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Topic : Adhesion Prevention

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Anatomical and functional results of transient ovariopexy after surgery for severe endometriosis

To assess efficacy (adhesions formation and subsequent fertility) and short and long term complications (ovarian endovaginal accessibility and ovarian antral follicle count) of transient ovariopexy after pelvic surgery for severe endometriosis.

Bicentric study including 188 severe endometriotic patients, 292 suspended ovaries, from 1997 to 2007. Adnexal adhesiolysis, deep pelvic endometriosis excision and endometrioma excision were done in 218, 96 and 132 cases. Surgical non systematic second look was done in 23 patients.

Easy, reproducible and painless technique. Immediate complication rate: 0.7%. Ovarian accessibility and reserve were not modified. Adnexal adhesion scores were decreased ($p < 0.01$). Global pregnancy rate was 52%. The best results were observed after using a monofilament thread.

Transient ovariopexy is a simple, reproducible and effective technique for adhesion prevention in severe endometriotic patients with very low morbidity and no effect on ovarian reserve. Subsequent fertility seemed improved. The thread used for this surgical tool had also an impact on results.

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ABSTRACT SUBMISSIONS
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