## JOURNAL OF ENDOMETRIOSIS AND REPRODUCTIVE BIOLOGY



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## JOURNAL OF ENDOMETRIOSIS AND REPRODUCTIVE BIOLOGY "JERB"

Endometriosis is a common disease affecting 10% of reproductive-aged women. Its chronic inflammatory condition causes dysmenorrhea, dyspareunia, chronic pelvic pain and infertility. The pathology of endometriosis and its inflammatory reaction makes 50% of women with endometriosis are infertile, The different theories are discussed with different Diagnostic approaches and theses provides insights into possible mechanisms of infertility, especially in women with milder forms of the disease. Endometrioma or its treatment may lead to reduction in the ovarian reserve that can have a further reduction in the fertility. The ovarian reserve is affected either by the long term chronic inflammatory effect of endometrioma or the surgery of ovarian cystectomy. Ovarian reserve plays an essential role in the success of management. Treatment of endometriosis associated with infertility, includes surgical management which is usually laparoscopic is cost-effective and offers the potential for improvement in cycle fecundity. Many of the medical treatment may interfere with the management of infertility and ovarian stimulation and may unnecessarily delay further fertility therapy. Medical management has not been proven outside of in vitro fertilization.

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