

Publication

Artemether and tribendimidine lack activity in experimental treatment of *Paragonimus westermani* in the dog

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Artemether and tribendimidine are active against several trematode species, but no data are available regarding the lung fluke *Paragonimus westermani*. We infected six dogs with 100 *P. westermani* metacercariae each. At day 103 post-infection, four dogs were treated orally for 3 days with either artemether (total dose, 66.7 and 75 mg/kg) or tribendimidine (total dose, 100 mg/kg). The remaining dogs were left untreated and served as control. Sixteen days after the final dosing, dogs were killed, and *P. westermani* flukes were recovered from the lungs and counted. Neither artemether nor tribendimidine showed activity against *P. westermani* at this dose regimen in dogs.

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