

## Orthotopic ileal neobladder reconstruction in a woman who developed squamous cell carcinoma of the urinary bladder after kidney transplantation

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### ABSTRACT

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The case of a 62-year-old woman who developed squamous cell carcinoma of the bladder 16 years after a kidney transplant is reported here. After the transplant, immunosuppressive therapy was maintained with cyclosporin A (200 mg/day) and the patient's serum creatinine level was 0.9 mg/dL. She was diagnosed with squamous cell carcinoma of the bladder 16 years later and underwent radical cystectomy with an orthotopic ileal neobladder. The Studer technique was used and the afferent ileal loop was anastomosed to the graft ureter. The postoperative course was uneventful. At the 6-month follow-up visit, the patient showed no evidence of recurrence. Her serum creatinine level was 1.0 mg/dL. The patient was continent during the day and the night. This case shows that the construction of an orthotopic ileal neobladder after cystectomy is safe and feasible in kidney transplant recipients.

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**Key words:** kidney transplantation, bladder neoplasms, orthotopic neobladder, squamous cell carcinoma.

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Received October 20, 2010;  
accepted March 31, 2011.