

# **Two- and three-dimensional sonographic findings in a case of distal urethral obstruction due to a paraurethral tumor**

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## **Abstract**

The cause of bladder outlet obstruction in women may be categorized generally into two types, functional and anatomical. On ultrasonography, the urethra appears as a tubular structure with a central echolucent part and surrounding hyperechogenic structures. Morphological changes in the echolucent portion of the urethra have been reported to be associated with voiding dysfunction. We present a case of distal urethral obstruction secondary to metastatic paraurethral adenocarcinoma. Three-dimensional sonography clearly demonstrated the configuration of the metastatic tumor and its spatial orientation in association with distal urethral obstruction.