

1. A 9 years old MN Golden retriever presented with progressive ataxia and tetraparesis over 4 weeks. Physical exam revealed paradoxical breathing. Neurological exam revealed non-ambulation, tetraplegia, absent response on postural reaction tests, normal spinal reflexes in all limbs, and normal mentation. Pain sensation was present but reduced in all limbs. No spinal pain was detected. Cranial nerve exam revealed bilateral ptosis, 3rd eyelid protrusion and miosis.
 - A. Where is the lesion localization? (1%)
 - B. List at least two of your top differential diagnosis and make your investigation plan accordingly. (2%)
 - C. Explain the breathing pattern in relation to your lesion localization. (1%)
 - D. Explain the results of cranial nerve examination in relation to your lesion localization. (1%)
2. Which of the following statements is FALSE in relation to β -adrenergic antagonist (β -blocker) of anti-glaucoma drugs? (5%) _____
 - A. May cause miosis in treated feline eyes;
 - B. Can be used for contralateral eyes of predisposed dogs as prevention;
 - C. Reduction of intraocular pressure (IOP) by increased outflow of aqueous humor;
 - D. Less effective in lowering intraocular pressure than carbonic anhydrase inhibitor (CAI), but can be synergistic with CAI.
3. Please describe the clinical signs and surgical treatments of temporomandibular joint ankylosis in cats.(5%)
4. What is load sharing? Please explain it's importance in planning of surgical repair for different kinds of fractures. (8%)
5. Please describe the indications, contraindications, surgical procedures and potential postoperative complications of choledochal tube stenting. (10%)
6. Please describe the surgical procedures of the closed-entry technique using a Veress needle to achieve capnoperitoneum. (5%)
7. 請述乳糜胸可能的原因，以及外科處理的選項。(4%)

8. 縫合皮膚時如果張力過大，請繪圖或以文字說明至少四種減少張力的方法。(4%)
9. 請說明腫瘤生檢採樣(biopsy)的方法及原則。(4%)
10. Please describe the etiologies, signs and treatments of small intestine inflammatory disease and large intestine inflammatory disease. (10%)
11. A 12 years old domestic short hair cat presented with the clinical signs of nervous, sometimes diarrhea and weight loss. General blood examination revealed mild elevated hepatic enzymes, which endocrine dysfunction was the most possible? What kind of tests would you do? And how to do? (10%)
12. Please make a list of the contributory factors about thromboembolism caused by glomerular disease (10%)
13. 急診病患處理原則及心肺腦復甦術的施行步驟暨注意事項。(10%)
14. 請詳述神經內分泌腫瘤 (neuroendocrine tumor) 的來源及相關副腫瘤症候群 (paraneoplastic syndromes)。(10%)

試題隨卷繳回