

Table 3. *Surgical Approaches and Outcomes in Endometriosis.*

Surgical Technique	Indication / Lesion Type	Main Advantages	Risks / Limitations	References
Ablation (thermal/laser)	Superficial disease	Minimally invasive	Incomplete removal → recurrence	[46,106,107]
Excision (laparoscopic/robotic)	DIE, endometriomas	Lower recurrence, QoL improvement	Technical complexity, potential complications	[46,106,107]
Cystectomy	Ovarian endometriomas >3–4 cm	Pain relief, improved IVF access	Reduced ovarian reserve	[43,46,108]
Bowel shaving/resection	DIE with bowel infiltration	Improved pain and bowel function	Surgical morbidity	[46,104,107]
Multidisciplinary surgery	Urinary + GI involvement	Complete anatomical restoration	Prolonged OR time, ↑ complications	[46,97,104,107]