

## **Ectopic parasitism of a adult worm in a dog with heartworm disease**

**Hyun-wook Oh, Hyung-kyou Jun, Kun-ho Song\* and Duck-hwan Kim**

*Laboratory of Veterinary Internal Medicine, College of Veterinary Medicine,  
Chungnam National University*

A 10cm adult worm was discovered in the peritoneal cavity during the experimental surgery for ovariohysterectomy in 3yr-old female mongrel dog with no clinical signs. Modified Knott's test, ELISA test, X-ray examination and echocardiography and PCR analysis showed heartworm disease and ectopic parasitism of *Dirofilaria immitis* in the peritoneal cavity. The case is first report about aberrant migration of *D. immitis* to the peritoneal cavity in Korea.

---

\* Corresponding author: songkh@cnu.ac.kr