New frontiers and technologies in urology

Urology is one of the most heterogeneous surgical speciality, including endoscopy, reconstructive surgery, emergency, oncological and functional surgery. Therefore, it is not difficult to understand how, over the decades, urology has been one of the branches most affected by technological evolution in the surgical field, in particular with the introduction of laparoscopy, robotic surgery, ever smaller endoscopes and precise lasers.

The impact of new technologies has changed and is changing urology, both from a diagnostic, operational and therapeutic point of view. This progressive and rapid change is impacting not only the management of the patient himself but also the training of trainees and young surgeons.

As part of a historically “male” specialty, the pink army is finally appearing forcefully, ready to bring new lymph and enthusiasm into the environment. Furthermore, the contribution of the web and social communities is becoming fundamental. SoMe groups are increasingly supporting and in some cases replacing the classic meetings and conferences.

In this special series we will deal, mainly with some reviews, some of the technological advances currently available and in progress in the various urological sub-specialties. I would like to thank the editorial office, authors, reviewers and all the readers for their efforts in putting together this series, hoping that it will be appreciated and useful by readers.

Acknowledgments

Funding: None.

Footnote

Provenance and Peer Review: This article was commissioned by the editorial office, AME Medical Journal, for the series “New Frontiers and Technologies in Urology”. The article did not undergo external peer review.

Conflicts of Interest: The author has completed the ICMJE uniform disclosure form (available at http://dx.doi.org/10.21037/amj-20-154). The series “New Frontiers and Technologies in Urology” was commissioned by the editorial office without any funding or sponsorship. GM served as the unpaid Guest Editor of the series and serves as an unpaid editorial board member of AME Medical Journal from May 2020 to May 2022. The author has no other conflicts of interest to declare.

Ethical Statement: The author is 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.

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Received: 14 August 2020; Accepted: 18 September 2020.
doi: 10.21037/amj-20-154

View this article at: http://dx.doi.org/10.21037/amj-20-154

Cite this article as: Mantica G. New frontiers and technologies in urology. AME Med J 2020.