

# **Co-infection of a mosquito borne arbovirus and parasite in dogs in Kaduna and Zaria metropolis, Kaduna state, Nigeria: A Case Report**

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## **Abstract**

*During a survey in Kaduna and Zaria metropolis for West Nile virus and Dirofilaria in dogs, a single case of co-infection of the two organisms was observed in a dog. These organisms are both mosquito borne and are of great zoonotic importance.*

*Running title: Co-infection of West Nile virus and Dirofilaria in dogs.*

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