

## **Double Intussusception in a Young Dog**

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**Introduction:** Intussusception is common surgical problem in young dog, however double intussusception is very rare entity. Most intussusceptions are believed idiopathic condition in young dogs.

**Materials and methods:** A three-month-old, 2kg, intact female shih-tzu with history of anorexia, depression, vomiting and diarrhea caused by a double intussusception was referred to Veterinary Medical Center of Chungbuk National University.

**Results:** The physical examination revealed diffuse pain on abdominal palpation. In laboratory examination, there were unremarkable. Abdominal Radiographs showed areas of reduced serosa detail and of increased soft tissue opacity in the left mid-abdomen. In addition, A gas distended loop of small intestine situated within the left mid-abdomen. Ultrasonographic features appeared as a series of concentric rings in the transverse sections and multiple hyperechoic and hypoechoic parallel lines in the longitudinal sections. During surgery, a ileocecal intussusception in ascending colon was confirmed. The Patient was successfully treated by partial resection and anastomosis.

**Clinical relevance:** Double intussusception is very similar to classical cases. except ultrasonographic finding, triple circle sign. To decrease the recurrence rate, enteroplication and enteropexy of the anastomosis lesion should be considered.

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