

## Special Issue

# Advances in Laparoscopic Surgery

### Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of recent advances in laparoscopic surgery, spanning technical innovations, novel clinical applications, training models, and outcome-based research. In particular, we will focus on laparoscopic approaches applied to gynecological diseases, including both benign conditions—such as endometriosis and uterine fibroids—and oncological pathologies. Contributions addressing the laparoscopic management of complex pelvic anatomy, fertility-sparing procedures, or oncologic staging are highly encouraged, with an emphasis on state-of-the-art technologies such as 3D and robotic-assisted laparoscopy, fluorescence-guided surgery, augmented reality, artificial intelligence integration, and enhanced recovery protocols. Additionally, we welcome studies exploring synergistic techniques that integrate endoscopic approaches—such as hysteroscopy or intraoperative ultrasound—with laparoscopic or robotic platforms to enhance surgical accuracy and safety in challenging anatomical scenarios, as well as research evaluating clinical outcomes, learning curves, and cost-effectiveness of these strategies.

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### Guest Editors

Dr. Mario Palumbo

Department of Public Health, School of Medicine, University of Naples “Federico II”, 80131 Naples, Italy

Dr. Luigi Della Corte

Gynecology and Obstetrics Unit, Department of Neuroscience, Reproductive Sciences and Dentistry, School of Medicine, University of Naples Federico II, Naples, Italy

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[medicina@mdpi.com](mailto:medicina@mdpi.com)

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Medical Academy, Lithuanian University of Health Sciences, Kaunas,  
Lithuania

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