy in the adult equine patient. | 36. Properly set-up, apply - or assist in the application of - slings. |
| 37. Properly set-up and assist with dystocia delivery. | 38. Properly set-up and assist or perform embryo transfer. |
| 39. Properly set-up and assist or perform artificial insemination. | 40. Properly assess and/or assist with emergent down or neurologic equine patients. |
| 41. Properly set-up, assist, maintain, and troubleshoot chest tubes/drains. | 42. Properly set-up, and maintain an open airway via intubation or nasal cannulation. |
| 43. Properly set-up, assist or perform, and maintain positive pressure ventilation. | 44. Properly restrain/handle neonatal equine patients. |
| 45. Properly intervene in the thermoregulation of neonatal equine patients. | 46. Properly and safely administer cardiopulmonary resuscitation in equine patients. |
| 47. Properly set-up and assist or perform abdominal lavage. | 48. Properly set-up and assist in THREE of the following biopsies: a. bone marrow b. kidney c. liver d. muscle e. rectal mucosal |
| 49. Properly prepare patient, set up and maintain equipment, and assist with or perform at least THREE of the following endoscopy procedures: a. GI endoscopy b. rhinoscopy c. bronchoscopy d. endoscopic tracheal wash e. cystoscopy f. bronchoalveolar lavage g. urethroscopy h. hysteroscopy | 50. Properly prepare the patient, set-up and assist with a cerebrospinal fluid tap (atlanto-occipital {AO} and/or lumbosacral). |
| 51. Properly prepare the patient, set-up and assist with a paracentesis (thoracocentesis, abdominocentesis or pericardiocentesis). | 52. Properly harvest and process various blood products and safely administer blood products and monitor patient throughout transfusion. |
| 53. Properly place and maintain a female urinary catheter. | 54. Properly place and maintain a male urinary catheter. |
| 55. Properly apply wound management techniques. | 56. Properly perform at least FIVE of the following prescribed physical therapy modalities: a. massage therapy b. therapeutic exercises c. range of motion d. hydrotherapy e. cryotherapy f. heat g. ultrasonic h. magnetic stimulation i. electrical stimulation |
| 57. Properly set up, assist, or perform at least two of the following: a. nasogastric tube placement in an adult equine patient b. nasogastric tube placement in a neonatal equine patient | 58. Properly set up, assist or perform transtracheal aspiration or bronchoalveolar lavage (non-ultrasound guided). |