

Additional file 2: Figure S1. Veterinary questionnaire.

Thank you for participating in this questionnaire. This is a **voluntary, confidential** and **anonymous** activity. The information gathered below will be used for research purposes focused on animal diseases and the role of veterinary professionals in management. This survey will take approximately 15 min to be completed. Thank you for your time and collaboration.

Section I – Demographic identification			
Please tick (✓) or fill in the blank			
1. Age:			
2. Nationality	☐ Moroccan	☐ Other :	
3. Gender:	☐ male	☐ female	☐ rather not say
4. Background education	☐ Barchelor on Animal Sciences ☐ Degree in Veterinary Medicine ☐ Masters Degree ☐ PhD		
5. Practice location	Urban (city:) ; Rural (location:)		
6. Years in practice	☐ Less than 2yrs ☐ Between 2 and 5 yrs ☐ Between 5 and 15 yrs ☐ Over 15 yrs		
7. Type of practice	☐ Small Animal Clinic ☐ Exotic Animals Clinic ☐ Large Animals Clinic - Ruminants ☐ Large Animals Clinic - Horses ☐ Mixed Small Animals and Large Animal Practice ☐ Retired ☐ Academic ☐ Veterinarian teaching and practicing at a university hospital/ referral hospital		
Section II – Veterinarians awareness of leishmaniosis			

Please tick (✓) or fill in the blank		
8. Do you consider leishmaniosis a zoonotic disease?	☐ Yes ☐ No	
9. Are you familiar international guidelines for leishmaniosis (e.g ESCCAP, LeishVet or C.L.W.G)?	☐ Yes ☐ No	
10. Have you diagnosed leishmaniosis in dogs, cats, horses or donkeys?	☐ Yes, in dogs only ☐ Yes, in cats only ☐ Yes, in dogs and cats ☐ Yes, in horses ☐ Yes, in donkeys ☐ Yes, in both horses and donkeys ☐ No, I have never diagnoses leishmaniosis in any of my patients	
11. If your answer to previous question was no , please	☐ There is no animal leishmaniasis in Morroco ☐ I am only awaere of human leishmaniosis in Morroco ☐ I don't know what leishmaniosis is ☐ Morroco is not endemic for leishmaniosis	
12. If the answer to question 10 was yes , what are the clinical signs you often associate to animal leishmaniosis?	☐ Fever ☐ Anemia ☐ Cachexia ☐ Lymphadenopathy ☐ Onicogryphosis	☐ Renal disease ☐ Ophthalmic disorders ☐ Dermatological disorders ☐ Neurological disorders
13. If the answer to question 20 was yes , what where your treatment options?	☐ Alopurinol ☐ Domperidone ☐ Antimonials ☐ Miltefosin ☐ Paromomycin ☐ Ivermectin	☐ Enrofloxacin ☐ Marbofloxacin ☐ Doxycycline ☐ Imidocarb ☐ Amoxicillin ☐ Meloxicam

14. Can you identify the causative agent of leishmaniosis in dogs and cats?	☐ <i>Leishmania infantum</i> ☐ <i>Leishmania tropica</i> ☐ <i>Leishmania major</i> ☐ I don't know		
15. Can you point the primary reservoir hosts of the following <i>Leishmania</i> species?	<i>Leishmania infantum</i> ☐ Dogs ☐ Cats ☐ Mice ☐ Desert rats ☐ Humans ☐ I don't know	<i>Leishmania major</i> ☐ Dogs ☐ Cats ☐ Mice ☐ Desert rats ☐ Humans ☐ I don't know	<i>Leishmania tropica</i> ☐ Dogs ☐ Cats ☐ Mice ☐ Desert rats ☐ Humans ☐ I don't know
16. Can you identify if leishmaniosis is a vector borne disease?	☐ I don't know ☐ Not, It is not transmitted by a vector ☐ Yes, It is transmitted by a vector		
17. If your answer to question 16 was yes , please identify the vector of transmission.	☐ <i>Ripicephalus sanguineus</i> ticks ☐ Aedes mosquitos ☐ Anopheles mosquitos ☐ Phlebotomine sandflies ☐ Fleas ☐ I know its transmitted by an arthropode vector, but I can not identify which.		

Section III – Veterinarians involvement in zoonotic diseases prevention

Please tick (✓) or fill in the blank

18. Do you recommend the use of collars to prevent leishmaniosis?	Cats ☐ Yes ☐ No ☐ Only if the animals live outside the house	Dogs ☐ Yes ☐ No ☐ Only if the animals live outside the house
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