VIVALDIS Animal Health
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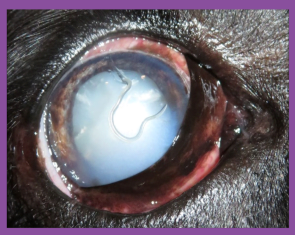
WEEKLY-58

GLOBAL NEWS

Bark Out Loud

Vet discovers rare zoonotic eye endoparasite in Labrador retriever patient[1]

Vet Times, July 07th 2021



A rare parasite has been found in the UK – by the vet who previously warned the veterinary profession about the zoonotic nature of the worm. Chris Dixon previously co-authored a paper in which he warned of the dangers of exotic communicable endoparasite Thelazia callipaeda making it to the UK. Dr Dixon has now raised the alarm once again after discovering the worm in the eye of a Labrador retriever brought to him. Bertie the Labrador retriever's new owner brought him into Veterinary Vision after he developed cataracts in both eyes. Dr Dixon said: "During his assessment a worm wriggled across the surface of his right eye, which we later confirmed as a female T callipaeda, which was carrying a large number of infectious larvae. This was immediately of concern as the importation of this parasitic worm poses a significant risk, as it can infect multiple species of animals and is also transmissible to humans. The main vector for T callipaeda is through male variegated fruit flies.

Experts call for One Health approach to tackle zoonoses[2]

The Hindu, July 6th 2021

Public health and wildlife experts have advocated the adoption of the One Health approach for policy formulation in the country. The concept which has been gaining traction among policy makers worldwide was key to the ongoing efforts in the prevention of zoonoses, they felt. Parag Nigam, Head, Wildlife Health Management, Wildlife Institute of India, who participated in the World Zoonoses Day observance, called for inter-sectoral coordination among public health and veterinary services to deliver human and animal health interventions in rural areas. Proposing a shift from the classic approach to disease control, he also urged public health officials to think in terms of ecosystems that involved people, livestock, wildlife and natural communities.

Presentation:
1.5ml single pipette

Presentation:
0.67, 1.34, 2.68, 4.02ml pipettee
Spray: 100ml

Presentation:
spray : 200ml

Presentation:
1X 10 tablets

STUDY

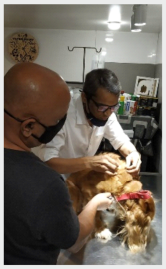
Does bathing affect tick and flea burdens and ectoparasiticide effectiveness of a spot-on formulation (fipronil + (S)-methoprene) for dogs?

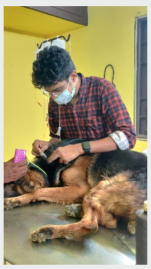
July 2020, Veterinary Parasitology

This work evaluated tick and flea burdens and the efficacy of a single topical application of 10% fipronil + 9% (S)-methoprene spot-on against experimental infestations of Rhipicephalus sanguineus & Ctenocephalides felis on dogs that were submitted to regular baths for 56-days post-treatment. 4 treatments were evaluated: no chemical treatment & no bathing (T01); no chemical treatment + bathing (T02); chemical treatment + no bathing (T03) & chemical treatment + bathing (T04). Dogs were infested with adult ticks & fleas 7 days pre-treatment. Baths & ectoparasite counts with removal were performed every 48 h before & after experimental infestation, respectively. Animals of T04 had lower tick burden than animals from T01 & T02 from day 2 to day 28. For fleas, the counts varied among days of the study. Dogs from T03 presented lower flea burden than dogs from T01 from day 1 until day 56. The same was true for T04 when compared to T01 from day 1 to day 42. Animals of T02 had greater flea burden than animals of T04 in all dates post treatment. In addition, dogs from T02 presented higher flea burden than T01 from day 7 to day 28 & day 49 to day 56. In sum, the efficacy of the spot-on formulation used declined over the time against both ectoparasites. The residual efficacy of the product had a shorter duration against these ectoparasites for dogs that received subsequent bathing.

VIVALDIS CORNER

Vivaldis conducted an awareness campaign across the country on World Zoonoses day, July 6th. Free dosages of Bark Out Loud Spot-On and Vi-fi spot on were administered to pets suffering from various skin infections.





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1. https://rb.gy/ff653m | 2. https://rb.gy/jpjh3n