

## Accepted Manuscript

Title: Comparison of efficacy and safety of preventive measures used against canine leishmaniasis in southern European countries: longitudinal retrospective study in 1647 client-owned dogs (2012-2016)

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PII: S0304-4017(18)30334-0  
DOI: <https://doi.org/10.1016/j.vetpar.2018.09.014>  
Reference: VETPAR 8755

To appear in: *Veterinary Parasitology*

Received date: 28-6-2018  
Revised date: 25-9-2018  
Accepted date: 26-9-2018

Please cite this article as: Fernandez M, Tabar MD, Arcas A, Mateu C, Homedes J, Roura X, Comparison of efficacy and safety of preventive measures used against canine leishmaniasis in southern European countries: longitudinal retrospective study in 1647 client-owned dogs (2012-2016), *Veterinary Parasitology* (2018), <https://doi.org/10.1016/j.vetpar.2018.09.014>

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**Comparison of efficacy and safety of preventive measures used  
against canine leishmaniasis in southern European countries:  
longitudinal retrospective study in 1647 client-owned dogs  
(2012-2016)**

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**Highlights**

- Around 90% of studied dogs did receive some preventive measure
- The most utilized measure was repellents alone in 45.7% of dogs
- Incidence of clinical leishmaniosis was 12.5% in the unprotected group
- All preventive measures (except vaccination alone) resulted in some benefit
- Adverse events occurred in 5.2% of dogs and were mostly mild and self-limiting

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