Abstract

High Dilution in Leukopenia treatment in five Dogs

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Background: Leukopenia is associated with the consumption of peripheral leukocytes, decreased production due to endotoxemia and septicemia, medullary hypoplasia, nutritional diseases or autoimmune reactions. In a case report by Narita et al, Echinacea angustifolia demonstrated the effectiveness of treatment of leukopenia in penguins. Aims: Report the evolution of homeopathic treatment in 5 dogs’ patients between 3 and 5 years old, presenting leukopenia. Methodology: The homeopathic treatment was chosen, using Echinacea angustifolia due to its immunostimulant and immunomodulatory actions, which evolution was analyzed by blood tests. The exposed information is consented by the tutors. Results: The same protocol was made for all of the patients, including 4 globules of Echinacea angustifolia 6 cH orally, every 12 hours for 30 days. The first dog attended on 07/21/2021, presented 4,000 leukocytes, which increased to 6,800 on 08/17/2021. The second patient attend on 12/07/2021 presented 4,700 leukocytes, increasing to 6,800 on 01/25/2022. The third patient attended on 08/24/2021 presented 5,400 leukocytes, which increased to 6,800 on 10/15/2021. The fourth patient presented 4,300 leukocytes on 01/13/2022, increasing to 5,500 on 02/11/2022. The fifth patient presented on 12/12/2021 4,600 leukocytes, increasing to 8,400 on 02/03/2022. Therefore, the average of the first collection was 3,681 leukocytes and in the second there was an increase to 6,860 leukocytes (T-test, p= 0.0167). Conclusion: The use of the homeopathic medicine Echinacea angustifolia shows great results, being a viable option for the treatment of leukopenia, without the side effects.

Keywords: Homeopathy, Leukopenia, Immunity, Dogs.

References


Narita, F.; Scardoeli, B.; Bartalini, C.; Neto, H.; Coelho, C. Poster presentation - World Congress of Veterinary Homeopathy IAVH Colombia, Treatment of leukopenia with Echinacea angustifolia in Magellanic penguin (Spheniscus magellanicus), 2019.