

## Surgical Management of Congenital Rectourethral Fistula with Atresia Ani in a Korean Native Calf

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**Signalment:** A 2-day-old male Korean native calf was referred to the Chonbuk Animal Medical Center because of atresia ani and urination with feces through the penis.

**Results:** In radiographic examination using contrast medium, a fistula between the urethra and the rectum and the sigmoid flexure of the descending colon filled with gas were found. Surgery was performed through colostomy and reconstruction of an anus at the perineal region. During the surgical operation, it was confirmed that there was a fistula and the fistula was ligated and excised. One month follow-up after surgery, the urination was normal and reconstructive anus was healed well.

**Clinical Relevance:** It is uncommon case which has atresia ani with rectourethral fistula. Most of these calves, which had both problems, the prognosis is not good. However if patients are diagnosed as soon as possible after birth and effective surgery is achieved, the prognosis would be satisfied.

**Key words:** rectourethral fistula, atresia ani, calf

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