

## **Ovarian and Uterine Horn Remnant Syndrome in a Spayed Bitch**

Jong-Il Kang, Jin-Ho Kim, Soo-Kyung Park, Pyo Lim, Sung-Keun Ham,  
Won-Hong Kim, Ho-Jun Kim, Seung-Jun Jang, In-Seon Hong, Eung-Sic Na,  
Ji-Na Baek, Ho-Seong Cho<sup>1</sup>, Nam-Yong Park<sup>1\*</sup>

*Choong Hyun Animal Hospital, <sup>1</sup>\*College of veterinary medicine, Chonnam national university*

**Introduction:** An 11-year-old spayed female Miniature Pinscher was presented with severe anorexia, hyperthermia, periodic estrus symptoms with lactation and mucopurulent vaginal discharge.

**Material and methods:** We scrutinized the patient dog through the method for diagnosis of stump pyometra or remnant ovary by symptoms, blood tests, radiography and ultrasonography. We observed abnormal radioopaque round masses with soft tissue density which were adjacent to the right kidney. By ultrasonography, the right remnant ovary and uterine horn were found beneath the stomach in the shape of anechoic follicular cysts with distal enhancement. Blood tests also were performed and were on normal range in each items except in the mild elevation of ALT(sGPT) and AST(sGOT) titers.

**Results:** On exploratory laparotomy, we could find the right remnant ovary and suppurative uterine horn adhesive to the pancreas. The condition resolved following surgical excision under general anesthesia of the remaining ovarian tissue and a purulent uterine horn residue.

**Clinical relevance:** Histologically, we found a normal ovary tissue composed with developing follicle and non-inflammatory endometriosis of the remnant uterine horn containing non-purulent yellow mucus.

\*Corresponding author: nypark@chonnam.ac.kr