**UDC: 619:616-009:636.9**

**DIAGNOSIS AND TREATMENT OF DOGS WITH IDIOPATHIC EPILEPSY**

**N. Tishkina, N. Suslova, V. Sapronova**

**References**

1. 1. Hrytsenko O.V., Paliukh T.A. Likuvannia epilepsii u sobak : materialy Mizhnarodnoi naukovoi konferentsii Yedyne zdorovia -2022, Kyiv, 22-24 veresnia 2022 r., NUBiP Ukrainy. S. 333-335Bollinger-Schmitz, Kim and Kline, Karen (2000) "An Oveview of Canine Idiopathic Epilepsy for Small Animal Practitioner," Iowa State University Veterinarian: Vol. 62: Iss. 1, Article 14.
2. Rusbridge, C. (2014). Canine idiopathic epilepsy. In Practice, 36, 17-23. <https://doi.org/10.1136/inp.g5126>
3. Kearsley-Fleet, L., O'Neill, D. G., Volk, H. A., Church, D. B., & Brodbelt, D. C. (2013). Prevalence and risk factors for canine epilepsy of unknown origin in the UK. The Veterinary record, 172 (13), 338. https://doi.org/10.1136/vr.101133
4. Falco, M. J., Barker, J., & Wallace, M. E. (1974). The genetics of epilepsy in the British Alsatian. Journal of Small Animal Practice, 15 (11), 685-692.
5. Heske, L., Nødtvedt, A., Jäderlund, K. H., Berendt, M., & Egenvall, A. (2014). A cohort study of epilepsy among 665,000 insured dogs: incidence, mortality and survival after diagnosis. Veterinary journal (London, England : 1997), 202 (3), 471–476. <https://doi.org/10.1016/j.tvjl.2014.09.023>
6. Berendt, M., Gulløv, C. H., & Fredholm, M. (2009). Focal epilepsy in the Belgian shepherd: evidence for simple Mendelian inheritance. Journal of small animal practice, 50 (12), 655-661.
7. Jaggy, A., Faissler, D., Gaillard, C., Srenk, P., & Graber, H. (1998). Genetic aspects of idiopathic epilepsy in Labrador retrievers. Journal of Small Animal Practice, 39 (6), 275-280.
8. Smith, P. M., Talbot, C. E., & Jeffery, N. D. (2008). Findings on low-field cranial MR images in epileptic dogs that lack interictal neurological deficits. Veterinary journal (London, England : 1997), 176(3), 320–325. <https://doi.org/10.1016/j.tvjl.2007.03.003>.
9. Ekenstedt, K. J., & Oberbauer, A. M. (2013). Inherited epilepsy in dogs. Topics in companion animal medicine, 28 (2), 51–58. <https://doi.org/10.1053/j.tcam.2013.07.001>
10. Belanger, J. M., Famula, T. R., Gershony, L. C., Palij, M. K., & Oberbauer, A. M. (2020). Genome-wide association analysis of idiopathic epilepsy in the Belgian shepherd. Canine Medicine and Genetics, 7 (1), 1-11.
11. Seppälä, E. H., Jokinen, T. S., Fukata, M., Fukata, Y., Webster, M. T., Karlsson, E. K., & Lohi, H. (2011). LGI2 truncation causes a remitting focal epilepsy in dogs. PLoS genetics, 7 (7), e1002194.
12. Wielaender, F., Sarviaho, R., James, F., Hytönen, M. K., Cortez, M. A., Kluger, G., & Lohi, H. (2017). Generalized myoclonic epilepsy with photosensitivity in juvenile dogs caused by a defective DIRAS family GTPase 1. Proceedings of the National Academy of Sciences, 114 (10), 2669-2674.
13. Howbert, J. J., Patterson, E. E., Stead, S. M., Brinkmann, B., Vasoli, V., Crepeau, D., Vite, C. H., Sturges, B., Ruedebusch, V., Mavoori, J., Leyde, K., Sheffield, W. D., Litt, B., & Worrell, G. A. (2014). Forecasting seizures in dogs with naturally occurring epilepsy. PloS one, 9 (1), e81920. <https://doi.org/10.1371/journal.pone.0081920>
14. Moore S. A. (2013). A clinical and diagnostic approach to the patient with seizures. Topics in companion animal medicine, 28 (2), 46–50. <https://doi.org/10.1053/j.tcam.2013.07.002>
15. Muñana K. R. (2013). Management of refractory epilepsy. Topics in companion animal medicine, 28 (2), 67–71. <https://doi.org/10.1053/j.tcam.2013.06.007>
16. Chang, Y., Mellor, D. J., & Anderson, T. J. (2006). Idiopathic epilepsy in dogs: owners' perspectives on management with phenobarbitone and/or potassium bromide. The Journal of small animal practice, 47 (10), 574–581. https://doi.org/10.1111/j.1748-5827.2006.00203.
17. Patterson E. N. (2013). Epileptogenesis and companion animals. Topics in companion animal medicine, 28 (2), 42–45. https : // doi.org/10.1053/j.tcam.2013.06.010.
18. Podell M. (1998). Antiepileptic drug therapy. Clinical techniques in small animal practice, 13(3), 185–192. <https://doi.org/10.1016/S1096-2867(98)80040-6>
19. Podell, M., Volk, H. A., Berendt, M., Löscher, W., Muñana, K., Patterson, E. E., & Platt, S. R. (2016). 2015 ACVIM Small Animal Consensus Statement on Seizure Management in Dogs. Journal of veterinary internal medicine, 30 (2), 477–490. <https://doi.org/10.1111/jvim.13841>
20. Berendt, M., Gulløv, C. H., & Fredholm, M. (2009). Focal epilepsy in the Belgian shepherd: evidence for simple Mendelian inheritance. Journal of small animal practice, 50 (12), 655-661.