

# A Rare Case of Urethrovaginal Fistula in a Uretoral Diverticulum

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A 45-year-old woman from rural area presented with dribbling of urine per vaginam. She was changing pads like times 4 or 5. She started menstruation at 12 years age and has had the first trimester urinary tract infection. She had not menstruated since she was a known diabetic.

On examination, the patient was obese. The vulval skin was moist and saccharine. Physical examination did not reveal any abnormalities. Per vaginal examination revealed a ridge in the middle one third of the anterior vaginal wall. A tiny fistula was situated in the middle of the swelling which was about 2 cms. from the urethra. Spouting of urine was found through the opening on coughing. The lower third on three positions was stained with methylene blue. Patient was scheduled for gynaecological surgery. This revealed a urethral diverticulum with urethrovaginal fistula.

Urethral diverticulum is presumed to be due to recurrent infections and obstruction of the para-urethral glands, which resulted in the formation of a diverticulum. These diverticula would eventually rupture and drain into the vaginal lumen. The continued infiltration of pus would then lead to epithelialisation and formation of a permanent diverticulum.

Patient was put on inj. glass insulin according to sliding scale. Urethral diverticulum with excision of fistulous tract was performed on 24-9-92. Closure site was reinforced with marfan's burodermosses fat pad. Postoperatively continuous central catheterisation using a 10F feeding tube was done for one week. She recovered well and was discharged on regular insulin therapy.