VIDEO SECTION

Vol. 46 (5): 867-867, September - October, 2020
doi: 10.1590/S1677-5538.IBJU.2018.0839

Transurethral resection of bladder tumor through artificial urinary sphincter

Kevin Heinsimer [1], Lucas Wiegand [2]

[1] USF Health Morsani College of Medicine-Urology,Tampa General Circle, Tampa, Florida, United States; [2] University of South Florida-Urology, Tampa General Circle, Tampa, Florida, United States

ABSTRACT

Artificial Urinary Sphincter (AUS) is a common treatment for stress urinary incontinence, especially in patients treated for prostate cancer. A small number of patients with an AUS will subsequently develop bladder cancer. These patients are especially hard to manage due to risk of cuff erosion with transurethral interventions. We present a case of an 81-year-old male, with history of prostatectomy and AUS placement, found to have a 2.5cm bladder tumor. He underwent transurethral resection of bladder tumor (TURBT) through a 5cm AUS cuff using a 16.5Fr flexible cystoscope and 3fr bugbee monopolar electrode. The tumor was able to be resected en-bloc. The patient's cuff was deactivated prior to TURBT and reactivated 72hr post-operatively. The patient experienced no complications or compromises from an oncologic or incontinence standpoint. Final pathology was spindle cell carcinoma without muscle invasion.

CONFLICT OF INTEREST

None declared.

ARTICLE INFO

Kevin Heinsimer
http://orcid.org/0000-0002-4400-0294

Available at: http://www.intbrazjurol.com.br/video-section/20180839_Heinsimer_et_al
Int Braz J Urol. 2020; 46 (Video #20): 867-867

Submitted for publication:
January 14, 2019

Accepted after revision:
May 04, 2019

Published as Ahead of Print:
July 15, 2019

Correspondence address:
Kevin Heinsimer, MD
Assistant Professor of Urology,
University of South Florida, 2 Tampa General Circle
Morsani College of Medicine
STC 6, Tampa, FL 33606, United States
E-mail: kheinsimer@health.usf.edu