

## Endometrioma Ethanol Sclerotherapy

**Authors :** Lamia Bensissaid

**Abstract :** Goals: Endometriosis affects 6 to 10% of women of childbearing age. 17 to 44% of them have ovarian endometriomas. Medical and surgical treatments represent the two therapeutic axes with which PMA can be associated. Laparoscopic intraperitoneal ovarian cystectomy is described as the reference technique in the management of endometriomas by learned societies (CNGOF, ESHRE, NICE). However, it leads to a significant short-term reduction in the AMH level and the number of antral follicles, especially in cases of bilateral cystectomy, large cyst size or cystectomy after recurrence. Often, the disease is at an advanced stage with several surgical patients. Most have adhesions, which increase the risk of surgical complications and suboptimal resection and, therefore recurrence of the cyst. These results led to a change of opinion towards a conservative approach. Sclerotherapy is an old technique which acts by fibrinoid necrosis. It consists of injecting a sclerosing agent into the cyst cavity. Results : Recurrence was less than 15% for a 12-month follow-up; these rates are comparable to those of surgery. It does not seem to have a negative impact on ovarian reserve, but this is not sufficiently evaluated. It has an advantage in IVF pregnancy rates compared to cystectomy, particularly in cases of recurrent endometriomas. It has the advantages: · To be done on an outpatient basis. · To be inexpensive. · To avoid sometimes difficult and iterative surgery: · To allow an increase in pregnancy rates and the preservation of the ovarian reserve compared to iterative surgery. · of great interest in cases of bilateral endometriomas (kissing ovaries) or recurrent endometriomas. Conclusions: Ethanol sclerotherapy could be a good alternative to surgery.

**Keywords :** Endometrioma, Sclerotherapy, infertility, Ethanol

**Conference Title :** ICWGC 2024 : International Conference on Women Gynecology and Childbirth

**Conference Location :** Jeddah, Saudi Arabia

**Conference Dates :** February 19-20, 2024