

Pyovagina and Vestibulo-vaginal Stricture in a Shih-Tzu Dog

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Introduction: A 3-year-old, spayed female Shih-Tzu dog was referred to the Animal Medical Center, Chonbuk National University with abdominal distension and dysuria. The dog had a history of ovariohysterectomy (OHE) for pyometra 40 days ago in the local animal hospital.

Materials and methods: Physical examination and survey radiograph revealed a cystic mass at the caudal abdominal and pelvic cavity. Positive-contrast retrograde urethrogram and ultrasound revealed a cystic mass between the bladder and rectum. Vaginoscopy revealed a vestibulo-vaginal stricture. The case was diagnosed pyovagina and vestibule-vaginal stricture. During laparotomy the stump of the uterus and vagina were found to be adhered to the ureter, urethra bladder and rectum which were carefully dissected and freed. The pus present between the cervix and vestibulo-vaginal stricture was removed.

Results: Postoperatively the abdominal distention subsided but micturition disorder was observed during a 2 month follow up period.

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