Surgical management of genitourinary malignancies

The global burden of genitourinary malignancies has been largely growing attributable to both rising incidence and associated morbidity. While genitourinary malignancies, such as prostate, kidney, bladder, testis, and penile cancer often necessitate multi-disciplinary care and treatment, surgical management of these common disease processes remains a key and integral aspect of treatment for optimal oncologic outcomes. As guest editors, we intentionally focused on topics and themes that would highlight essential surgical principles, ranging from salvage prostatectomy to retroperitoneal lymph node dissection to urinary diversions. Another key objective of our focused series was to critically review ongoing controversies about the comparative effectiveness of surgical approaches, such as partial or radical nephrectomy for localized renal masses, open or robotic-assisted radical cystectomy in bladder cancer. Herein, we provide a series of reviews on the surgical management of the most relevant genitourinary malignancies.

Acknowledgments

Funding: None.

Footnote

Provenance and Peer Review: This article was commissioned by the editorial office, AME Medical Journal for the series “Surgical Management of Genitourinary Malignancies”. The article did not undergo external peer review.

Conflicts of Interest: Both authors have completed the ICMJE uniform disclosure form (available at http://dx.doi.org/10.21037/amj-21-11). The series “Surgical Management of Genitourinary Malignancies” was commissioned by the editorial office without any funding or sponsorship. SPK served as the unpaid Guest Editor of the series and serves as an unpaid editorial board member of AME Medical Journal from Sep 2019 to Aug 2021. The authors have no other conflicts of interest to declare.

Ethical Statement: The authors are accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Open Access Statement: This is an Open Access article distributed in accordance with the Creative Commons Attribution-NonCommercial-NoDerivs 4.0 International License (CC BY-NC-ND 4.0), which permits the non-commercial replication and distribution of the article with the strict proviso that no changes or edits are made and the original work is properly cited (including links to both the formal publication through the relevant DOI and the license). See: https://creativecommons.org/licenses/by-nc-nd/4.0/.
Rodrigo Rodrigues Pessoa, MD, PhD
(Email: rodrigo.rodriguespessoa@cuanschutz.edu)

Simon P. Kim, MD, MPH
(Email: simkim@me.com)

Division of Urology, University of Colorado, Aurora, CO, USA
Received: 17 February 2021; Accepted: 11 March 2021.
doi: 10.21037/amj-21-11

View this article at: http://dx.doi.org/10.21037/amj-21-11

Cite this article as: Pessoa RR, Kim SP. Surgical management of genitourinary malignancies. AME Med J 2021.

doi: 10.21037/amj-21-11