

Table 4. *Fertility and Pregnancy Outcomes in Women with Endometriosis.*

Aspect	Findings / Mechanisms	Clinical Implications	References
Spontaneous fertility	Reduced fecundity even in minimal disease due to inflammation and altered receptivity	Early fertility assessment and individualized strategy	[71, 85-87,113, 114]
Surgical benefit	Excision improves conception in stage I–II; limited benefit in stage III– IV	Consider surgery before ART only if anatomic correction feasible	[42, 44, 85]
IVF / ART outcomes	Slightly lower oocyte yield and live-birth rate (~10– 15% lower vs. tubal factor infertility)	ART remains primary treatment; optimize stimulation protocol	[42,45,85,107,108]
EFI score	Combines surgical and reproductive factors	Predicts fertility potential; $EFI \geq 7 \rightarrow$ high probability of conception	[95]
Endometriomas	Bilateral/recurrent cysts reduce reserve; surgery may worsen	Avoid repeated cystectomy unless symptomatic	[41-43, 85]