Severe Urinary Retention Following Neobladder Construction

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A 53-year-old man complained of a three-month history of a reduced force in the urinary stream. He visited the emergency unit due to a decrease in urine. His medical history included bladder cancer following radical cystectomy and neobladder construction. A physical examination revealed a markedly distended abdomen. Routine laboratory data showed severe azotemia. Abdominal computerized tomography demonstrated hydroureteronephrosis and stones with distention of the neobladder (Picture). Approximately 3,000 mL of urine was drained. Cystourethroscopy revealed urethral stricture at the bladder neck. The patient’s condition improved following optical urethrotomy. He was therefore...
discharged. At the three-month follow-up, he did not complain of voiding symptoms. The late complications of ileal neobladder include metabolic acidosis, inguinal hernia, neobladder calculi, upper urinary tract calculi, urethroileal anastomotic stricture and febrile urinary tract infection (1). We herein reported a case of urethral stricture in a man caused by an infrequent complication of neobladder construction (1). Treatment for urethral stricture disease involves direct visual internal urethrotomy and urethral dilatation (2).

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References