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State-of-the Art in Sensing for Biomedical Robots in the Field of Urology

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Message from the Guest Editors

In recent years, we have witnessed a growing interest in and application of robotic surgical platforms in the field of urology, which has led to shorter operation and recovery times, reduced pain, and superior overall surgical and cosmetic outcomes. Since the earliest application of the PROBOT for the treatment of benign prostatic obstruction (at the Imperial College of London in 1989), many other robots were launched on the market and revolutionary advancements were observed. After two decades of a monopoly, many different surgical platforms are now available today, but their defining characteristics were never described in depth and robot-specific outcomes have not been published yet.

This Special Issue aims to offer a comprehensive overview of recent advances, technologies, solutions, applications, and challenges concerning the new surgical robots, their sensors, and their applications in urology.



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Special Issue



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Message from the Editor-in-Chief

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