

Special Issue

Imaging and Surgery in Endometriosis—Recent Advances

Message from the Guest Editors

Transvaginal ultrasound and MR imaging are crucial for staging endometriosis, guiding surgical planning and informed consent. Despite advancements, challenges persist in diagnosing pelvic sidewalls, nerves, and extrapelvic lesions (e.g., sigmoid colon, diaphragm), often missed due to insufficient standardized training. Classification systems, especially for adenomyosis, need refinement. Surgical techniques are shifting from laparoscopy to robotic-assisted surgery (RAS), with potential benefits from 3D imaging, higher resolution, and ICG applications, though RAS advantages remain unclear. Fertility outcomes post-surgery are still debated. AI is poised to transform imaging and surgery, but further research is needed. Contributions to address these gaps are encouraged to advance endometriosis care.

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