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Large Animal Medicine Crossword Puzzle

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Large Animal Medicine Crossword Puzzle
by Larry Moenning*

Across
1. common gastric parasite of horses (pleural)
4. dextrose solutions often used as therapy in this metabolic disease of dairy cows
8. this organ hypertrophies and dilates in high altitude disease
12. commonly used mastitis test (abbreviation)
13. one of the cardinal signs of inflammation
15. this cervical state should be present prior to the use of oxytocin
18. in Iowa, equine encephalomyelitis is seen most commonly in this season
19. this procedure performed on an animal gathers fluid which may be helpful in diagnosing CNS diseases in the bovine species
20. etiological agent of louping-ill belongs to this group of viruses
21. that portion of a neuron which does not contain Nissl bodies
24. of the meninges, this membrane is the innermost and closest to the brain
25. general term for dermatitis of one kind or another due to parasitic mites.
26. disease of cattle having six possible forms but most common of which is the respiratory form (abbreviation)
28. route of injection which could result in adhesions in the abdominal cavity (abbreviation)
29. most used and most reliable diagnostic test for rabies (abbreviation)
30. term used to refer to members of the genus Mycoplasma (abbreviation)
31. general term for arthritis or exostosis of the inter-tarsal or tarsometatarsal articulations in the equidae
35. the —— of the breath may be helpful in the diagnosis of inhalation pneumonia
37. common Streptococcus infection of young horses
39. a nutrient media for bacterial cultures
40. common CNS disease of horses seen along the Atlantic and Gulf coasts of the U.S. (abbreviation)

Down
1. genus name of the parasite causing Texas cattle fever
2. popular name for a disease in cattle in which hemorrhages and infarcts are seen in the brain
3. chemical symbol for an element which is required in small amounts by the body and has a close relationship to vitamin E in function.
5. a developmental stage of Coccidia following the trophozoite; this stage is most sensitive to drug therapy
6. commonly used route of injection of drugs (abbreviation)
7. medical term meaning narrowed or constricted
9. transient cessation of breathing
10. chemical symbol for radium
11. an abbreviation for three times a day
14. ingestion of this substance in various forms by ruminants results in methemoglobin formation and "chocolate" colored blood
16. that room of a clinic or hospital where various diagnostic tests and procedures are performed (abbreviation)
17. an alkaloid derived from morphine and commonly used as an emetic
20. artificial insemination (abbreviation)
22. chemical symbol for xenon
23. common name for a median incisor tooth of a horse
24. frequently occurs after prolonged straining
27. another name for foot-and-mouth disease
32. atrophy of these microscopic structures of the intestines is the primary lesion in transmissible gastroenteritis
33. louse eggs
34. an adult female horse
36. the rupturing of follicles at ovulation sets these free
38. chemical symbol for tellurium

Answers on Page 104

* Mr. Moenning is a junior in the College of Veterinary Medicine, Iowa State University, Ames.
2 to 12 months of age, often for no apparent reason, but a significant proportion occur following an attack of canine distemper. The third group are in old dogs, in which there is degeneration of the myenteric plexus in the esophagus, and dilatation follows.

In cases where dilatation is secondary to a persistent right aortic arch, or other vascular anomalies causing a ring around the esophagus, the mechanics of dilatation are somewhat different. The animal no longer vomits after surgery has been performed to remove the vascular annulus, but the esophagus rarely returns to normal. Barium studies performed several months after surgery show that the dilatation has only been reduced by 50% or so, but clinically the animal is normal.