

Special Issue

Recent Advances of Tracers Uses in Gynecologic Surgery

Message from the Guest Editors

The development of new tracers has contributed to improved patient safety, reduced morbidity, and a better understanding of functional anatomy and pathophysiology. The widespread use of indocyanine green (ICG) and the integration of near-infrared fluorescence imaging technologies into conventional and robotic-assisted laparoscopies took gynecologic surgery to the next level. The use of ICG tracing enhances lymphatic mapping and sentinel node detection, improves identification of retroperitoneal structures (e.g., ureters or endometriotic tissue), and allows more reliable assessment of vascular perfusion and patency of surgical anastomoses. Beyond surgery, new tracers have driven the improvement of PET/CT- and PET/MRI-based techniques, which are relevant to gynecologic oncology. We would like to invite colleagues from various medical and surgical disciplines—above all gynecology, gynecological surgery, radiology, anatomy, and medical technology—to support this Special Issue of *Medicina* exclusively dedicated to “Recent Advances of Tracers Uses in Gynecologic Surgery” with original studies, reviews, meta-analyses, and groundbreaking case reports.

Guest Editors

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